DAVID Y. IGE
GOVERNOR

FILE COPY
SEP 23 2015

CRAIG K. HIRAI
EXECUTIVE DIRECTOR

In reply, refer to:

15:DEV/091

STATE OF HAWAII
DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM
HAWAII HOUSING FINANCE AND DEVELOPMENT CORPORATION
677 QUEEN STREET, SUITE 300
HONOLULU, HAWAII 96813
FAX: (808) 587-0600

September 8, 2015

RECEIVED
'15 SEP -9 P4:21
OFC. OF ENVIRONMENTAL QUALITY CONTROL

Ms. Jessica Wooley
Director
Office of Environmental Quality Control
Department of Health
235 S. Beretania Street, Room 702
Honolulu, Hawai'i 96813

Dear Ms. Wooley:

With this letter, the Hawaii Housing Finance and Development Corporation (HHFDC) hereby transmits the Final Environmental Assessment and Finding of No Significant Impact (FEA-FONSI) for the 803 Waimanu Street condominium situated at Tax Map Key: (1) 2-1-049: 050, 070, and 072 in the Kaka'ako District of Honolulu on the island of O'ahu for publication in the next available edition of the Environmental Notice.

HHFDC has included copies of public comments and the corresponding responses from the applicant that were received during the 30-day public comment period on the Draft Environmental Assessment and Anticipated Finding of No Significant Impact (DEA-AFONSI).

Enclosed is a completed OEQC Publication Form, two copies of the FEA-FONSI, an Adobe Acrobat PDF file of the same, and an electronic copy of the publication form in MS Word. Simultaneous with this letter, we have submitted the summary of the action in a text file by electronic mail to your office.

If there are any questions, please contact Ken Takahashi at 587-0547. Thank you for your assistance.

Sincerely,

Craig K. Hirai
Executive Director

Enclosures

cc: MJF Development Corporation
Hawai'i Planning, LLC

APPLICANT ACTION
SECTION 343-5(e), HRS
PUBLICATION FORM

Project Name:	**803 Waimanu**
HRS §343-5 Trigger(s):	**Seeking State Funding**
Island:	**Oahu**
District:	**Honolulu**
TMK:	**(1) 2-1-049: 050, 070, and 072**
Permits:	**The applicant will obtain all required permits from various agencies, including the following: Kaka'ako Community Development District; National Pollutant Discharge Elimination; Building Permits; Dewatering; Grubbing, Grading/Trenching, and Stockpiling; Demolition; Street Usage; Sewer Connection; Water Connection; and Water Quality.**

Approving Agency:

Hawaii Housing Finance & Development Corporation
677 Queen Street
Honolulu, HI 96813
Contact: Ken Takahashi, (808) 587-0547

Applicant:

MJF Development Corporation
770 Kapiolani Blvd., # 200
Honolulu, HI 96818
Contact: Franco Mola
Telephone: (808) 744-8072

Consultant:

Hawaii Planning, LLC
7 Waterfront Plaza
500 Ala Moana Blvd., Ste. 400
Honolulu, HI 96813
Contact: Dennis Silva
Telephone: (808) 347-3999

Status (check one only):

__DEA-AFNSI	Submit the approving agency notice of determination/transmittal on agency letterhead, a hard copy of DEA, a completed OEQC publication form, along with an electronic word processing summary and a PDF copy (you may send both summary and PDF to oeqchawaii@doh.hawaii.gov; a 30-day comment period ensues upon publication in the periodic bulletin.
_X_FEA-FONSI	Submit the approving agency notice of determination/transmittal on agency letterhead, a hard copy of the FEA, an OEQC publication form, along with an electronic word processing summary and a PDF copy (send both summary and PDF to oeqchawaii@doh.hawaii.gov; no comment period ensues upon publication in the periodic bulletin.
__FEA-EISPN	Submit the approving agency notice of determination/transmittal on agency letterhead, a hard copy of the FEA, an OEQC publication form, along with an electronic word processing summary and PDF copy (you may send both summary and PDF to oeqchawaii@doh.hawaii.gov; a 30-day consultation period ensues upon publication in the periodic bulletin.

__Act 172-12 EISPN	Submit the approving agency notice of determination on agency letterhead, an OEQC publication form, and an electronic word processing summary (you may send the summary to oeqchawaii@doh.hawaii.gov. NO environmental assessment is required and a 30-day consultation period upon publication in the periodic bulletin.
__DEIS	The applicant simultaneously transmits to both the OEQC and the approving agency, a hard copy of the DEIS, a completed OEQC publication form, a distribution list, along with an electronic word processing summary and PDF copy of the DEIS (you may send both the summary and PDF to oeqc@doh.hawaii.gov); a 45-day comment period ensues upon publication in the periodic bulletin.
__FEIS	The applicant simultaneously transmits to both the OEQC and the approving agency, a hard copy of the FEIS, a completed OEQC publication form, a distribution list, along with an electronic word processing summary and PDF copy of the FEIS (you may send both the summary and PDF to oeqc@doh.hawaii.gov); no comment period ensues upon publication in the periodic bulletin.
__ Section 11-200-23 Determination	The approving agency simultaneous transmits its determination of acceptance or nonacceptance (pursuant to Section 11-200-23, HAR) of the FEIS to both OEQC and the applicant. No comment period ensues upon publication in the periodic bulletin.
__Statutory hammer Acceptance	The approving agency simultaneously transmits its notice to both the applicant and the OEQC that it failed to timely make a determination on the acceptance or nonacceptance of the applicant's FEIS under Section 343-5(c), HRS, and that the applicant's FEIS is deemed accepted as a matter of law.
__Section 11-200-27 Determination	The approving agency simultaneously transmits its notice to both the applicant and the OEQC that it has reviewed (pursuant to Section 11-200-27, HAR) the previously accepted FEIS and determines that a supplemental EIS is not required. No EA is required and no comment period ensues upon publication in the periodic bulletin.
__Withdrawal (explain)	

Summary (Provide proposed action and purpose/need in less than 200 words. Please keep the summary brief and on this one page)**:**

803 Waimanu is a for-sale residential development project located within the Kaka'ako District of Honolulu, Oahu, at 803 Waimanu Street, Honolulu; TMK: (1) 2-1-049: 050, 070, and 072. The proposed residential condominium will offer 153 studio, one- and two-bedroom units. At least 101 units will be affordable to households earning between 80% and 140% of the Area Median Income. The affordable units will range in price from an estimated $240,000 to $540,000 and will be subject to statutory resale restrictions. As an urban in-fill project, it is located in proximity to schools, bus stops, shopping, and services.

803 WAIMANU

FINAL ENVIRONMENTAL ASSESSMENT

803 WAIMANU STREET, HONOLULU, HAWAII

HAWAII HOUSING FINANCE AND DEVELOPMENT CORPORATION

SEPTEMBER 2015

MJF DEVELOPMENT CORPORATION

PREPARED BY:

HAWAII PLANNING LLC

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ACRONYMNS

AIS	Archaeological Inventory Survey
AISP	Archaeological Inventory Survey Plan
AMI	Area Median Income - HUD
BWS	Board of Water Supply
CIA	Cultural Impact Assessment
CMP	Construction Management Plan
CK	Central Kaka'ako
CZM	Coastal Zone Management
DES	Department of Environmental Services
DOH	Department of Health
DPP	Department of Planning and Permitting
DURF	Dwelling Unit Revolving Fund
ESA	Phase 1 Environmental Site Assessment
GPS	Global Positioning System
HCDA	Hawai'i Community Development Authority
HCM	Highway Capacity Manual
HECO	Hawaiian Electric Company
HHFDC	Hawai'i Housing Finance and Development Corporation
HRS	Hawai'i Revised Statutes
~~**IBC**~~	~~O'ahu Island Burial Council~~
KCDD	Kaka'ako Community Development District
LEED	Leadership in Energy and Environmental Design
LEED-NC	Leadership in Energy and Environmental Design New Construction
LOS	Level of Service
MSA	Metropolitan Statistical Area
MSL	Mean Sea Level
MUTCD	Manual on Uniform Traffic Control Devices
NAHB	National Association of Homebuilders
OIBC	O'ahu Island Burial Council
PMA	Primary Market Area
PUC	Primary Urban Center – Development Plan
RH	Reserved Housing
SCA	Sewer Connection Application
SHPD	State Historic Preservation Division - DLNR
TIAR	Traffic Impact Analysis Report
TMK	Tax Map Key
TOD	Transit-Oriented Development
USACE	United States Army Corps of Engineers
USGS	United States Geological Service
WRCC	Western Regional Climate Center

1.0 PROJECT SUMMARY

DEVELOPER/APPLICANT:	MJF Development Corporation (Applicant) 770 Kapiolani Blvd., # 200~~1541 S. Beretania Street, Suite 101~~ Honolulu, HI 96813~~26~~
AGENT:	Hawai'i Planning, LLC ~~1001 Bishop Street~~ ~~ASB Tower, Suite 2755~~7 Waterfront Plaza 500 Ala Moana Blvd., Ste. 400 Honolulu, HI 96813 Contact: Dennis Silva, Jr., AICP
APPROVING AGENCY:	Hawaii Housing Finance and Development Corporation (HHFDC)
PROJECT NAME:	803 Waimanu (Project)
PROJECT LOCATION:	803 Waimanu Street and 764 Kawaiahao Street in the Mauka Area of the Kaka'ako Community Development District (~~"~~KCDD~~"~~)
TAX MAP KEYS:	2-1-049: 050, 070 & 072 (Site)
OWNERSHIP:	~~Action Development~~Eight Zero Three Waimanu, LLC 770 Kapiolani Blvd., # 200~~863 Halekauwila~~ Honolulu, HI 96813
LOT AREA:	21,192 SF (0.49 acres)
ZONING:	MUZ-C Mixed-Use Commercial
SPECIAL DISTRICT:	Kaka'ako Community Development District (KCDD) Mauka Area
STATE LAND USE:	Urban
EXISTING LAND USE:	The proposed development is located between Waimanu Street and Kawaiahao Street near Dreier Street. The Site is currently occupied by a one to two

story warehouse with light industrial tenants and auto repair shops. Waimanu Street and Kawaiahao Street are both two lane roadways characterized by similar light industrial land uses.

NATURE OF DEVELOPMENT: MJF Development Corporation has proposed to develop a 7-story mid-rise condominium and will be constructed in a single phase which will consist of 153 residential dwelling units and 91 parking stalls. A total of 101 units (66%) are priced as affordable to households between 80% and 140% of the Area Median Income (AMI). The remaining 52 units are market rate.

PROJECT COST: Approximately $40,000,000.00

PROJECT SCHEDULE: The P~~p~~roject is anticipated to be completed in March 2017.

CHAPTER 343 ACTION: Use of State funds Dwelling Unit Revolving Fund (DURF), refer to Section 2.2.1.

ANTICIPATED DETERMINATION: Finding of No Significant Impact (FONSI)

2.0 PROPOSED PROJECT AND STATEMENT OF OBJECTIVES

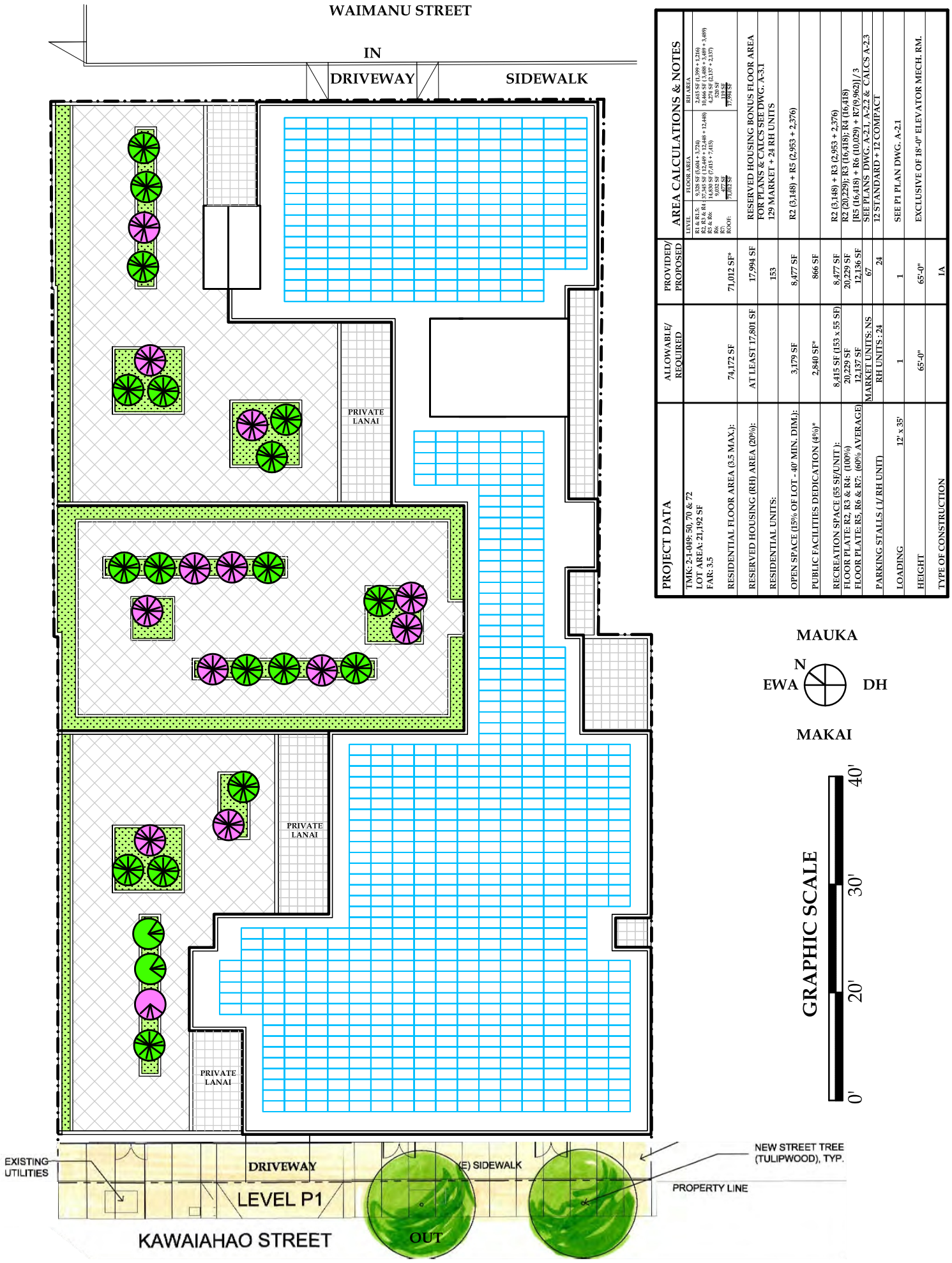
2.1 Project Location

MJF Development Corporation (Applicant) is proposing to develop a 7-story mid-rise condominium titled “803 Waimanu” (Project) within the Mauka Area of Kaka’ako, O’ahu, Hawai’i. The site is 0.49 acres or approximately 21,189 square feet and includes three parcels identified by Tax Map Keys: 2-1-049: 050, 070 & 072 (Site). The Site is located makai of Waimanu Street at its intersection with Dreier Street near Kapi’olani Boulevard. Imperial Plaza, a neighboring residential building, is located at the e~~E~~wa end of -Waimanu, just past Dreier Street and adjacent to the Site. 803 Waimanu will replace the existing approximately 20,000 square feet (sf) of warehouses currently occupying the Site. Several light industrial tenants currently occupy the warehouses on a month-to-month basis. The location map is shown in Figure 1.

803 Waimanu– proposes construction in a single phase consisting of 153 residential dwelling units and 91 parking stalls. The project site plan (Figure 2) shows that 803 Waimanu will be accessed from Waimanu Street via a one-way in driveway. Exiting traffic will use a one-way out driveway to Kawaiahao Street. Figure 3 – Tax Map illustrates the Site as three separate parcels. Figure 4 – Site Photographs, show the current condition of the Site and surrounding area. Figure 4a – Rendering, illustrates the three-dimensional design of the Project.

The Site is located within the Mauka Area of the Kaka’ako Community Development District (KCDD), which is bounded by Pi’ikoi Street, Ala Moana Boulevard, Punchbowl Street and King Street and was designated by the Hawaii State Legislature in 1976 to be under the jurisdiction of the Hawai’i Community Development Authority (HCDA). The Project area is located within the boundaries of the KCDD Mauka Area Plan and is subject to the KCDD Mauka Area Rules.

Figure 1 - Location Map



PROJECT DATA	ALLOWABLE/ REQUIRED	PROVIDED/ PROPOSED
TMK: 2-1-049: 50, 70 & 72 LOT AREA: 21,192 SF FAR: 3.5		
RESIDENTIAL FLOOR AREA (3.5 MAX):	74,172 SF	71,012 SF*
RESERVED HOUSING (RH) AREA (20%):	AT LEAST 17,801 SF	17,994 SF
RESIDENTIAL UNITS:		153
OPEN SPACE (15% OF LOT - 40' MIN. DIM.):	3,179 SF	8,477 SF
PUBLIC FACILITIES DEDICATION (4%)*	2,840 SF*	866 SF
RECREATION SPACE (55 SF/UNIT):	8,415 SF (153 x 55 SF)	8,477 SF
FLOOR PLATE: R2, R3 & R4: (100%)	20,229 SF	20,229 SF
FLOOR PLATE: R5, R6 & R7: (60% AVERAGE)	12,137 SF	12,136 SF
PARKING STALLS (1/RH UNIT)	MARKET UNITS: NS RH UNITS : 24	67 24
LOADING	12' x 35'	1
HEIGHT	65'-0"	65'-0"
TYPE OF CONSTRUCTION		IA

AREA CALCULATIONS & NOTES

LEVEL	FLOOR AREA	RH AREA
R1 & R1.5:	9,328 SF (5,604 + 3,724)	2,615 SF (1,399 + 1,216)
R2, R3 & R4:	37,345 SF (12,449 + 12,448)	10,466 SF (3,488 + 3,489 + 3,489)
R5 & R6:	14,839 SF (7,415 + 7,415)	4,274 SF (2,137 + 2,137)
R6:	7,415 SF	2,137 SF
R7:	3,072 SF	319 SF
ROOF:	71,012 SF	17,994 SF

RESERVED HOUSING BONUS FLOOR AREA FOR PLANS & CALCS SEE DWG. A-3.1

129 MARKET + 24 RH UNITS

R2 (3,148) + R5 (2,953 + 2,376)

R2 (3,148) + R3 (2,953 + 2,376)

R2 (20,229); R3 (16,418); R4 (16,418)

[R5 (16,418) + R6 (10,029) + R7(9,962)] / 3

SEE PLANS DWG. A-2.1, A-2.2 & CALCS A-2.3

12 STANDARD + 12 COMPACT

SEE P1 PLAN DWG. A-2.1

EXCLUSIVE OF 18'-0" ELEVATOR MECH. RM.

Figure 2 - Site Plan

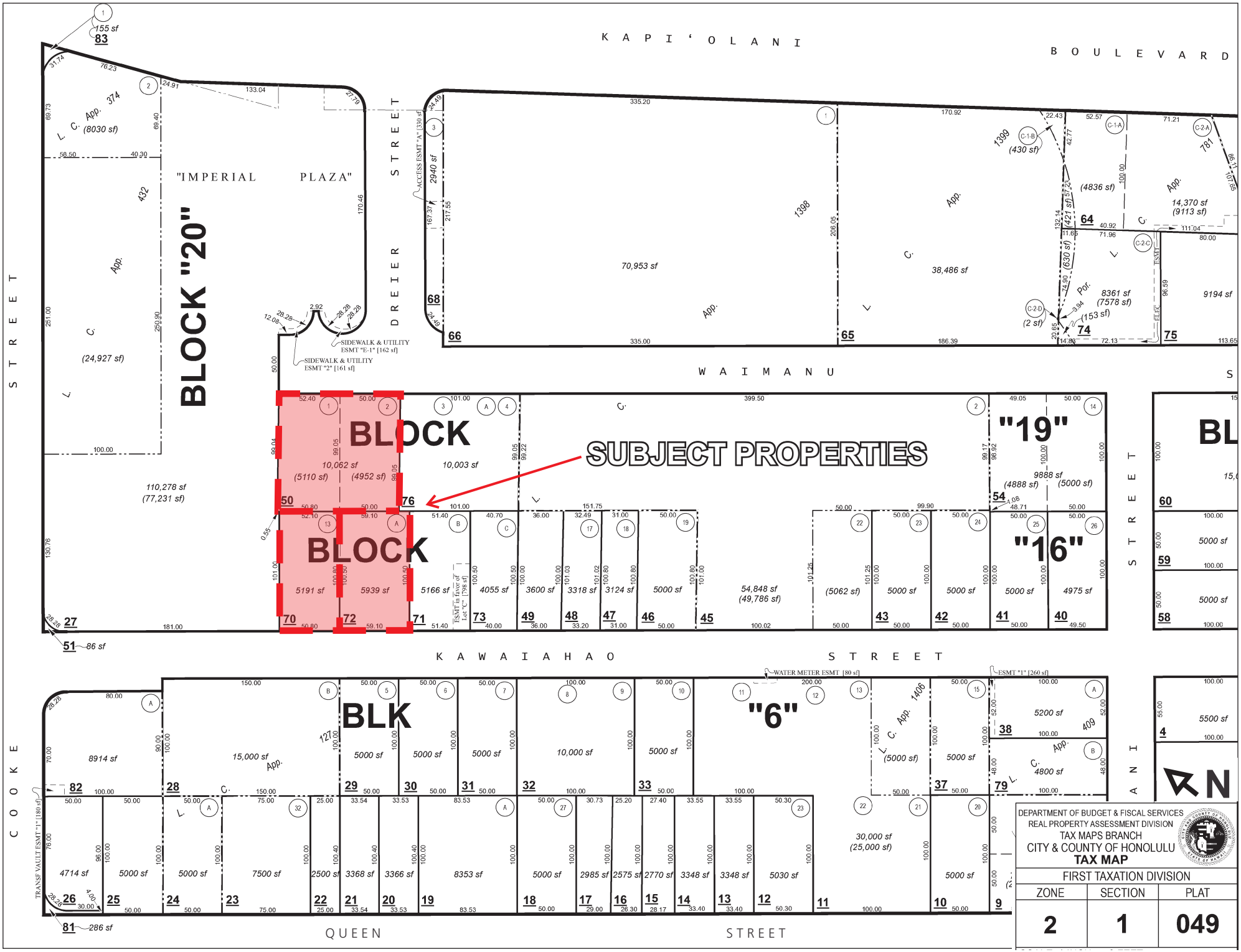


Figure 3 - TMK Map

1. View of Site from Waimanu Street

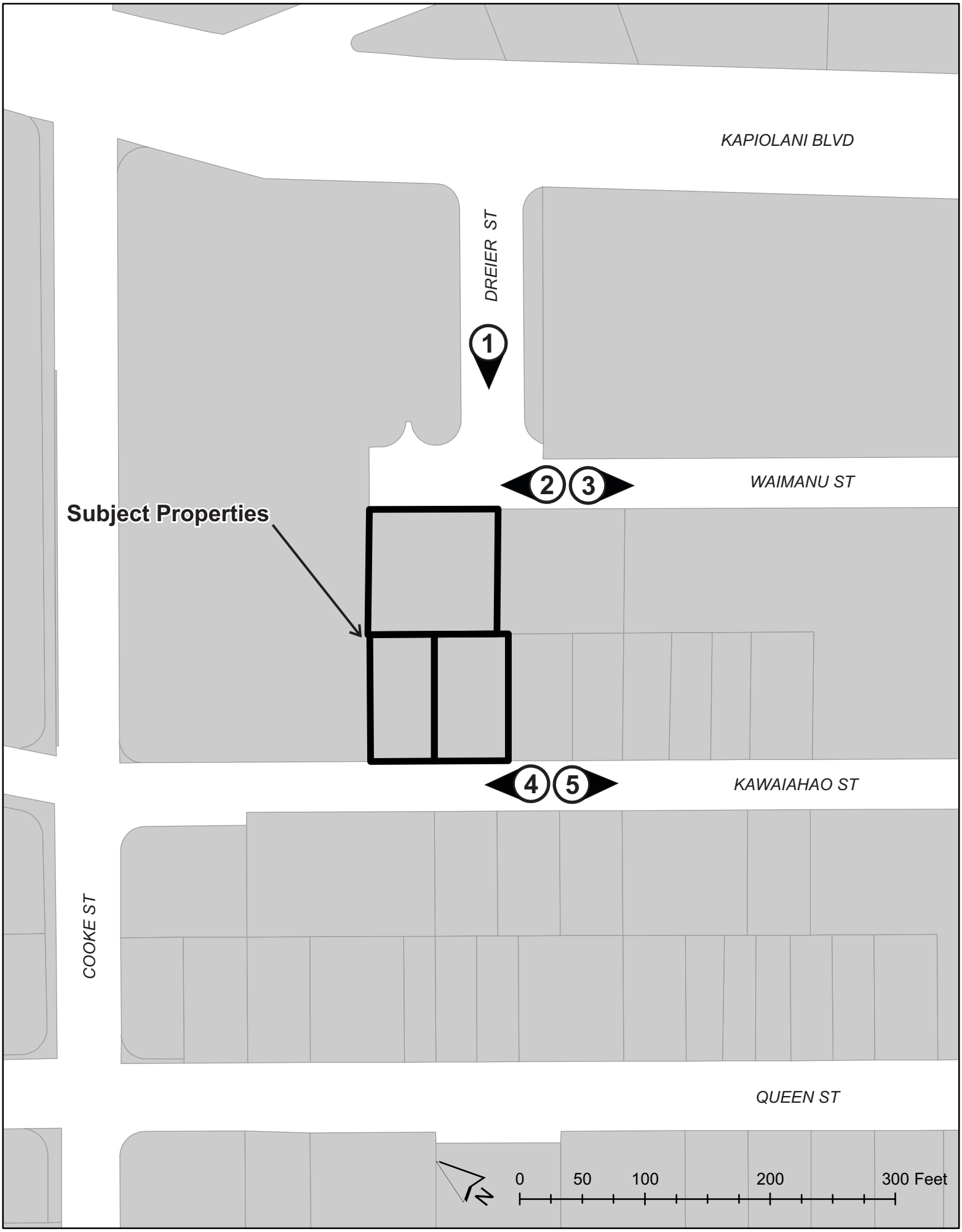
2. View north along Waimanu Street

3. View south along Waimanu Street

4. View of Site from Kawaihao Street

5. View south along Kawaihao Street

Figure 4 - Site Photographs


KAPIOLANI BLVD
DREIER ST
1
2
3
WAIMANU ST
Subject Properties
4
5
KAWAIAHAO ST
COOKE ST
QUEEN ST
0
50
100
200
300 Feet

3D VIEW LOOKING MAKAI
SCALE: NTS

3D VIEW LOOKING MAUKA
SCALE: NTS

Figure 4a - Rendering

2.2 Project Description

Please refer to Architectural Drawings included as Appendix A. The proposed development is comprised of a six story U-shaped building atop a one story podium structure, for a total of seven stories within the 65-foot height limit. It is anticipated that Type IB, reinforced concrete construction with fire sprinklers will be used. The ground floor, R1-R1.5 on the plans, covers the lot with the exception of a strip along Kawaiahao Street, approximately 8'-6" wide, and an area of 866 sf to partially fulfill the Public Facility Dedication requirement. The ground floor contains parking, lobby, office, circulation, and service spaces, with 12 split level units with stoops lining both Waimanu and Kawaiahao Streets. Hidden behind the residential units, the interior of the ground floor provides 90~~1~~ parking stalls using a three-tiered system of mechanical lifts. Sample imagery for the lifts can be seen on Sheet A-4.3 of the attached Architectural Drawings. The lifts are designed to be semi-automated and unattended. A 12 ft wide ingress driveway will give access to the parking from Waimanu Street with a similar egress driveway onto Kawaiahao Street. In addition, the parking houses a 12 ft by 35 ft loading zone, one Accessible Van stall & bicycle parking.

The U shaped building atop the podium level contains flats lining a double loaded corridor served by two elevators, two stairways, and one trash room on each floor with a chute to the main trash room on the first level. On the second level a 41'-8" wide, 3,148 sf landscaped courtyard separates those residential units that look inward. The building steps back on level six to create two additional landscaped roof decks totaling 5,329 sf which view sunrise and sunset and are suitable for lounging and hosting large and small gatherings of residents and their guests.

The tables below provide a detailed breakdown of unit mix, programming, and parking.

Table 1 - Unit Mix and Area

Unit Type	Sq. Ft. per unit (weighted avg.)	Number of Units	Net Residential Area (sq.ft.)
0-BR	386.4	123	47,532
1-BR	616.8	29	17,888
2-BR	1,029	1	1,029
Total		153	66,449

Table 2 - Programming Breakdown (all areas in sq.ft.)

Net Residential Area (units only)	66,449
Common Areas	26,153
Gross Residential Area (units + common areas)	92,602
Parking Area	13,272
Total Built Area (including parking)	105,874
Parking Stalls, Resident	90~~1~~
Parking Stalls, Guest	0
Accessible Van	1
Total Stalls	91
~~Accessible Van~~	~~1~~

To take full advantage of the mild Hawaiian climate, instead of the typical windows, most of the units will be provided with full height sliding glass doors with "French" balconies protected by 42" high aluminum railings. Given the project's urban location within walking distance to and from the downtown Business District, the Civic Center, and the Commercial District, including Ala Moana Shopping Center, the target population is expected to include workers of all ages who are in great need of small, and therefore

affordable, units. With this target population in mind, the majority of the units are studio (efficiency) units. Designed with a depth of over 33ft, all studio units are provided with a sliding partition to compartmentalize the living/dining area from the sleeping area. All units are to be provided with individual AC units and a stacked washer/dryer.

Per the Federal Fair Housing Act ("FHA") guidelines, all units will be FHA accessible/adaptable ("Adaptable"). In addition, a minimum of 5% of the units will be fully accessible per the Americans with Disabilities Act ("ADA") and Architectural Barriers Act ("ABA") accessibility guidelines ("Accessible"). An additional minimum of 2% of the units will be Accessible with the addition of specially designed features to accommodate the visually or hearing impaired. The Project will comply with the Department of Justice's 2010 ADA Standards for Accessible Design, the 2004 Americans with Disabilities Act Accessibility Guidelines (ADAAG), and the Federal Fair Housing Act Accessibility Guidelines (FHAG). In addition, the Applicant will strongly consider use of the U.S. Access Board's Proposed Guidelines for Pedestrian Facilities in the Public Right-of-Way.

The proposed project will be LEED Certified for New Construction (LEED-NC).

2.2.1 Affordability and Residential Units

803 Waimanu consists of a mix of 123 studios, 29 one-bedrooms, and one (1) two-bedroom unit, totaling 153 units. The studio units range from 384 to 434 square feet. One bedroom units range from 453 to 784 square feet. The two bedroom unit is 1,029 square feet. Twenty percent (20%) of the residential floor area, 24 units, are set aside as Reserved Housing under the Mauka Area Plan, Mauka Area Rules, and the Kaka'ako Reserved Housing Rules (20% of floor area is the requirement but the Project exceeds the requirement). Reserved Housing is regulated by HCDA. 51% or 77 units will be restricted by HHFDC in order to qualify the Project for Dwelling Unit Revolving Fund (DURF) financing. Therefore, a total of 101 of the units (or 66%) is restricted as affordable with the remaining 52 units to be unrestricted and sold at market rate.

Table 3 – HHFDC Restricted Units & HCDA Reserved Housing Units

	Restricted by HHFDC	HCDA Reserved Housing	Market Rate	Total
Studios	77	6	40	123
One-Bedrooms		17	12	29
Two-Bedroom		1	0	1
Total Units	77	24	52	153

The minimum requirement under both Reserved Housing and HHFDC is to restrict units so they are priced as affordable to households earning 140% of Area Median Income (AMI), but in fact deeper affordability is required by both agencies. In Table 4 - AMI Levels and Unit Prices, the proposed affordability and the achievable pricing from the Market Study (Appendix B) is shown.

Table 4 - AMI Levels and Unit Prices

Unit Type	Restriction (AMI %)*	Restricting Agency	Number of Units	Unit Size (SF)	Market Study Achievable Unit Price
Studio	80%	HHFDC	62	384	$240,000
Studio	100%	HHFDC	12	384	$297,600
Studio	110%	HHFDC	3	434	$336,350
Studio	100%	HCDA	6	384	$268,800
1BR/1BA	110%	HCDA	1	453	$351,075
1BR/1BA	120%	HCDA	4	536	$ 375,200
1BR/1BA	120%	HCDA	3	541	$ 378,700
1BR/1BA	130%	HCDA	5	655	$ 409,375
1BR/1BA	140%	HCDA	3	666	$449,550
1BR/1BA	140%	HCDA	1	784	$450,800
2BR/1.5BA	140%	HCDA	1	1,029	$540,225
Studio	Unrestricted	NA	37	384	$307,200
Studio	Unrestricted	NA	3	434	$342,860
1BR/1BA	Unrestricted	NA	1	536	$415,400
1BR/1BA	Unrestricted	NA	1	570	$441,750
1BR/1BA	Unrestricted	NA	9	650	$487,500
1BR/1BA	Unrestricted	NA	1	655	$491,250

The 62 studio units set aside at 80 percent AMI will not include parking. The Market Study states that these units will be among the lowest priced condominiums in the market and that there is currently no available or planned inventory for sale at or below 80% AMI. Priced $67,000 below a comparable market rate unit with parking, the market study concludes that the Project's studio units without parking will be marketable at the recommended pricing.

The Chapter 343, Hawai'i Revised Statutes (HRS) trigger for this EA is the applicant's intended use of Dwelling Unit Revolving Fund (DURF) as a source of construction financing.

2.2.2 Parking and Vehicular Access

Vehicular access will be via Waimanu Street for the entrance, exiting to Kawaiahao Street. 803 Waimanu proposes 153 residential units and 91 parking stalls. Parking is provided on the ground floor using a three-tiered mechanical lift system. Sample imagery of the lifts can be seen on sheet A-4.3 of the attached plans (Appendix A). The lifts are designed to be semi-automated and unattended. As previously stated in Section 2.2.1 – Affordability and Residential Units, the sixty-two (62) 80% AMI studio units will have no onsite parking. The elimination of a parking stall connected to a condominium unit creates "natural affordability" and promotes walking, biking and using public transportation. All other units besides the 80% AMI studios will have one parking stall. With the Project's proximity to the future Civic Center rail station and existing bus routes, residents with no parking space have sufficient access to public transit. Refer to Figure 4b – Civic Center Station, 0.25 mile Radius for a graphic representation of the proximity of the Project to the future rail station, approximately 0.25 miles. The automated parking lift system will have an annual maintenance contract of approximately $10,000, the cost of which will be borne pro rata by the units with parking stalls. Units without parking will not be assessed for maintenance of the parking lift. The cost will be approximately $110 per unit per year.

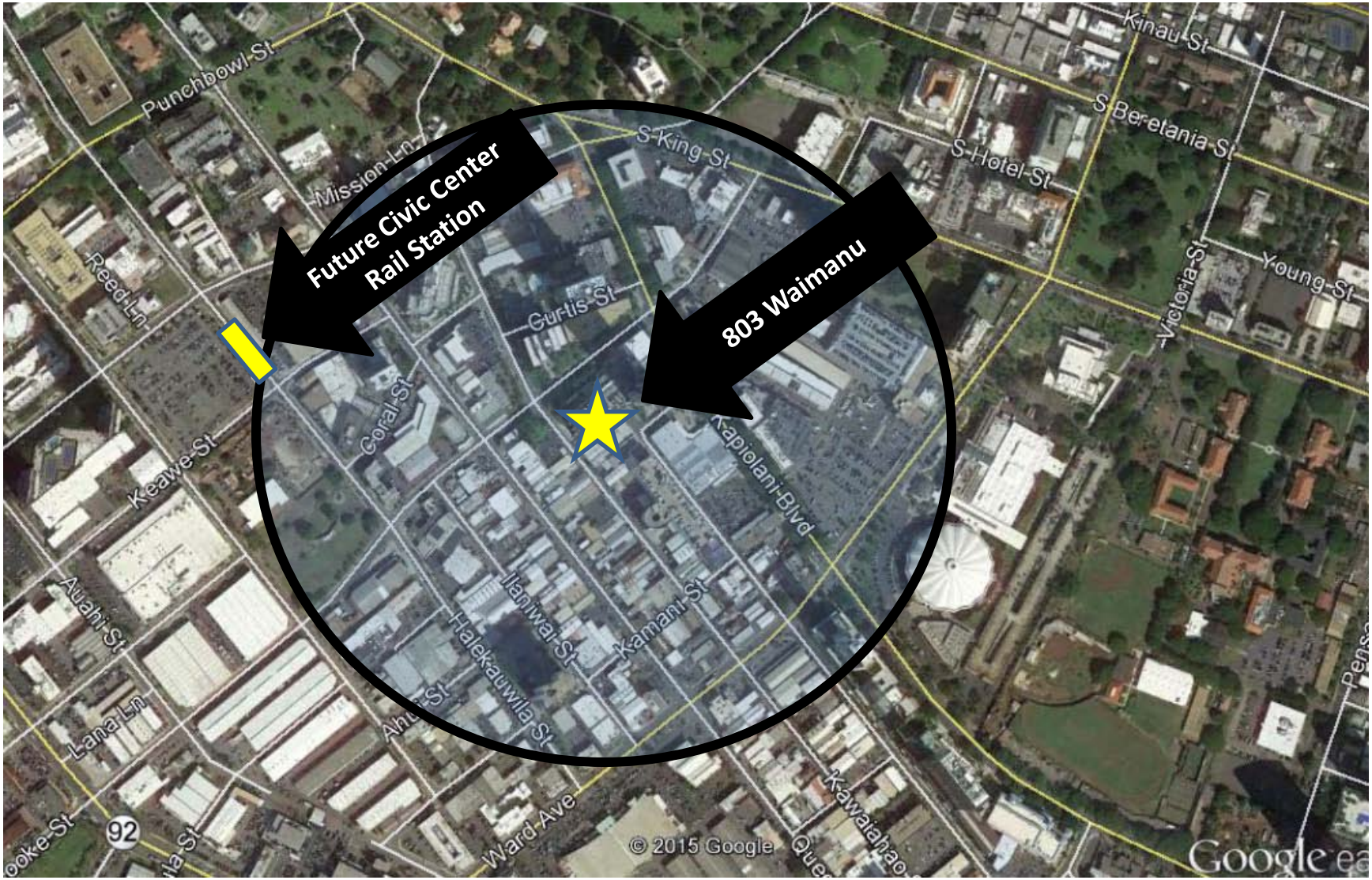


Figure 4b – Civic Center Station

2.2.3 Transit-Oriented Development

Transit oriented development is characterized by the following:

- Increased density near transit nodes;
- Reduced onsite parking;
- Bicycle storage facilities;
- Preferred parking for car-shares and low emission vehicles;
- Walkability to employment, shopping, services, entertainment, and recreation.

The Project exhibits each of these characteristics. Initially designed as a high-rise with over 200 units, the Project was scaled back through the HCDA approval process and therefore provides the maximum amount of density allowable by HCDA on the Site. The Site is currently served by several bus lines, including within two blocks TheBus lines 6, 3, 9, 13, 15, 40, 52, 53, and 62. The Site is also located within 1/4 mile of the future Civic Center Rail Station on Halekauwila Street between South Street and Keawe Street. The Kaka'ako Community Development District completed a Transit-Oriented Development (TOD) Overlay Plan on May 2, 2013, and the Site is projected to be within the TOD area, though the plan is not yet approved. Storage for 100 bicycles will be provided onsite, as will preferred parking for low emission vehicles. With a "walkscore" of 94 out of 100 from walkscore.com, the Site is considered a "Walker's Paradise," meaning most errands can be accomplished on foot.

2.3 Project Objective

The Project will provide 153 new moderately priced condominium units with generous yet cost effective on-site amenities and access to exceptional off-site amenities, including public transit. As discussed in the Section 2.2.1 on affordability, 803 Waimanu will provide 101 price-restricted and 52 unrestricted, market-rate units. The units are purposely small to provide "natural affordability" and to serve a submarket that is currently underserved. With only 91 parking stalls, 62 units restricted at 80% AMI will be without parking and will

be priced lower than comparable units with parking, allowing deeper levels of affordability than are available in the marketplace. The affordability mix and units with parking versus units without increases the diversity of the housing stock in the community. 803 Waimanu will be designed to the Leadership in Energy and Environmental Design New Construction (LEED-NC) basic certification level.

2.4 Funding and Scheduling

The total development cost for the Project will be approximately $40 million. It is anticipated that 803 Waimanu will apply for a Dwelling Unit Revolving Fund (DURF) loan through HHFDC pursuant to HRS Section 201H-191 and applicable Administrative Rules. DURF may be used for acquisition of real property, development and construction of affordable housing projects, and interim loans to eligible developers of affordable housing projects primarily designed for lower income housing. Other than DURF, conventional debt and equity will be used to finance the Project. Sale of the condominium units will be the "take-out" source, meaning the revenue will be used to pay off the interim construction financing. Table 5 - Milestone Dates shows the projected schedule summary for the Project. Note in Table 5 that the Design/Entitlement phase was completed in January 2014. This is due to the HCDA approval of the Project on January 8, 2014, at which time the Applicant's development permit number KAK 13-091 was approved.

Table 5 - Milestone Dates

Milestone	Dates
Design/Entitlement	January 2014
Construction Start	January 2016
Construction End	March 2017

From design/entitlement to end of construction is approximately 3.2 years.

2.5 HCDA Approval of 803 Waimanu

The Project was approved by HCDA on January 8, 2014. The HCDA project number is KAK-13-091: 803 Waimanu Street. As stated in the Staff Report and Recommendations, the Project is not requesting any modifications to the Mauka Area Rules. The HCDA Board adopted the following Findings of Fact relating to the Development Permit application:

1. The Project as proposed is consistent with the objectives of the Mauka Area Plan and Rules.

2. The Project complies with and advances the goals, policies and objectives of the Mauka Area Plan.

3. The Project protects, preserves, and enhances desirable neighborhood characteristics through compliance with standards and guidelines of the Mauka Area Rules.

4. The Project does not have adverse effect on the surrounding land uses and is compatible with the existing and planned land use character of the surrounding area.

5. As determined by the Executive Director, there is adequate infrastructure capacity in the area to support the Project.

The Authority approves the 803 Waimanu Street Development Permit No. KAK 13-091 as presented by HCDA staff. (Source: 803 Waimanu Staff Recommendations and HCDA Approval Minutes)

3.0 DESCRIPTION OF ENVIRONMENT, ANTICIPATED IMPACTS AND MITIGATION

3.1 Environmental Setting

The Site's land area is approximately 21,192 square feet. Currently on the Site are four one to two story warehouse structures that encompass the majority of the land area. Six (6) light industrial tenants occupy the existing buildings on month-to-month leases and will vacate the Site prior to construction. The Site is devoid of vegetation and trees.

3.2 Surrounding Uses

803 Waimanu is located in the Mauka Area of the Kaka'ako Community Development District and is surrounded by predominately commercial retail uses with scattered multifamily residential, commercial office and light industrial uses. Imperial Plaza, a residential, high-rise development, which is in generally good condition, is adjacent to the northwest. Several auto repair shops in generally good condition are across Kawaiahao Street to the west. An institutional use, CARE Hawaii, is located to the south, with several other commercial and light industrial uses in generally good condition further south along Kawaiahao Street. An auto dealership is located directly east of the Site. Retail buildings with scattered office and light industrial uses in generally average to good condition extend farther in all directions. The Site is located within a highly urbanized area located within the Primary Urban Center (PUC).

3.3 Environmental Considerations

3.3.1 Geological Characteristics

Topography

The surrounding area is essentially flat within a one (1) mile radius towards the south and west from the Site. A slight upward gradient exists within a one (1) mile radius towards the north and east. The topographic elevation, from USGS Topographic Maps and Global

Positioning System (GPS) reading, is approximately three (3) feet above mean sea level (MSL).

Potential Impacts and Mitigation Measures

The Project will have no impact on topography as described above.

Climate

The State of Hawai'i climate is relatively moderate throughout the island chain, although some differences in conditions may occur from one location to another due to the mountainous topography associated with each island. Annual and daily variation in temperature depends to a large degree on elevation above sea level, distance inland, and exposure to the trade winds. On O'ahu, the Ko'olau and Wai'anae mountain ranges are oriented almost perpendicular to the trade winds, which account for much of the variation in local climate.

O'ahu's temperatures have small seasonal variation such that the temperature range averages only 7 degrees difference between the warmest months (August to September) and the coolest months (January and February) and about 12 degrees between day and night. Based upon historic data from a recording station in Waikiki, average annual temperatures range from a low of 69 to a high of 85 degrees Fahrenheit throughout the year. Monthly rainfall varies from a low of generally less than 1 inch of during the summer (June to August) to as much as 4 inches during winter periods (November to January) (WRCC 2007).

Winds are predominantly "trade winds" from the east-northeast except for occasional periods when "Kona" storms generate strong winds from the south, or when the trade winds are weak and land breeze to sea breeze circulations develop. Wind speeds typically vary between 5 and 15 miles per hour providing relatively good ventilation much of the time. Lower velocities (less than 10 mph) occur frequently when the usual

northeasterly trade winds tend to fall, giving way to light, variable wind conditions through the winter and into early spring.

Potential Impacts and Mitigation Measures

The Project will have no impact on the climate in urban Honolulu.

USDA Soil Survey Report

The surface soils on the Site are classified by the U.S. Department of Agriculture as “Fill Land, Mixed” (FL). The soil surface texture was classified as “variable” with moderately fine or fine textures. The Hydrologic group was a “Class C” which describes soils with slow infiltration rates. Fill land is typically found near Pearl Harbor and in Honolulu, adjacent to the ocean. It consists of areas filled with material dredged from the ocean or hauled from nearby areas, garbage, and general material from other sources. This land type is used for urban development including airports, housing areas, and industrial facilities. Figure 5 – Soils Map, illustrates the soil classification for 803 Waimanu.

Potential Impacts and Mitigation Measures

The Project will have no impact on soils.

3.3.2 Water Resources

Hydrologic Hazards and Resources

Tsunami Inundation

The Civil Defense Tsunami Inundation Maps Panel 19 indicates that the project S~~s~~ite is not located in an area vulnerable to tsunami inundation. Figure 5a – Tsunami Inundation Zone – provides a graphic representation of the tsunami evacuation zone in relation to the Site.

Soil Map—Island of Oahu, Hawaii
(803 Waimanu)

USDA **Natural Resources Conservation Service**

Web Soil Survey
National Cooperative Soil Survey

Figure 5 - Soils

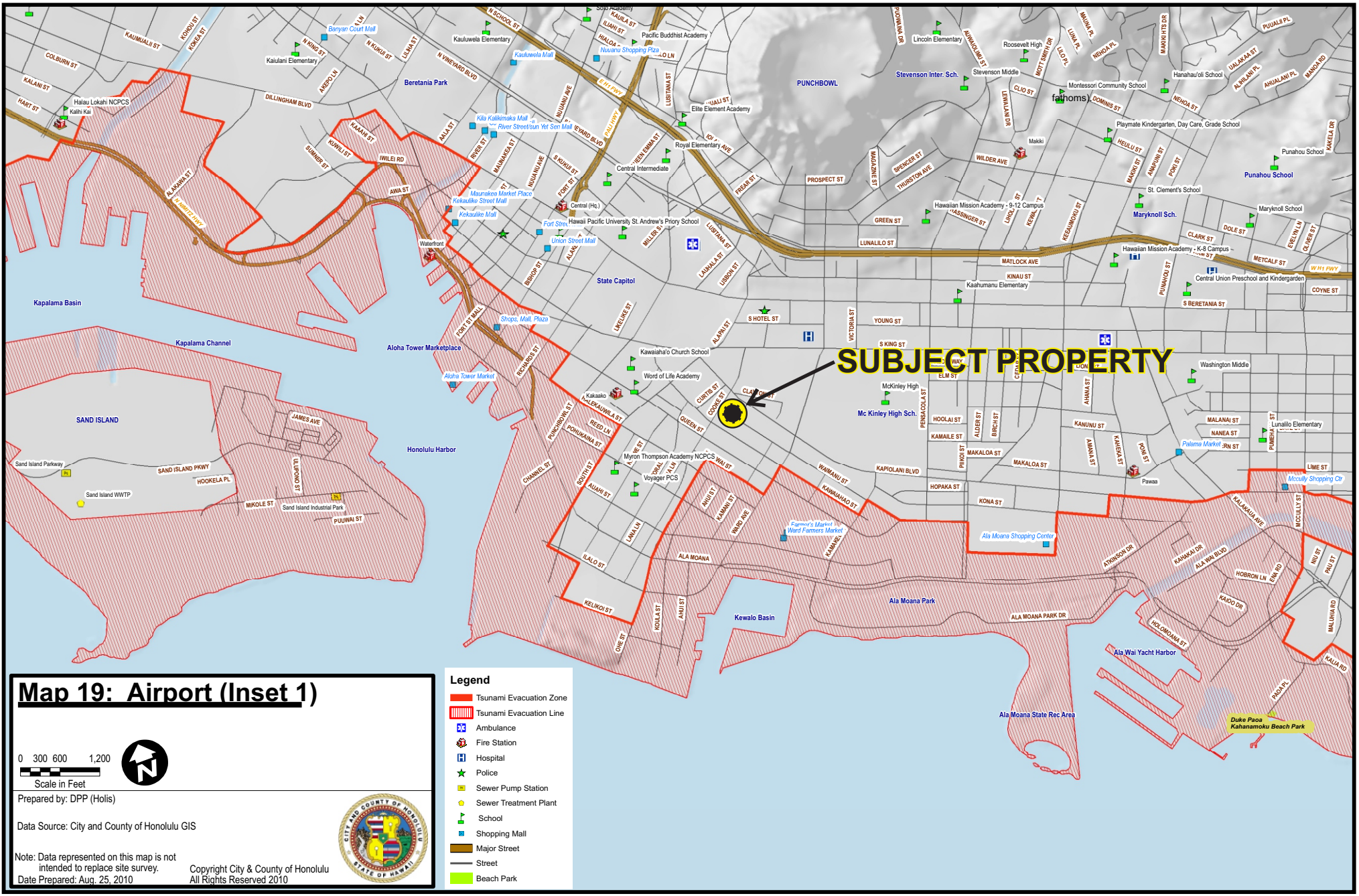


Figure 5a – Tsunami Inundation Zone - Map 19

Potential Impacts and Mitigation Measures

As illustrated in Figure 5a, the Site is located outside the tsunami evacuation zone and has little to no impact from tsunami inundation. However, it should be noted that future tsunami events cannot be accurately determined because it is based on the magnitude of earthquakes. Oahu's Outdoor Warning Siren System warns people in the case of tsunamis, hurricane's, or other natural disasters, The Applicant will work with the Department of Emergency Management to ensure there is enough audio coverage to serve the Project.

Water

In consultation with the Board of Water Supply (BWS) it was determined that the existing water system is adequate to accommodate the proposed development. The final decision on the availability of water will be confirmed when the building permit application is submitted following the EA process.

Potential Impacts and Mitigation Measures

The preliminary determination from BWS states that the existing water system is adequate to accommodate the Project. There is therefore no significant impact on the water system. 803 Waimanu will implement water conservation measures as required by BWS for all new developments. The Project will also adopt landscape irrigation BMPs endorsed by the Landscape Industry Council of Hawaii. The Project will ensure compliance with: "Rules Relating to Soil Erosion Standards and Guidelines," April 1999; "Rules Relating to Storm Drainage Standards," effective June 1, 2013; HAR §11-54 "Water Quality Standards;" and HAR §11-55 "Water Pollution Control."

Special Management Area

The Site is not located within the boundaries of the Special Management Area (SMA) Map.

Potential Impacts and Mitigation Measures

The Project has no impact on the SMA since it is not within the SMA boundary.

3.3.3 Archaeological Assessment

A Literature Survey of Previous Archaeological Studies in the Vicinity of the Proposed 803 Waimanu Housing Project – Appendix C is summarized and discussed in this section. Appendix C was prepared by SCS, Inc. and provides a map illustrating the twenty-two previous Archaeological Studies in proximity to 803 Waimanu. Table 6 - Previous Archaeological Studies in the Vicinity of 803 Waimanu lists the prior studies conducted and findings, if any.

Table 6 - Previous Archaeological Studies in the Vicinity of 803 Waimanu

Author	Year	Level	Description
Shiltz	1991	Assessment	Assessment of Archaeological Resources at the Proposed Queen Emmalani Tower Project
Kawachi	1991	Monitoring	Queen Emmalani Tower – 1 human cranium and 1 femur from backdirt pile
Douglas	1991	Monitoring	8 burials were recorded and 5 reinterred during construction of Pohulani Elderly Housing
Hammatt & Pfeffer	1993	AIS	29 burial pits identified in the Brewery and Honukaha Affordable Housing parcel
Anderson a, b,c	1995	AIS	Identified a historic habitation site consisting of rubbish pit features and an outhouse pit
Winieski *et al.*	1996	Monitoring	33 burials recorded and 11 disinterred, 14 more inadvertently discovered during monitoring
Anderson & Aronson	1997	Monitoring	29 inadvertent burial discoveries during construction of One Archer Lane
Allen	1997	Monitoring	Monitoring during geotechnical borings produced no findings
Winieski *et al.*	2001	Monitoring	Monitoring during geotechnical borings produced no findings, cinder and sand sediments under fill
Perzinski *et al.*	2004	AIS	12 backhoe trenches excavated, no findings in footprint of new fire department building
Monahan *et al.*	2005	AIS	9 backhoe trenches excavated, no findings
Perzinski *et al.*	2005	AIS	13 backhoe trenches dug, 2 more isolated skeletal fragments and 3 historic features recorded

Stein *et al.*	2007	Monitoring	Monitoring during construction of fire department headquarters, utility trenches, imported fill layers
O'Hare *et al.*	2007	AIS	28 backhoe trenches dug, 3 burials (2 historic, 1 undetermined), 7 trash pits
O'Hare *et al.*	2008	BTP	Burial treatment for 1 burial 3 burials discovered during the previous AIS testing
Hazlett *et al.*	2008	Monitoring	2 additional isolated skeletal fragments discovered from fill sediments, no additional features
Author	**Year**	**Level**	**Description**
Sroat *et al.*	2013	Monitoring	3 additional trash pits were recorded and designated as features of Site 50-80-14-6901
Dagher & Spear	2013	BTP	Burial Treatment for 1 burial disturbed during posthold excavations
Mintmier *et al.*	2013	AIS	Identified 5 Historic subsurface features (3 utility trenches, 1 concrete foundation, 1 metal slag
Pestana & Spear	pending	Monitoring	Identified 1 Historic foundation, wall segments, and 2 trash pits, as well as pond sediments

Source: A Literature Survey of Previous Archaeological Studies in the Vicinity of the Proposed 803 Waimanu Housing Project – Appendix C. Key: Archaeological Inventory Survey (AIS) and Burial Treatment Plan (BTP)

Potential Impacts and Mitigation Measures

The Literature Survey concluded that, based on the historical development of Kaka'ako as well as the results of 22 previous archaeological studies in the vicinity, excavation may discover pre- or post-Contact human burials. In addition to burials, excavation is highly likely to reveal buried remnants of previous buildings, remnants of historic utility trenches, historic rubbish deposits, or pond sediments associated with previously documented State Site 50-80-14-6636, the 'Kewalo Wetland. The Developer will prepare an Archaeological Inventory Survey (AIS) meeting the requirements of HAR §13-276-5, ~~after the buildings are demolished~~ per the HCDA condition of approval (KAK 13-091- 803 Waimanu Street).

An archaeological inventory survey plan (AISP) will be submitted to SHPD for review and approval, pursuant to Hawaii Administrative Rule (HAR) §13-275, prior to initiating the

AIS. Preparation of the AISP will include consultation with Native Hawaiian Organizations, including the Oahu Island Burial Council (OIBC), the Office of Hawaiian Affairs, recognized cultural descendants, and any other interested parties. Once the AIS work is complete, sites, artifacts or objects are assessed for historic significance within the context of the National and State Register of Historic Places. Based on these findings, the AIS will include recommended mitigation which can include a range of plans and reports including, but not limited to, a monitoring plan, preservation plan, data recovery plan, or a burial treatment plan.

If human remains are discovered during the AIS, the burial treatment plan will include required mitigation measures. When human remains related to a specific ethnic group are discovered, SHPD works with cultural organizations, and anyone who wishes to relocate, or preserve in place, previously identified, Hawaiian burials over 50 years old may do so with approval of the OIBC. In the event that any previously unidentified sites or remains are encountered during construction and site work phases, work in the immediate area will cease until the SHPD has been notified and is able to assess the impact and make further recommendations for mitigation, if warranted.

3.3.4 Cultural Context

A Cultural Impact Assessment (CIA) was conducted by Cultural Surveys Hawaiʻi for the Draft Mauka Area Plan, Kakaʻako Community Development District (KCDD) in 2008. The purpose of a cultural impact assessment is to identify cultural resources in a given area, and to assess whether the proposed activity will impact these resources. According to the CIA, portions of Kaka'ako and Kewalo, were a part of a 125-acre land awarded to Victoria Kamamalu in the Great Mahele ("divide") of 1848. Kaka'ako / Kewalo is situated between Kou, which is an area encompassing present-day downtown Honolulu to the Honolulu Harbor, and Waikiki, both of which were densely populated centers of activities. Waikiki and Kou rendered themselves as sustainable, thriving communities where taro loʻi (irrigated fields) spanned across the plains, sustained with water flowing from Makiki,

Manoa, and Palolo valleys and Nuuanu and Pauoa valleys, respectively. An "Archaeological Monitoring Plan for the Kaka'ako Community Development District" performed for the Improvement District Program 10 states that the Waikiki ahupuaa gained even more prominence as the place of residence for King Kamehameha I after he wrested control over the islands by defeating Oahu's chief, Kalanikupule (Bush and Hammatt, 2002).

During the Great Mahele of 1848, King Kamehameha III, who inherited from his brother control of all the lands of the kingdom, made it possible for his chiefs and people to own land. The Great Mahele provided for the people the ability to own and receive titles to the land (kuleana) they worked on. Some of the recorded testimonies related to individual kuleana awards reveal that many of the occupied lots were characterized as being on salt plains, loko (fish ponds), and kalo (taro) patches (O'Hare et al. 2006). These Land Commission Awards (LCA) help to clarify that during the pre-contact period, Kewalo region and its surroundings may have been used for salt making and fishpond farming activities, with minimal wetland agriculture. The same report concluded that, as a result of having conducted several archaeological monitoring reports in the Kaka'ako Area, "no major pre-contact habitation areas have been found" in the Kaka'ako area, suggesting, instead, that "all or most" of the permanent habitation sites were located farther inland. For its residents, Kaka'ako boasted sandy beaches along the shore where canoe rowing and catching surf breaks were common.

In the mid-1800s, Kaka'ako became a congested center of Hawaiian homes. The area began to be occupied by Japanese fishermen employed by the MacFarland Tuna Company who began to take residence in the area in 1907. Later, other ethnic groups moved into the area, usually in ethnic enclaves. In the 1880s, as commercial and residential uses started to replace the fishponds, salt production and other less intensive activities, the areas of mud flats and marshes were filled in and the shoreline extended. Most of the filling was done privately on a small scale and, for larger sections, the

government assessed property owners for the cost. The first areas to be filled, were generally closer to downtown Honolulu, moving in the easterly direction into the Kaka'ako district. During the 1800s, Kaka'ako was deemed a suitable place for cemeteries and burial grounds, as well as for quarantining casualties of pestilential diseases. Those afflicted with Hansen's disease were quarantined in Kaka'ako as well. When the Honolulu Iron Works Company moved to Kaka'ako around 1900, more working class families moved to Kaka'ako, attracted to the area's low rent and convenient location.

The present day Kaka'ako Mauka Area is an urban center in Honolulu that is composed of mixed land uses. The previously mentioned practices of producing sustenance by means of cultivating salt plains, fish ponds, and taro loi appear to have diminished and then stopped altogether as the result of the area being urbanized beginning in the mid-1800s. The Mauka Area today is characterized largely as an urban core with healthy commercial and light industrial activities, as well as increasing residential high rise construction. The traditional recreation activities of canoe rowing, catching surf breaks, and playing along the sandy beaches continue in the parts of Kaka'ako, such as Ala Moana Beach Park and Kaka'ako Waterfront Park, where residents of Kaka'ako and non-residents alike, as well as visitors enjoy the shoreline.

Potential Impacts and Mitigation Measures

The Project is located in the existing Mauka Area which is heavily urbanized, and most if not all, of the activities characteristic of the pre-contact Kaka'ako/Kewalo region have ceased to exist. As such, the Project is not expected to cause any negative impacts to the identified cultural resources within this area. The Developer will prepare an Archaeological Inventory Survey (AIS) after the buildings are demolished and comply with the recommendations made in the CIA for the Mauka Area Plan.

3.3.5 Man-Made Hazards

A Phase I Environmental Site Assessment (ESA) – Appendix D, was prepared by Muranaka Environmental Consultants, Inc. in 2015. The ESA indicates the following:

- Building components found to contain lead and asbestos in a previous Phase II report were still present at the Site. There were no new suspect asbestos or lead-containing materials. Should these building components become damaged or disturbed all State and Federal regulations concerning asbestos and lead-containing material must be observed.
- The historical record search did not reveal any Recognized Environmental Conditions (RECs) for the Site or issues on adjoining properties that have contaminated the Site. Review of public documents from the State of Hawaii, Department of Health, Hazard Evaluation and Emergency Response (HEER) Office showed no additional environmental concerns for the Site. There were no signs of stressed vegetation in or on the project S~~s~~ite.
- The ESA was performed in conformance with the scope and limitations of ASTM Practice E 1527-13. The assessment has revealed no evidence of Recognized Environmental Conditions in connection with the Site.

Potential Impacts and Mitigation Measures

When removing the asbestos and lead-containing materials, all State and Federal regulations will be observed. The Phase 1 ESA found no Recognized Environmental Conditions so no further mitigation is required.

3.3.6 Traffic

3.3.6.1 Existing Conditions

The proposed development is located between Waimanu Street and Kawaiahao Street near Dreier Street. Waimanu and Kawaihao are private streets. The Site is currently occupied by several commercial and light industrial tenants. Waimanu Street and

Kawaiahao Street are both two lane roadways characterized by similar light industrial land uses, as well as residential use. The width of Waimanu Street and the confined entry/exit use for Imperial Plaza will not safely accommodate construction vehicles.

3.3.6.2 Traffic Impact Analysis

A Traffic Impact Analysis Report (TIAR) – Appendix E was conducted for the Project in December of 2013. At the time the study was conducted, the projected completion date for the Project was 2015. Both "current" data and projections are therefore slightly dated. The TIAR was originally commissioned to provide HCDA with an analysis of traffic impacts during the permitting process. HCDA found the study sufficient and approved the project as proposed. DPP may require an update to the TIAR prior to submission of construction plans.

The Project will be constructed in a single phase consisting of 153 residential dwelling units with 91 parking stalls. The Project will be accessed from Waimanu Street via a one--way in driveway. Exiting traffic will use a one-way out driveway to Kawaiahao Street.

Data Collection

The data collection process included field observations of nearby intersections. Additional data collection included a study of the geometric lane configurations and intersection traffic control data. The study intersections for the TIAR include:

- Kapi'olani Boulevard/Dreier Street
- Waimanu Street/Dreier Street
- Kawaiahao Street/Cooke Street
- Kawaiahao Street/Imperial Plaza Driveway

The intersection geometry inventory includes the following data:

- Number of lanes and lane widths,

- Crosswalk locations,
- Unsignalized intersection control, and
- Posted speed limits.

All study area intersections are unsignalized, stop-controlled intersections. At the intersection of Kapi'olani Boulevard and Dreier Street, mauka-bound Dreier left turns are prohibited. The intersection of Waimanu Street and Dreier Street is all-way stop-controlled. Intersection turning movement counts were conducted at the following intersections from Wednesday, November 6 to Thursday, November 7, 2013 during the AM and PM peak periods at the intersections listed above. The AM and PM peak hours were found to occur from 7:30 to 8:30 AM and from 4:15 to 5:15 PM, respectively. Figure 3 of the TIAR illustrates the existing peak hour traffic volumes for each turning movement at these intersections. These data were used as inputs into the intersection analyses.

The existing lane configurations within the study area are shown in Figure 4 of the TIAR. During the AM peak period, a contra-flow lane is provided in the town-bound direction on Kapi'olani Boulevard for a total of 4 downtown-bound lanes. No contra-flow is provided during the PM peak period. On Cooke Street, parking restrictions during the PM peak period enable both mauka-bound through lanes to be used. During the AM peak, on-street parking reduces the mauka-bound travel to a single lane.

Existing Operations

The study area intersections were analyzed using the methodologies for unsignalized intersections outlined in the *2010 Highway Capacity Manual (HCM).* Operating conditions at an intersection by approach are expressed as a qualitative measure known as Level of Service (LOS) ranging from A to F. LOS A represents free-flow operations with low delay, while LOS F represents congested conditions with relatively high delay. The TIAR has more detailed definitions of intersection LOS.

Filed observations were performed at selected intersections to verify the results of the intersection analyses. Table 7 – Existing Level of Service illustrates the current LOS condition of the study intersections.

Table 7 – Existing Level of Service

	AM		PM	
	LOS	Delay	LOS	Delay
Kapi'olani Boulevard/Dreier Street	**Unsignalized**			
Dreier Street mauka-bound right	B	11	B	15
Kapi'olani Boulevard 'ewa-bound left	A	10	C	20
Cooke Street/Kawaiahao Street	**Unsignalized**			
Cooke Street mauka-bound left	A	9	A	8
Cooke Street Makai-bound left	A	8	A	9
Kawaiahao Street KKHD-bound left/through	C	22	D	25
Kawaiahao Street KKHD-bound right	B	10	A	10
Kawaiahao Street Ewa-bound left/through/right	C	18	C	23
Dreier Street/Waimanu Street	**Unsignalized**			
Dreier Street makai-bound left/right	A	7	A	8
Waimanu Street KKHD-bound left through	A	7	A	7
Waimanu Street 'ewa-bound through/right	A	7	A	7

Delay expressed in seconds per vehicle
Source: TIAR – Appendix E

Signal Warrant Analysis

Peak hour traffic signal warrant analysis, which determines whether a traffic signal needs to be installed or not, was performed for the existing AM and PM peak hours at the intersection of Cooke Street and Kawaiahao Street. Using the Manual on Uniform Traffic Control Devices (MUTCD) 2009 Edition traffic signal warrant methodology, it was determined that the intersection does not satisfy the peak hour signal warrant during either peak hour.

Summary of Results

Overall the study area intersections operate acceptably in the existing condition. Two issues were identified under the existing conditions:

- Kapi'olani Boulevard/Dreier Street – During the AM peak hour, the left-most 'Ewa-bound Kapi'olani Boulevard lane would queue back from Cooke Street. As this lane serves as a de facto left turn lane at Cooke Street, the queuing was likely due to the downstream intersection. During the PM peak hour, town-bound congestion on Kapi'olani Boulevard would prevent vehicles attempting to make the left turn to Dreier Street from reaching the intersection to make the turn. During both peak hours, left turning vehicles were observed to have adequate gaps to complete the left turn despite the queuing.
- Cooke Street/Kawaiahao Street – During the PM peak period, queues originating from the mauka-bound Cooke Street approach at Kapi'olani Boulevard were observed. These queues would go as far back as Kawaiahao Street and persisted beyond 5:30 PM, when on-street parking on Cooke Street was permitted. This in turn prevented vehicles from accessing Cooke Street from Kawaiahao Street. Vehicles at the 'Ewa-bound Kawaiahao Street approach were also hindered by on-street parking, which reduces the approach to a single approach lane.

Projected 2015 Conditions

At the time of the TIAR completion, the Project was projected to be completed in the Year 2015, which was used as the horizon year for future traffic analysis.

2015 Without Project

The Kaka'ako Mauka Area Plan Supplemental Environmental Impact Statement Transportation Analysis report dated April 14, 2009 was consulted and a 1.15% annual growth rate was obtained. Projected 2015 background volumes were calculated by applying this growth rate to existing 2013 traffic volumes.

Figure 5 of the TIAR shows the projected 2015 peak hour turning movement volumes without project for each turning movement at the study area intersections.

2015 With Project

The With-Project scenario adds projected trips generated by the project to the Without-Project scenario. The assumed roadway networks are the same. 803 Waimanu consists of 153 dwelling units (DU) of residential condominiums and 91 parking stalls. The Institute of Transportation Engineers (ITE), Trip Generation, 9th Edition was used to estimate the number of trips generated by the project.

Table 8 summarizes the trips generated by the proposed 803 Waimanu development.

Table 8 – Trip Generation

			AM Peak		PM Peak	
	ITE Code	Density	In	Out	In	Out
Residential Condo/Townhouse	230	153 DU	12	61	57	28

Trip Generation expressed in vehicles per hour
Source: TIAR – Appendix E

The traffic generated by the project was directionally distributed and assigned to the future roadway network using existing traffic patterns. The project-generated trip assignment was then added to the projected background traffic to obtain the total peak hour turning movement volumes shown in Figure 6 of the TIAR.

Projected 2015 Operations

LOS analysis was performed for the study area intersections for the With and Without Project scenarios. The results of the analysis are shown in Table 9. As shown, the project has a minimal impact on the study area intersection operations.

Table 9 – Projected 2015 Level of Service

	Without Project				With Project			
	AM		PM		AM		PM	
	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay
Kapi'olani Boulevard/Dreier Street	**Unsignalized**				**Unsignalized**			
Dreier Street mauka-bound right	B	11	B	15	B	11	C	15
Kapi'olani Boulevard 'ewa-bound left	A	10	C	21	A	10	C	22
Cooke Street/Kawaiahao Street	**Unsignalized**				**Unsignalized**			
Cooke Street mauka-bound left	A	9	A	8	A	9	A	8
Cooke Street Makai-bound left	A	8	A	9	A	8	A	9
Kawaiahao Street KKHD-bound left/through	C	23	D	26	D	26	D	27
Kawaiahao Street KKHD-bound right	B	10	A	10	B	10	A	10
Kawaiahao Street Ewa-bound left/through/right	C	19	D	25	C	22	D	27
Dreier Street/Waimanu Street	**Unsignalized**				**Unsignalized**			
Dreier Street makai-bound left/right	A	7	A	8	A	7	A	8
Waimanu Street KKHD-bound left through	A	7	A	7	A	7	A	8
Waimanu Street 'ewa-bound through/right	A	7	A	7	A	7	A	7

Delay expressed in seconds per vehicle
Source: TIAR – Appendix E

Signal Warrant Analysis

Peak Hour traffic signal warrant analysis was performed using projected 2015 AM and PM peak hour traffic volumes with and without project at the intersection of Cooke Street and Kawaiahao Street. Using the MUTCD traffic signal warrant methodology, it was determined that the intersection does not satisfy the peak hour signal warrant with or without the project.

3.3.6.3 Recommendations and Conclusions

As shown in Table 9 – Projected 2015 Level of Service, the project does not significantly impact the operations at the study area intersections. Based on the analysis results and field observations, the following are recommended:

- That the Applicant construct project access driveways on Waimanu Street and Kawaiahao Street with a one-way in driveway on Waimanu Street and a one-way out driveway on Kawaiahao Street. The exiting driveway should be configured as a share left/right turn lane with stop control. The Applicant will comply with this recommendation.
- Based on the American Association of State Highway and Transportation Officials (AASHTO) sight distance guidelines, restrict parking on the mauka side of Kawaiahao Street fronting the property for 115' in each direction of the project driveway. This restriction would cover the area between the Imperial Plaza driveway and the Diamond Head property line of 803 Waimanu. Approximately four (4) parking stalls would be displaced. The Applicant will work with the appropriate City/County and State agencies to implement this recommendation.
- Provide sidewalks on Waimanu Street and Kawaiahao Street for the areas fronting the project. The applicant will comply with this recommendation.
- It is not recommended to install a traffic signal at the intersection of Cooke Street and Kawaiahao Street. The existing two-way stop control should be preserved. The Applicant will comply with this recommendation.

Potential Impacts and Mitigation Measures

Because Waimanu Street and Kawaiahao Street are private roads, the Applicant is consulting with the City and County of Honolulu's DPP – Traffic Review Branch (TRB), ~~and~~ the Department of Facilities Maintenance (DFM), and Department of Transportation Services to assess any implications of private ownership. During the public review of the Draft EA, the City may require that street upgrades and design comply with City standards

as the street ownership may be transferred to the City in the future. In addition, the City may require an updated TIAR to discuss the Project's potential impacts with other recently approved and newly constructed projects in the area. As discussed in Section 4.5 in this EA, Complete Streets is a recently adopted ordinance by the City and is now required to be included in TIARs.

Due to the width constraint of Waimanu Street, construction vehicles will access the Site via Kawaiahao Street. To mitigate short term construction impacts on traffic, a construction management plan (CMP) will be prepared and submitted to the DPP identifying the type, frequency and routing of heavy trucks, and construction related vehicles. Every effort will be made to minimize impacts from these vehicles and related construction activities. The CMP will identify and limit vehicular activity related to construction to periods outside of the peak periods of traffic, utilizing alternate routes for heavy trucks, provisions for either on-site or off-site staging areas for construction related workers and vehicles to limit the use of on-street parking around the Site and other mitigation measures related to traffic and potential neighborhood impacts, as recommended by the DPP. Any construction materials and equipment will be transferred to and from the Site during off-peak traffic hours (8:30 AM to 3:30 PM) to minimize any possible disruption to traffic on the local streets. Preliminary or conceptual traffic control plans will also be included in the CMP. The Applicant will document the condition of roadways prior to the start of construction activities and provide remedial measures, as necessary, such as restriping, road resurfacing, and/or reconstruction if the condition of the roadways has deteriorated as a result of the related construction activities. To mitigate impact on pedestrians and local business and residential tenants, walkways will be maintained throughout construction that allow the passage of pedestrians on Waimanu and Kawaiahao Street.

To mitigate long-term traffic impacts, vehicular access points will be constructed as standard City dropped driveways. Adequate vehicular sight distance will be provided and

maintained at all driveways for the safety of pedestrians and other vehicles. Driveway grades will not exceed 5 percent for a minimum distance of 25 feet from the back of the designated pedestrian walkway. Entry gates and ticket dispensers will be recessed as far into the driveways as necessary to avoid any queuing onto public streets. All loading and parking areas are designed such that vehicles enter and exit front first, and all loading and unloading needs for the Project are designed to be handled onsite, rather than in the roadway. The Applicant or their agents will meet with staff at the DPP's Traffic Review Branch and the Department of Transportation Services prior to submitting construction plans to review the intended progress of work and the proposed circulation of traffic within the development.

Due to the type of development being proposed, where there are 153 dwelling units and 91 parking stalls, a survey will be conducted one year after first occupancy to identify the multi-modal activities or person trips being generated by the residents of the Project, as well as on-street parking use. Of particular interest is the number of vehicular, bicycle, pedestrian, and pedestrian/transit trips occurring during the peak periods of travel.

3.3.7 Air Quality

Air quality in the vicinity of the Site is primarily affected by vehicular emissions generated along surrounding streets. Among the various air pollutants for which State and National standards have been established, carbon monoxide level is the primary concern in areas near heavy traffic flow. According to the DOH Clean Air Branch, Downtown and Government District Station, at the roof of the DOH building (Kinau Hale), the air quality is in the green (good) range. Air quality can also be affected by dust and other particulate matter introduced to the air during construction.

Potential Impacts and Mitigation Measures

It is anticipated that no State or Federal air quality standards will be violated during or after the development of 803 Waimanu. Any impacts on air quality would be related to construction; however, construction activities such as site clearing and grading, will be temporary. In addition, all construction activities will comply with the provisions of Chapter 11-60.1, HAR, Section 11-60.1-33, Fugitive Dust.

As stated in the DOH, Clean Air Branch Standard Comments, an effective dust control plan will be implemented as necessary. Measures to control dust during various phases of construction include:

- Providing an adequate water source at the site prior to start-up construction activities.
- Irrigating the construction site during periods of drought or high winds.
- Controlling dust debris being hauled away from the project site. Planning the different phases of construction, focusing on minimizing the amount of dust-generating materials and activities, centralizing on-site vehicular traffic routes, and locating potential dust-generating equipment in areas of the least impact. Minimize dust from shoulders and access roads.
- Landscaping and providing rapid covering of bare areas, including slopes, starting from the initial grading phase;
- Providing adequate dust control measures during weekends, after hours, and before daily start-up of construction activities.
- Installing silt screening in the areas of disturbance.

In the long term, 803 Waimanu is not anticipated to generate significant enough volumes of traffic to degrade air quality in the area.

3.3.8 Noise Environment

Various local and federal agencies have established guidelines and standards for assessing environmental noise impacts and set noise limits as a function of land use. Environmental noise is composed of many frequencies, each occurring simultaneously at its own sound pressure level. The range of magnitude, from the faintest to the loudest sound the ear can hear, is so large that sound pressure is expressed on a logarithmic scale in units called decibels (dB). The commonly used frequency weighting for environmental noise is A-weighting (dBA), which simulates how an average person hears sound.

The Project will be in close proximity to the Honolulu High-Capacity Transit Corridor Project (HHCTCP) which will result in noise impacts. Table 10 illustrates the potential noise impacts from the HHCTCP. Lmax is the maximum noise level during an event.

Table 10 - Typical Sound Levels

Relative Sound Level	½ as Loud	Baseline			Twice as Loud		Four Times as Loud
Typical Sound Environment	Indoor Office	Urban Residential			Urban Commercial		
Lmax of Common Noise Sources		Washing Machine (3ft)	Auto (50 mph at 50 ft)	Vacuum Cleaner (3ft)	Garbage Disposal (3ft)	Delivery Truck (50mph at 50ft)	Dump Truck (50 mph at 50ft)
Sound Level dBA	60	65	70	75	80	85	90
Lmax at 50 ft of Transit Noise Source		Rail Transit with a Barrier (50 mph)		Rail Transit (50 mph)	City Bus (50 mph)		

Sources: EPA 1971, EPA 1974, FTA 2006 (HHCTCP Final EIS)

Potential Impacts and Mitigation Measures

Noise impacts to nearby residents and commercial concerns from the Project's construction activities are expected during the construction period. Construction activities will generate noise from related equipment. Construction noise will be short-term (approximately 14 months) and limited to daylight hours when most adult residents are at work and children are at school. Proper mitigation measures will be implemented to minimize noise impacts, and all work will comply with the State Department of Health (DOH) noise limits and Administrative Rules, Chapter 11-46, "Community Noise Control."

Noise from rail transit operations is generated from the interaction of wheels on track, motive power, and the operation of traction power substations. The interaction of steel wheels on rails generates the following three different types of noise, depending on track work: (1) noise generated by pass-by trains operating on tangent track sections, (2) noise generated from wheel squeal on tightly curved track, and (3) noise generated on special trackway sections, such as crossovers or turnouts.

The elevated guideway will include a parapet wall on both sides of the guideway that extends 3 feet above the top of the rail. This design will minimize noise impacts from the rail guideway. Based on the analysis conducted during the formulation of the HHCTC Project Final EIS, wheel skirts will reduce noise generated from the rail by 3 dBA or more. Wheel skirts have been added to the vehicle specifications. As a result, noise exposure levels from the HHCTC will be 3 dBA less than shown in the HHCTC Project Final EIS. Once the rail is operating, field measurements for noise will be conducted at representative sites. Should the rail's noise impacts exceed the FTA noise impact levels, further mitigation may be implemented. As stated in the HHCTCP Final EIS, it is the responsibility of the City and County of Honolulu to ensure that any noise concerns that may arise from the Rail Transit project are mitigated to acceptable levels.

3.3.9 Biological Characteristics

3.3.9.1 Flora and Fauna

The Site is urbanized and there are no known federally protected, threatened, or endangered species of plants or animals. The Site is currently utilized for commercial-industrial uses.

Potential Impacts and Mitigation Measures

No impacts to flora or fauna are expected.

3.3.10 Infrastructure and Utilities

3.3.10.1 Potable Water

The existing municipal water system in the vicinity of the Site consists of an 8-inch water main (Metropolitan 180 West) which runs along Kawaiahao Street. Based on the BWS Service Engineering records, an existing 2-inch water service lateral with 1-1/2 inch water meter (Prem. ID:1151234, M/N:03060184) currently services parcel TMK: 2-1-049: 050. A separate 8-inch municipal water main runs along Dreier Street, but terminates at the intersection of Dreier and Waimanu Street.

A water supply approved by the City/County, capable of supplying the required fire flow for fire protection, must be provided to the Project. When any portion of the facility or building is in excess of 150 feet from a water supply on a fire apparatus access road, on-site fire hydrants and mains capable of supplying the required fire flow shall be provided if required. The nearest existing fire hydrant assembly in the vicinity of the project is located at the corner of Dreier and Waimanu Street (opposing corner to the Site). Two (2) additional fire hydrant assemblies are located at the intersection of Cooke and Kawaiahao Street. In the pre-consultation phase of this EA, BWS stated that that the existing water system is adequate to accommodate the proposed development. However, full

determination of adequate capacity is approved during the building permit application process (see Pre-Consultation Letters and Responses – Appendix F).

Potential Impacts and Mitigation Measures

As stated in the BWS pre-consultation letter, the existing water system is adequate to serve the Project, but full determination of adequate capacity is approved during the building permit phase. There is therefore no significant impact on the water system. 803 Waimanu will implement water conservation measures as required by BWS for all new developments. The Project will also adopt landscape irrigation BMPs endorsed by the Landscape Industry Council of Hawaii.

3.3.10.2 Stormwater

~~All storm water runoff from the proposed improvements will be reviewed for conformance with City and County of Honolulu Ordinance 96-34 regarding peak runoff.~~ The entire district has been improved for future development and fully supports both existing and future runoff potential. The 2009 Final Supplemental Environmental Impact Statement for the Mauka Area makes reference to the need for a new catch basin on Waimanu Street and a new drain inlet on Kawaiahao Street.

Potential Impacts and Mitigation Measures

All storm water runoff from the proposed improvements will be reviewed for conformance with City and County of Honolulu Ordinance 96-34 regarding peak runoff; "Rules Relating to Soil Erosion Standards and Guidelines," April 1999; "Rules Relating to Storm Drainage Standards," effective June 1, 2013; HAR §11-54 "Water Quality Standards;" and HAR §11-55 "Water Pollution Control." ~~Both during and after construction, the project will observe Best Management Practices (BMP) in accordance with the City's Rules Relating to Storm Drainage Standards.~~ No impact is anticipated.

3.3.10.3 Wastewater

The Sewer Connection Application (SCA) reviewed by the City and County of Honolulu, Department of Planning and Permitting, Wastewater Branch (2013/SCA-0848) was approved on May 2, 2014. The approved SCA is enclosed as Appendix G – Sewer Connection Application Approval.

Potential Impacts and Mitigation Measures

The Project has an approved SCA as described above. The City has confirmed the adequacy~~te~~ of sewer capacity for the Project. ~~Therefore~~Based on this information, there will be no significant impact to the existing sewer system. However, concerns have been raised about DPP's and HCDA's determination that infrastructure is adequate. Please see Draft EA comment and response letters in Appendix I.

3.3.10.4 Solid Waste

There is one trash room on each floor with a chute to the main trash room on the ground floor level. It is expected that private refuse collection service will be used to service the Project.

Potential Impacts and Mitigation Measures

The management company may implement recycling programs upon project completion. The Department of Health has indicated that recycled paving material should be used if available at acceptable prices and that solid waste generated during the P~~p~~roject's construction should be directed to a permitted solid waste disposal, processing or recycling facility.

3.3.10.5 Telephone and Electrical Services

Telephone and electrical services are available to the Site. Telephone coverage via land line is covered by Hawaiian Tel and electrical service is provided by Hawaiian Electric

Company (HECO). Coordination with the local electric and telephone service providers will be expected during the design and construction phases.

Potential Impacts and Mitigation Measures

There will be no impacts from the Project on telephone and electrical services.

3.3.11 Public Facilities

The following subsections discuss the schools, parks, fire protection, emergency medical services and police that will serve the Project.

3.3.11.1 Schools~~:~~

The Project is located within the Department of Education's (DOE) McKinley Complex area boundary. The following schools serves the Project:

Queen Ka'ahumanu Elementary
1141 Kinau Street
Honolulu, Hawaii 96814

Central Middle
1302 Queen Emma Street
Honolulu, Hawaii 96813

President William McKinley High
1039 S. King Street
Honolulu, Hawaii 96814

Potential Impacts and Mitigation Measures

With 123 studios, 29 1-bedrooms, and one 2-bedroom, the Project is anticipated to have few, if any, child residents and therefore will have minimal impact on schools. The Mauka Area Plan states, "New schools will open as increases in the school age population increases to a level which warrants additional school facilities. Current school facilities in proximity to the Mauka Area are adequate to accommodate some increase in the school age population." Per our consultation with DOE, there is no school impact fee for the McKinley Complex. Moreover, there is no fair share contribution for the Project.

3.3.11.2 Parks~~:~~

The Project is within walking distance to three parks in the neighborhood:

Mother Waldron Playground:

The Project is located approximately 0.4 miles from the Mother Waldron Playground, which is an 8 to 10 minute walk.

Thomas Square:

The Project is located approximately 0.7 miles from Thomas Square which is a 12 to 15 minute walk.

Kaka'ako Waterfront Park:

The Project is located approximately 1.1 miles from the Kaka'ako Waterfront Park which is a 20 to 22 minute walk or a six (6) minute drive.

Potential Impacts and Mitigation Measures

To mitigate impacts to parks, the Project is providing 8,477 sf of open space onsite. In addition, the Project will pay an approximately $373,000 Public Facilities fee. "Public Facilities" include streets, utility and service corridors, and utility lines sufficient to adequately service development improvements. It also includes sites for schools, parks,

parking garages, sidewalks, pedestrianways, bikeways, and other community services normally provided by the public sector.

3.3.11.3~~1~~ Fire Protection

The Kaka'ako Fire Station Number 9 provides fire protection service to the Project as well as emergency medical service. The station is located at 555 Queen Street and is located approximately 0.5 miles from the Site. Response time to the Site is less than 5 minutes. Fire Department access roads will be provided such that any portion of the Project or any portion of an exterior wall of the first story of the building is located not more than 150 feet from fire department access roads as measured by an approved route around the exterior of the building. A fire department access road shall extend to within 50 feet of at least one exterior door that can be opened from the outside and provides access to the interior of the building

Potential Impacts and Mitigation Measures

The Project is located in urban Honolulu, and therefore the response time is very quick to serve emergency situations. The Project is not expected to have any significant impact on fire or emergency medical services. As a for-sale development, the Project will generate property taxes that finance existing police, fire, and emergency facilities and services.

3.3.11.4~~2~~ Police

The Honolulu Police Department (HPD) provides police service. Response time to the Site is less than 5 minutes.

Potential Impacts and Mitigation Measures

The Project is not expected to have any significant impact on the existing ~~public facilities including schools, parks,~~ police~~, and fire or emergency medical~~ services.

~~To mitigate impacts to parks, the Project is providing 8,477 sf of open space onsite.~~

~~Per our consultation with DOE, there is no school impact fee for the McKinley Complex, therefore, the Project will not be assessed this fee. Moreover, there is no fair share contribution for this Project. With the current unit mix, school-aged children will make up a very small population of future residents at the Project.~~

As a for-sale development, the Project will generate property taxes that finance existing police, fire, and emergency facilities and services. The Project is located in urban Honolulu, and therefore the response time is very quick to serve emergency situations.

3.3.11.5~~3~~ Public Transportation and Honolulu High-Capacity Transit Corridor Project

The Honolulu High-Capacity Transit Corridor Project often referred to as the Rail Transit project, is proposed for construction in Kaka'ako. The initial section of the rail transit system, from Kapolei to Aloha Stadium, is slated to open in 2018; and the entire system, from Kapolei to Ala Moana Center, is set to be fully operational in 2019. The Civic Center rail station will be within ¼ mile of Project. The elevated track system will front the makai side of the Project at an approximately 40-foot elevation.

With the introduction of the Honolulu High-Capacity Transit Corridor, the Project will be an example of transit oriented development (TOD). A reliable high capacity transit system along with a range of housing choices will encourage residents to reduce their dependence on automobiles. The Project exhibits a key characteristic of TOD by providing relatively high-density housing in a convenient location near the proposed Civic Center Station which will be a well-served transit node. TOD is designed to maximize access to public transportation and often incorporates features to encourage transit ridership. A TOD neighborhood will typically have a transit station surrounded by relatively high-density development within a 10-minute walk surrounding the station. Features of TOD include mixed-use development that will use transit at all times of the

day, excellent pedestrian facilities, collector support from other modes of transportation (buses and shuttles) and reduced amount of parking for personal vehicles.

Potential Impacts and Mitigation Measures

The elevated track adjacent to the property will cause a visual impact to units facing the makai direction located at or below this elevation. As stated in the Noise Impact section of this report, noise impacts are expected to be within the acceptable range. Section 3.3.8 – Noise Environment in this EA discusses the HHCTC project noise impacts and mitigation measures.

3.3.12 Sea Level Change

In consultation with DPP, it was advised that the EA provide a discussion of sea level rise based on the United States Army Corps of Engineers (USACE) Engineering Regulation (ER 1100-2-8162). This Regulation provides guidance in addressing potential issues related to sea level change. According to the USACE website http://www.corpsclimate.us/ccaceslcurves.cfm, there are low, intermediate, and high scenario estimates based on the location of the Site, as shown in Table 11.~~:~~

Table 11 – Sea Level Change Estimates

Year	USACE Low (ft.)	USACE Int. (ft.)	USACE High (ft.)
2015~~2015~~	0.11~~0.16~~	0.16~~0.26~~	0.31~~0.57~~
2020~~2020~~	0.14~~0.19~~	0.21~~0.32~~	0.43~~0.72~~
2025~~2025~~	0.16~~0.21~~	0.26~~0.38~~	0.57~~0.90~~
2030~~2030~~	0.19~~0.24~~	0.32~~0.44~~	0.72~~1.09~~
2035~~2035~~	0.21~~0.26~~	0.38~~0.51~~	0.9~~1.30~~
2040~~2040~~	0.24~~0.29~~	0.44~~0.58~~	1.09~~1.53~~
2045~~2045~~	0.26~~0.16~~	0.51~~0.26~~	1.3~~0.57~~
2050~~2050~~	0.28~~0.19~~	0.59~~0.32~~	1.53~~0.72~~
2055	0.31	0.66	1.78
2060	0.34	0.75	2.05
2065	0.36	0.83	2.34
2070	0.38	0.93	2.64
2075	0.41	1.02	2.96
2080	0.43	1.12	3.3
2085	0.46	1.23	3.66
2090	0.48	1.34	4.04
2095	0.51	1.45	4.44
2100	0.53	1.57	4.86

Source: http://www.corpsclimate.us/ccaceslcurves.cfm

Potential Impacts and Mitigation Measures

As a coastal city, Honolulu may be impacted by sea level change according to the data above. The Site is approximately three (3) feet above mean sea level (MSL). By year 2100, sea level rise is projected to be over three feet in the ASACE High scenario, while still below three feet in the Middle and Low scenarios. ~~, so it is unlikely that a sea level change of less than 1 foot would inundate the Project, though it certainly could impact the Project by impacting surrounding areas and roadways.~~ If sea level rise follows the High scenario, there could be some level of inundation of the ground floor over the useful life of the building. To mitigate this risk, waterproofing of utility areas will be evaluated to make sure there are modifications that could be made should sea level rise threaten the improvements. The semi-automated parking lift system requires a 4.5 foot pit which would be particularly vulnerable to sea level rise. The Applicant will follow all

recommendations and safety precautions for installing such systems given the existing water table and potential changes to the water table.

3.3.13 Probable Impact on the Environment

The Project represents a significant change from its current and former uses. The Project is consistent with surrounding land uses and the intent of the prevailing KCDD Mauka Area Plan. Impacts associated with the Project have generally been determined to be minimal.

3.3.14 Adverse Impacts Which Cannot Be Avoided

Adverse impacts that cannot be avoided are generally related to short-term construction impacts. These impacts can be minimized by sound construction practices, Best Management Practices (BMPs) adherence to applicable construction regulations as prescribed by the Department of Health, and coordination with applicable County agencies. The Project will follow the "Best Management Practices (BMP) Manual for Construction Sites," November 2011.

3.3.15 Mitigation Measures

Long-term impacts resulting from the proposed improvements are expected to be minimal as outlined in this EA. Long-term traffic, air and noise impacts are not expected to change significantly after improvements are completed. Short-term construction noise and air quality impact mitigation measures include generally good housekeeping practices and schedule management to avoid a prolonged construction period. The Project will comply with all applicable ordinances and codes, and the contractor will be directed to use best management practices (BMP) wherever applicable.

3.3.16 Irreversible and Irretrievable Commitment of Resources

Implementation of the ~~proposed~~ Pproject will result in the irreversible and irretrievable commitment of resources in the use of non-recyclable energy expenditure and labor. Materials used for new construction may have salvage value; however, it is unlikely that

such efforts would be cost-effective. The expenditure of these resources is offset by gains in construction-related jobs, increased tax base and tertiary spending.

3.3.17 Economic Impact

According to the National Housing Conference website www.nhc.org, development of affordable housing (housing affordable to low and middle income households), can affect the economy through:

1) Creating jobs. Investing in the development of affordable housing creates a significant number of construction-related jobs, and new residents support additional jobs in other sectors going forward.
2) Attracting both employers and employees. Surveys and supporting research show that both employers and workers understand the importance of affordable housing in attracting and retaining a skilled workforce.
3) Increasing consumer spending. Building affordable housing increases the buying power of both those involved in its construction and those who occupy it afterward.
4) Increasing government revenues. The taxes and fees associated with the development of affordable housing – both during the construction and after the homes are occupied – can represent significant revenue for state and local governments.
5) Lowering the risk of foreclosure. Affordable homeownership programs appear to produce a more sustainable path to homeownership, eliminating a number of significant foreclosure-related costs that municipalities would otherwise have to absorb.

A white paper titled "The Role of Affordable Housing and Stimulating Local Economic Development: A Review of the Literature" (Wardrip, Williams, and Hague, 2010) asserts that housing construction has three types of economic impact: direct (spending associated with development and construction); indirect (spending by suppliers), and induced (spending of wages in the local economy. Economic impact beyond the impact of direct investment is known as the multiplier effect and can vary from community to community. The Hawaii Department of Business, Economic Development, and Tourism

(DBEDT) maintains an Input-Output model which quantifies economic impact for a given economic activity (the input) in terms of jobs and income generated (the output). The model estimates that the approximately $34.7 million development cost (excluding land cost) will result in the generation of 114 direct construction jobs and 332 indirect or induced jobs, with $21.8 million in income generated. ~~.~~Annual property taxes paid by residents to the City/County will be approximately $177,000.

While the wages of non-construction jobs would be difficult to estimate, the wages of construction jobs are known. The construction cost of approximately $25 million will be subject to State Prevailing Wages (basic hourly plus fringe benefits) pursuant to HRS §201H-82 and HRS §104. A summary of the requirements of HRS §104 and the list of current minimum wages by occupation are included herein as Appendix H.

4.0 RELATIONSHIP TO PLANS, CODES AND ORDINANCES

The Site is located within the Kaka'ako Community Development District (KCDD) Mauka Area administrated by the Hawaii Community Development Authority (HCDA). The KCDD Mauka Area Plan is part of the Hawaii Administrative Rule Title 15, Department of Business, Economic Development & Tourism: Subtitle 4, Hawaii Community Development Authority, Chapter 22, Mauka Area. As discussed in Section 2.5 of this EA, HCDA approved the Project on January 8, 2014 by issuing Development Permit # KAK-13-091.

4.1 State of Hawai'i

4.1.1 State Land Use Law (Chapter 205, Hawaii Revised Statutes)

§205-2 Districting and classification of lands.
(a) There shall be four major land use districts in which all lands in the State shall be placed: urban, rural, agricultural, and conservation.
(b) Urban districts shall include activities or uses as provided by ordinances or regulations of the county within which the urban district is situated.

Discussion: 803 Waimanu is located within the State Urban District, and is consistent with the uses allowed in this district. Figure 6 – State Land Use illustrates the Site's designation in relation to the surrounding area.

4.1.2 Coastal Zone Management (Chapter 205A, Hawaii Revised Statutes)

§205A-2 Coastal zone management program; objectives and policies. *(a) The objectives and policies in this section shall apply to all parts of this chapter.*
(b) Objectives.
(1) Recreational resources;

(A) Provide coastal recreational opportunities accessible to the public.

(2) Historic resources;

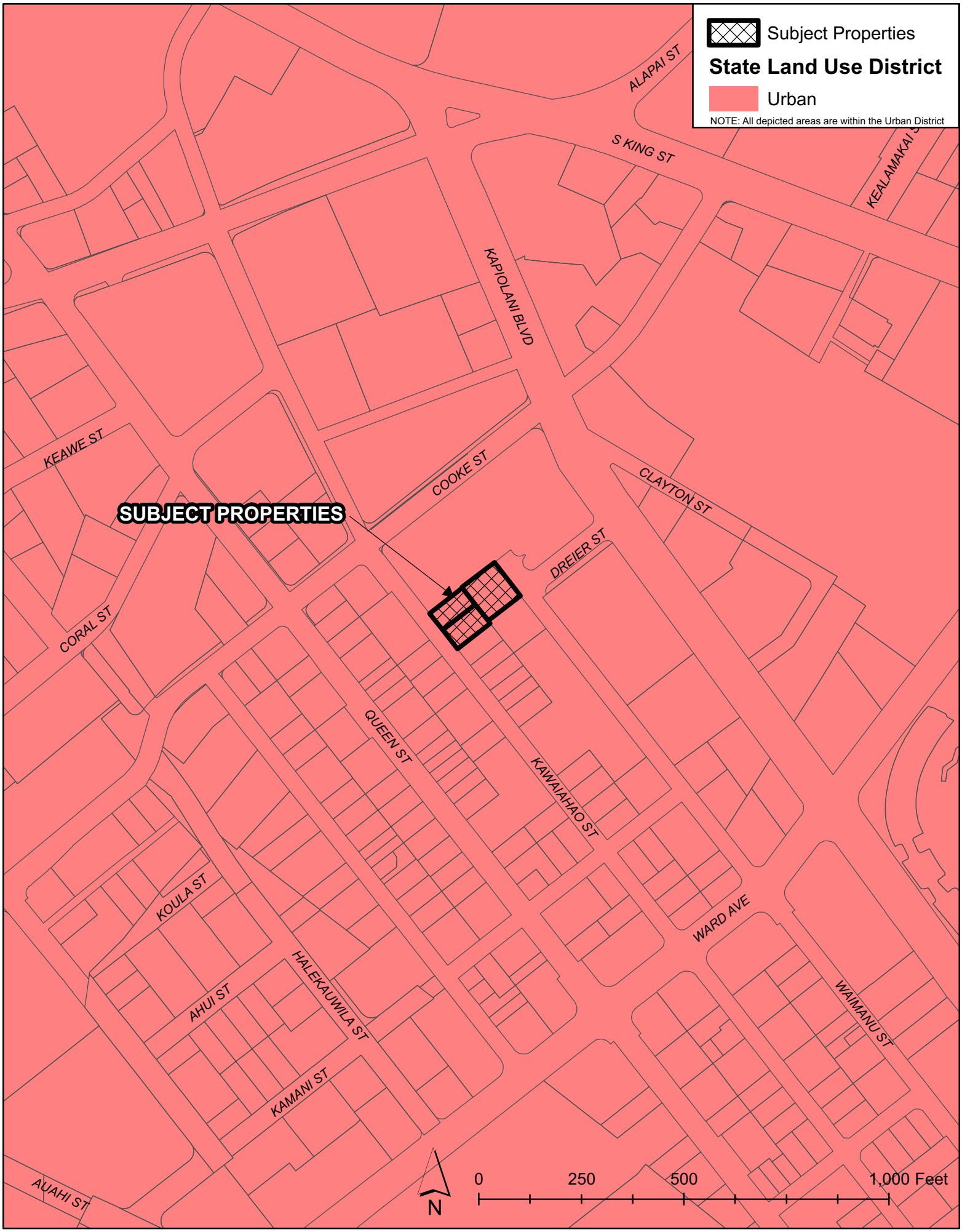


Figure 6 - State Land Use District Map

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

(3) Scenic and open space resources;
(A) Protect, preserve, and, where desirable, restore or improve the quality of coastal scenic and open space resources.

(4) Coastal ecosystems;
(A) Protect valuable coastal ecosystems, including reefs, from disruption and minimize adverse impacts on all coastal ecosystems.

(5) Economic uses;
(A) Provide public or private facilities and improvements important to the State's economy in suitable locations.

(6) Coastal hazards;
(A) Reduce hazard to life and property from tsunami, storm waves, stream flooding, erosion, subsidence, and pollution.

(7) Managing development;
(A) Improve the development review process, communication, and public participation in the management of coastal resources and hazards.

(8) Public participation;
(A) Stimulate public awareness, education, and participation in coastal management.

(9) Beach protection;
(A) Protect beaches for public use and recreation.

(10) Marine resources;
(A) Promote the protection, use, and development of marine and coastal resources to assure their sustainability.

(c) Policies.

(1) Recreational resources;
(A) Improve coordination and funding of coastal recreational planning and management; and

(B) Provide adequate, accessible, and diverse recreational opportunities in the coastal zone management area by:

(i) Protecting coastal resources uniquely suited for recreational activities that cannot be provided in other areas;

(ii) Requiring replacement of coastal resources having significant recreational value including, but not limited to surfing sites, fishponds, and sand beaches, when such resources will be unavoidably damaged by development; or requiring reasonable monetary compensation to the State for recreation when replacement is not feasible or desirable;

(iii) Providing and managing adequate public access, consistent with conservation of natural resources, to and along shorelines with recreational value;
(iv) Providing an adequate supply of shoreline parks and other recreational facilities suitable for public recreation;

(v) Ensuring public recreational uses of county, state, and federally owned or controlled shoreline lands and waters having recreational value consistent with public safety standards and conservation of natural resources;

(vi) Adopting water quality standards and regulating point and nonpoint sources of pollution to protect, and where feasible, restore the recreational value of coastal waters;

(vii) Developing new shoreline recreational opportunities, where appropriate, such as artificial lagoons, artificial beaches, and artificial reefs for surfing and fishing; and

(viii) Encouraging reasonable dedication of shoreline areas with recreational value for public use as part of discretionary approvals or permits by the land use commission, board of land and natural resources, and county authorities; and crediting such dedication against the requirements of section 46-6;

(2) Historic resources;
(A) Identify and analyze significant archaeological resources;

(B) Maximize information retention through preservation of remains and artifacts or salvage operations; and

(C) Support state goals for protection, restoration, interpretation, and display of historic resources;

(3) Scenic and open space resources;
(A) Identify valued scenic resources in the coastal zone management area;

(B) Ensure that new developments are compatible with their visual environment by designing and locating such developments to minimize the alteration of natural landforms and existing public views to and along the shoreline;

(C) Preserve, maintain, and, where desirable, improve and restore shoreline open space and scenic resources; and

(D) Encourage those developments that are not coastal dependent to locate in inland areas;

(4) Coastal ecosystems;
(A) Exercise an overall conservation ethic, and practice stewardship in the protection, use, and development of marine and coastal resources;

(B) Improve the technical basis for natural resource management;

(C) Preserve valuable coastal ecosystems, including reefs, of significant biological or economic importance;

(D) Minimize disruption or degradation of coastal water ecosystems by effective regulation of stream diversions, channelization, and similar land and water uses, recognizing competing water needs; and

(E) Promote water quantity and quality planning and management practices that reflect the tolerance of fresh water and marine ecosystems and maintain and enhance water quality through the development and implementation of point and nonpoint source water pollution control measures;

(5) Economic uses;
(A) Concentrate coastal dependent development in appropriate areas;

(B) Ensure that coastal dependent development such as harbors and ports, and coastal related development such as visitor industry facilities and energy generating facilities, are located, designed, and constructed to minimize adverse social, visual, and environmental impacts in the coastal zone management area; and

(C) Direct the location and expansion of coastal dependent developments to areas presently designated and used for such developments and permit reasonable long-term growth at such areas, and permit coastal dependent development outside of presently designated areas when:

(i) Use of presently designated locations is not feasible;
(ii) Adverse environmental effects are minimized; and

(iii) The development is important to the State's economy;

(6) Coastal hazards;
(A) Develop and communicate adequate information about storm wave, tsunami, flood, erosion, subsidence, and point and nonpoint source pollution hazards;

(B) Control development in areas subject to storm wave, tsunami, flood, erosion, hurricane, wind, subsidence, and point and nonpoint source pollution hazards;

(C) Ensure that developments comply with requirements of the Federal Flood Insurance Program; and

(D) Prevent coastal flooding from inland projects;

(7) Managing development;
(A) Use, implement, and enforce existing law effectively to the maximum extent possible in managing present and future coastal zone development;

(B) Facilitate timely processing of applications for development permits and resolve overlapping or conflicting permit requirements; and

(C) Communicate the potential short and long-term impacts of proposed significant coastal developments early in their life cycle and in terms understandable to the public to facilitate public participation in the planning and review process;

(8) Public participation;
(A) Promote public involvement in coastal zone management processes;

(B) Disseminate information on coastal management issues by means of educational materials, published reports, staff contact, and public workshops for persons and organizations concerned with coastal issues, developments, and government activities; and

(C) Organize workshops, policy dialogues, and site-specific mediations to respond to coastal issues and conflicts;

(9) Beach protection;
(A) Locate new structures inland from the shoreline setback to conserve open space, minimize interference with natural shoreline processes, and minimize loss of improvements due to erosion;

(B) Prohibit construction of private erosion-protection structures seaward of the shoreline, except when they result in improved aesthetic and engineering solutions to

erosion at the sites and do not interfere with existing recreational and waterline activities;

(C) Minimize the construction of public erosion-protection structures seaward of the shoreline;

(D) Prohibit private property owners from creating a public nuisance by inducing or cultivating the private property owner's vegetation in a beach transit corridor; and

(E) Prohibit private property owners from creating a public nuisance by allowing the private property owner's unmaintained vegetation to interfere or encroach upon a beach transit corridor;

(10) Marine resources;
(A) Ensure that the use and development of marine and coastal resources are ecologically and environmentally sound and economically beneficial;

(B) Coordinate the management of marine and coastal resources and activities to improve effectiveness and efficiency;

(C) Assert and articulate the interests of the State as a partner with federal agencies in the sound management of ocean resources within the United States exclusive economic zone;

(D) Promote research, study, and understanding of ocean processes, marine life, and other ocean resources to acquire and inventory information necessary to understand how ocean development activities relate to and impact upon ocean and coastal resources; and

(E) Encourage research and development of new, innovative technologies for exploring, using, or protecting marine and coastal resources.

§205A-4 Implementation of objectives, policies, and guidelines. *(a) In implementing the objectives of the coastal zone management program, the agencies shall give full consideration to ecological, cultural, historic, esthetic, recreational, scenic, and open space values, and coastal hazards, as well as to needs for economic development.*

Discussion: The CZM area encompasses the entire state. Because there is no point of land more than 30 miles from the ocean, a definite land-sea connection exists throughout the state. So, designating the entire state as the CZM area is logical. What occurs on land, even on the mountains, will impact and influence the quality of the coastal waters

and marine resources. The CZM area also extends seaward to the limit of the State's police power and management authority, to include the territorial sea. This legal seaward boundary definition is consistent with Hawaii 's historic claims over the Hawaiian archipelagic waters based on ancient transportation routes and submerged lands.

In compliance with Objective (5)(A), 803 Waimanu provides much needed affordable and moderately priced housing located in urban Honolulu, a suitable location for such development. The development of 803 Waimanu will have no significant impact to the coastal areas in the vicinity of Kaka'ako.

4.1.3 Hawaii State Plan (Chapter 226, Hawaii Revised Statutes)

§226-3 Overall Theme
Hawaii's people, as both individuals and groups, generally accept and live by a number of principles or values which are an integral part of society. This concept is the unifying theme of the state plan. The following principles or values are established as the overall theme of the Hawaii state plan:

(1) Individual and family self-sufficiency refers to the rights of people to maintain as much self-reliance as possible. It is an expression of the value of independence, in other words, being able to freely pursue personal interests and goals. Self-sufficiency means that individuals and families can express and maintain their own self-interest so long as that self-interest does not adversely affect the general welfare. Individual freedom and individual achievement are possible only by reason of other people in society, the institutions, arrangements and customs that they maintain, and the rights and responsibilities that they sanction.

(2) Social and economic mobility refers to the right of individuals to choose and to have the opportunities for choice available to them. It is a corollary to self-sufficiency. Social and economic mobility means that opportunities and incentives are available for people to seek out their own levels of social and economic fulfillment.

(3) Community or social well-being is a value that encompasses many things. In essence, it refers to healthy social, economic, and physical environments that benefit the community as a whole. A sense of social responsibility, of caring for others and for the well-being of our community and of participating in social and political life, are important aspects of this concept. It further implies the aloha spirit--attitudes of

tolerance, respect, cooperation and unselfish giving, within which Hawaii's society can progress.

One of the basic functions of our society is to enhance the ability of individuals and groups to pursue their goals freely, to satisfy basic needs and to secure desired socio-economic levels. The elements of choice and mobility within society's legal framework are fundamental rights. Society's role is to encourage conditions within which individuals and groups can approach their desired levels of self-reliance and self-determination. This enables people to gain confidence and self-esteem; citizens contribute more when they possess such qualities in a free and open society.

Government promotes citizen freedom, self-reliance, self-determination, social and civic responsibility and goals achievement by keeping order, by increasing cooperation among many diverse individuals and groups, and by fostering social and civic responsibilities that affect the general welfare. The greater the number and activities of individuals and groups, the more complex government's role becomes. The function of government, however, is to assist citizens in attaining their goals. Government provides for meaningful participation by the people in decision-making and for effective access to authority as well as an equitable sharing of benefits. Citizens have a responsibility to work with their government to contribute to society's improvement. They must also conduct their activities within an agreed-upon legal system that protects human rights. [L 1978, c 100, pt of §2]

Discussion: The self-sufficiency and self-reliance provisions in the Hawaii State Plan can be viewed as promoting upward mobility and homeownership. 803 Waimanu provides this opportunity by providing 153 affordable and moderately-priced units for individuals and families. Homeownership provides social and economic mobility in a community. As is well documented and studied, homeownership in Hawaiʻi is a challenge for many individuals and families.

§226-4 State Goals

In order to guarantee, for present and future generations, those elements of choice and mobility that insure that individuals and groups may approach their desired levels of self-reliance and self-determination, it shall be the goal of the State to achieve:
(1) A strong, viable economy, characterized by stability, diversity, and growth, that enables the fulfillment of the needs and expectations of Hawaii's present and future generations.

(2) A desired physical environment, characterized by beauty, cleanliness, quiet, stable natural systems, and uniqueness, that enhances the mental and physical well-being of the people.

(3) Physical, social, and economic well-being, for individuals and families in Hawaii, that nourishes a sense of community responsibility, of caring, and of participation in community life. [L 1978, c 100, pt of §2; am L 1986, c 276, §3]

Discussion: Affordable housing is sustainable development. In this context, "sustainable" can be defined as social and economic sustainability. Affordable housing provides social mobility and economic opportunities that would not be possible with just market-driven and luxury housing prices. 803 Waimanu is also a mixed-income development in a neighborhood with adequate schools, parks, and other social and recreational opportunities. Affordable, mixed-income developments sustains the social fabric of a community and neighborhood.

§226-19 Objectives and Policies for Socio-Cultural Advancement – Housing

(a) Planning for the State's socio-cultural advancement with regard to housing shall be directed toward the achievement of the following objectives:

(1) Greater opportunities for Hawaii's people to secure reasonably priced, safe, sanitary, and livable homes, located in suitable environments that satisfactorily accommodate the needs and desires of families and individuals, through collaboration and cooperation between government and nonprofit and for-profit developers to ensure that more affordable housing is made available to very low-, low- and moderate-income segments of Hawaii's population.

(2) The orderly development of residential areas sensitive to community needs and other land uses.

(3) The development and provision of affordable rental housing by the State to meet the housing needs of Hawaii's people.

(b) To achieve the housing objectives, it shall be the policy of this State to:

(1) Effectively accommodate the housing needs of Hawaii's people.

(2) Stimulate and promote feasible approaches that increase housing choices for low-income, moderate-income, and gap-group households.

(3) Increase homeownership and rental opportunities and choices in terms of quality, location, cost, densities, style, and size of housing.

(4) Promote appropriate improvement, rehabilitation, and maintenance of existing housing units and residential areas.

(5) Promote design and location of housing developments taking into account the physical setting, accessibility to public facilities and services, and other concerns of existing communities and surrounding areas.

(6) Facilitate the use of available vacant, developable, and underutilized urban lands for housing.

(7) Foster a variety of lifestyles traditional to Hawai'i through the design and maintenance of neighborhoods that reflect the culture and values of the community.

(8) Promote research and development of methods to reduce the cost of housing construction in Hawai'i.

Discussion: 803 Waimanu will provide affordable housing for the low and moderate-income segments of Honolulu's population which are currently underserved. Moreover, the P~~p~~roject will increase homeownership opportunities and increase housing choice in the urban Honolulu area and for citizens who desire city-living over a suburban lifestyle. 803 Waimanu is in a desirable location in Kaka'ako with close proximity to schools, open space, recreation, shopping, and other basic need services. Providing residential development in urban Honolulu, more specifically, Kaka'ako implements the long-range vision of developing, improving and fostering urban living that promotes walkability and a sense of community by locating near various amenities and the Honolulu central business district (CBD). The mechanized parking system minimizes the need for structured parking, which reduces construction costs.

4.2 Kaka'ako Community Development District: Mauka Area

The HCDA's vision is to ensure that the KCDD becomes the most sustainable, livable urban community in the State, a place where people can work, live, visit, learn and play.

The intent is to establish a community that offers people choices – a range of housing opportunities with parks, recreation areas, shopping and work places, and commuting options that will make life more comfortable and convenient. The KCDD's Mauka Area Plan and Rules set forth the policies and direction for both public improvements and private development within the Mauka Area over the next 10 to 20 years. The Mauka Area Plan was revised in September 2011. The following subsections reference the pertinent policies and provisions from the Mauka Area Plan and Rules.

Mauka Area Plan

3.3 Make the Connections

The Mauka Area has the potential to provide convenient access to a wide range of services and activities via walking, bicycling or transit. At present, the circulation system is designed to support vehicular traffic rather than other travel modes. To foster the development of an urban village environment, it is essential to restore a balance to support other modes of transportation. A variety of routes for vehicles, bicycles and pedestrians is proposed to distribute traffic and provide alternative ways to navigate through and around the district.

Discussion: As previously stated in this EA, the Project is in proximity and walking distance to abundant bus transit lines and the future rail system Civic Center station, coinciding with policies to develop residential uses that connect to public transport lines, thereby promoting the urban village concept.

4.1 Neighborhoods

Central Kaka'ako *is composed primarily of small lots in individual ownership. The predominant uses are service businesses, many with an industrial character, such as repair shops and production facilities. Central Kaka'ako is valued as a convenient location for service businesses, but its functionality is hampered by inadequate parking, storm drainage and sidewalks. These conditions will be an even greater impediment as surrounding neighborhoods such as Kapi'olani, Auahi and Pauahi redevelop. Therefore, the strategy for Central Kaka'ako is support the viability of small business use while allowing for potential future re-use of small properties in this neighborhood through selective improvements to streets and parking.*

Discussion: 803 Waimanu is located within the Central Kaka'ako neighborhood and is a redevelopment project which will change a low-rise light industrial use to a mid-rise residential use. This redevelopment project is in accordance with the vision to allow future re-use of small parcels within the neighborhood. Figure 7 illustrates the ~~project site~~ Site in relation to the Mauka Area, Central Kaka'ako neighborhood.

5.1 Principles

Support Transit-Oriented Development
Transit oriented Development (TOD) is an area that is designed to maximize access to public transportation and often incorporates features to encourage transit ridership. A TOD neighborhood will typically have transit station surrounded by relatively high-density development within a 10-minute walk surrounding the train station. Features of TOD include mixed-use development that will use transit at all times of the day, excellent pedestrian facilities, collector support from other modes of transportation (buses and shuttles), and reduced amounts of parking for personal vehicles.

Discussion: 803 Waimanu will consist of 153 residential units within walking distance to the future Civic Center rail station, resulting in ridership opportunities for future residents. This development will also include reduced amounts of parking, consistent with TOD and transit ridership.

7.1.3 Pedestrian Travel

Pedestrian Tolerant Environments: These are areas and corridors where walking is technically safe (there are continuous sidewalks and some kind of reasonably safe street crossings), but the land use patterns are such that little walking activity is likely to be generated. Tolerant environments provide pedestrian facilities, but include a very minimal level of accommodation.

Most of the major streets in the Mauka Area are Pedestrian Tolerant Environments, with sidewalks but few amenities, such as trees. Intolerant pedestrian connections prevail in Central Kaka'ako, where many blocks lack curbs and sidewalks.

7.3.5 Pedestrian Facilities
The term "pedestrian realm" is used to describe in detail the layout of what is commonly referred to as the "sidewalk area." The pedestrian realm consists of a tree/furniture

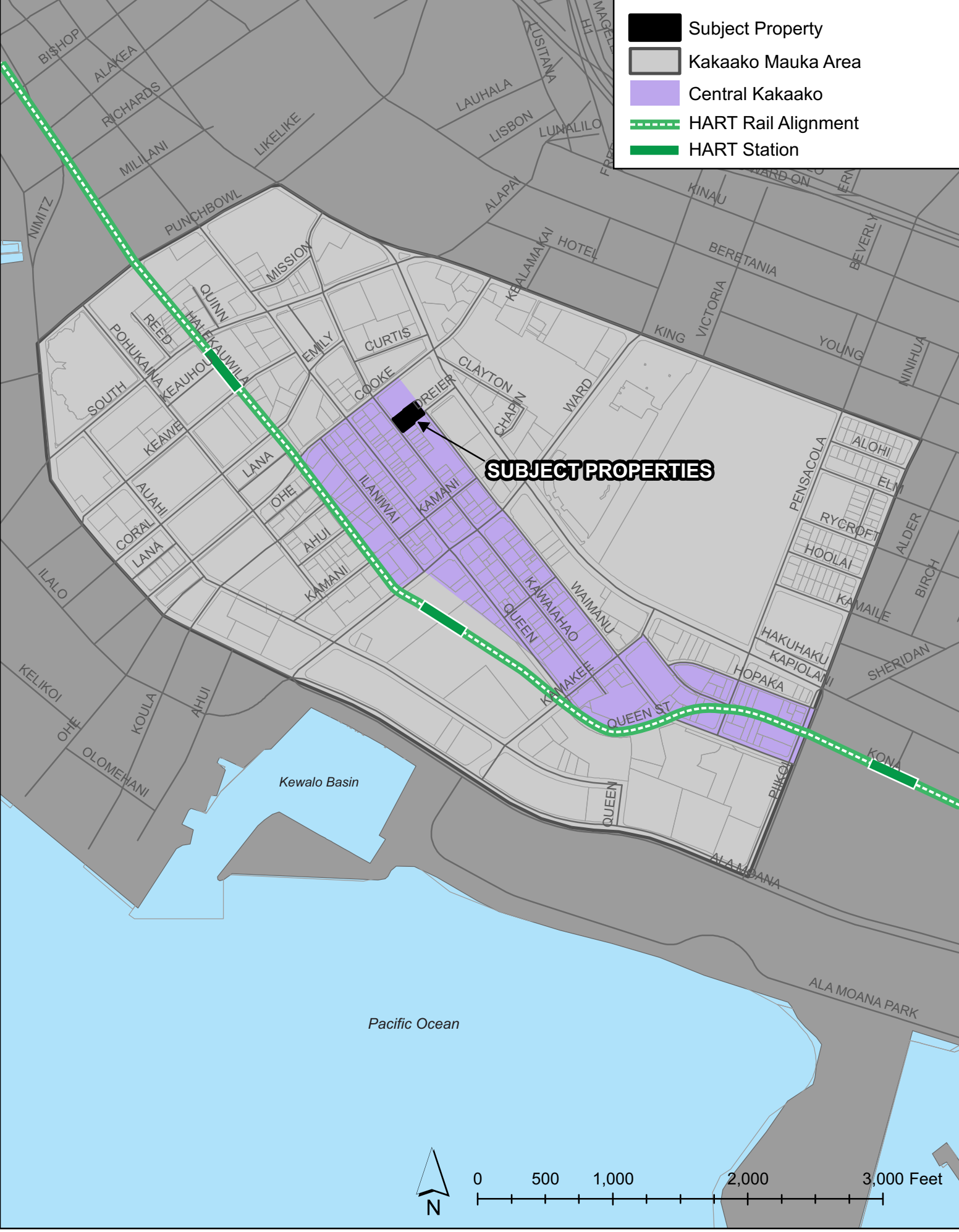


Figure 7 - Kakaako Mauka Area Boundary Map

zone next to the curb, a clear walk zone, and "shy space" at the face of the adjacent building.

Discussion: 803 Waimanu provides sidewalks along Waimanu and Kawaiahao Streets connecting to the existing sidewalks along Waimanu Street on to Kapi'olani Boulevard. The policy above states that intolerant pedestrian connections prevail in Central Kaka'ako, and the immediate area surrounding the Site is typical of this. 803 Waimanu improves the pedestrian realm by providing sidewalks and related landscaping. The Architectural Drawings – Appendix A, Site Plan illustrates street trees along Kawaiahao Street.

8.0 Reserved Housing

This section pertains to the methods by which the HCDA will fulfill the legislative mandate in HRS Section 206E-33(8) relating to Housing, which states:

"Residential development shall ensure a mixture of densities, building types, and configuration in accordance with appropriate urban design guidelines; integration both vertically and horizontally of residents of varying incomes, ages, and family groups; and an increased supply of housing for residents of low- or moderate-income shall be required as a condition of redevelopment in residential use. Residential development shall provide necessary community facilities, such as open space, parks, community meeting places, child care centers, and other services, within and adjacent to residential development."

The Legislature also delegated to the HCDA the necessary powers to develop housing. However, there are other state agencies such as the Hawaii Housing Finance & Development Corporation (HHFDC) that specialize in affordable housing development and are better qualified for this task. Therefore, the HCDA's housing program will be more effective if it is geared toward a specific housing product type that targets the workforce or the gap-group instead of the entire affordable spectrum. With this in mind, HCDA's focus will be to stimulate the production of housing units for workforce buyers from 100% up to 140% of Area Median Income (AMI)[1]by ensuring that a portion of residential projects are set aside or "reserved" for this income group. The HCDA will refer to these as "reserved housing" (RH) units in order to differentiate these from

[1] All references to income standards are based on the U.S. Department of Housing & Urban Development (HUD) data.

"affordable" units produced by other government agencies, which are usually priced at lower income groups[2]. The HCDA will refer all other development opportunities such as land acquisition opportunities and development projects to the appropriate State agency. In addition, the HCDA will continue to consider any reasonable RH proposal.

Discussion: The permit application for 803 Waimanu approved by HCDA on January 8, 2014 includes a Reserved Housing (RH) proposal. In compliance with the Kaka'ako RH Rules, 20% of the residential floor area or approximately 24 units are set aside as Reserved Housing. This complies with the 20% minimum prescribed by the RH Rules. The RH units will be priced so they are affordable to households earning a maximum of 140% AMI. The RH price segment is in demand as much of the housing that is developed includes luxury-priced, market-priced, or low-income priced; often excluding the "gap-group" of 100% to 140% of AMI.

8.1 Inclusionary Housing

Inclusionary housing is a flexible strategy with a proven track record of meeting a community's affordable housing needs. Such a policy has been most effective in areas such as Kaka'ako that are experiencing growth, since affordable units are only generated if private residential development is occurring in the community. However, some pricing restraint is necessary to avoid a wide disparity in quality and other potential conflicts between the market and RH units.

In the past, zoning requirements have been an effective exclusionary tool. Intentional or not, zoning's effect has often segregated communities by income and race simply by influencing pricing. Many jurisdictions typically use zoning to require minimum lot sizes, minimum home sizes and restrictions that make it difficult, if not impossible, to build affordable housing in these communities. The result is a pattern of enclaves that are priced too high for low-to-moderate –income families. As a consequence, these low-to-moderate income families are cut off from better schools, emerging job centers and opportunity networks, and relegated to lengthy commutes to work, school and social contact.

[2] "Reserved Housing" is HCDA's term. The term "affordable housing" often focuses on lower income level targets. Also reserved housing promotes the policy of inclusion.

Inclusionary housing requirements mitigate this disparity by using pricing and selective sales as a tool for promoting mixed-income communities. Inclusionary housing programs also allow innovative communities to create housing for their workforce, and enable families of moderate means to benefit from urban redevelopment.

Mixed-income communities broaden access to well-funded schools, strong municipal services and emerging job centers. Mixed-income communities also provide openings through which lower-wage earning families can buy homes in appreciating housing markets, accumulate wealth, and share a part of the American dream.

Discussion: 803 Waimanu will provide 24 of its total units as inclusionary Reserved Housing units restricted to income levels from 100% to 140% of AMI, thereby carrying out the aforementioned policies on Inclusionary Housing. Implementing inclusionary housing projects within Kaka'ako results in mixed-income communities; a sound and healthy approach to urban redevelopment. Inclusionary housing allows workforce households to live in urban core areas such as Kaka'ako and not in the suburban fringe where home prices are cheaper. Urban redevelopment projects that implement inclusionary housing also result in moderate-income households with shorter commutes to school, work, and recreation.

8.8 Compatibility in Outward Appearance

Developers should be required to construct reserved units that are similar or compatible in outward appearance to market rate units. This requirement will provide cohesiveness in the physical appearance of a neighborhood helping to overcome negative perceptions of what constitutes "affordable" housing. Developers generally have a vested interest in adhering to this requirement since units that are disparate in outward appearance can lower the market value of their development.

Discussion: The design and construction of 803 Waimanu will be uniform in outward appearance between RH units and market-priced units.

8.9 Maintaining Affordability

Reserved Housing units should remain affordable as long as reasonable long-term constraint in sales of RH for future generations and are needed to expand the inventory of RH units. Long term affordability can be achieved by various means. The typical tools used by HCDA are equity sharing upon resale, and buy-back option in favor of HCDA. These features will be incorporated as covenants in the deed for the unit.

Programs with long affordability terms can call for a sharing of equity upon resale which while providing the incentive of the creation of wealth and to avoid making RH ownership financially less attractive for speculators. These terms allow the owner to build some equity while effectively eliminating profiteering.

For units purchased under the buy-back provision triggered by the homeowners decision to sell the unit prior to the expiration of the buy-back term, the purchase price should be set as low as possible to the original reserved purchase price so the unit can be resold to another qualified buyer. Therefore, the buy-back price should be based on the original reserved purchase price inflated only by an appropriate inflationary index and owner paid unit improvements. This allows for the owner to extract some equity while keeping the unit still affordable.

Discussion: For Reserved Housing, affordability restrictions last for 5 years. For HHFDC-restricted units, affordability restrictions last for 10 years. Both agencies use a buy-back provision or right-of first-refusal to give the agency the option to buy back the unit. Both agencies also use a shared equity appreciation model when the unit is sold to a third party. These provisions allow the agencies to maintain affordability while avoiding profiteering by homebuyers.

Mauka Area Rules

§15-217-23 Neighborhood Zones.

(5) Central Kaka'ako zone (see Figure NZ.5 – Central Kaka'ako, dated September 2011, made a part of this chapter and attached at the end of this chapter). The central Kaka'ako zone will support the continued operation of service businesses including those which are industrial such as repair shops and manufacturing or distribution, as well as residential mixed-use projects within its zone. Inadequate infrastructure will be repaired or upgraded to adequately support existing and planned development and uses;

Discussion: 803 Waimanu will have adequate infrastructure for all units and will provide 101 units of restricted affordable housing. This Project will provide residential dwelling units in the high demand area of urban Honolulu.

§15-217-80 Improvement and development permits.

(d) Required findings. Approval of an improvement or development permit shall require all the following findings of fact:
(1) Mauka Area Plan consistency. That the proposal complies with and advances the goals, policies and objectives of the Mauka Area Plan;
(2) Mauka Area Rules consistency. That the proposal will protect, preserve, or enhance desirable neighborhood characteristics through compliance with the standards and guidelines of the Mauka Area Rules; and
(3) Compatibility. That the proposal will not have a substantial adverse effect on surrounding land uses and will be compatible with the existing and planned land use character of the surrounding area.

Discussion: As a result of public comments and concerns raised during the HCDA approval process, the Project was reduced from a 220 foot tall building with 224 units to a 65-foot tall building with 153 units. The Applicant did not request any modifications to the Mauka Area Rules. HCDA staff recommended approval of the Project, and it was approved by HCDA at a public hearing on January 8, 2014 by a vote of 7 to 0. There are 91 parking stalls provided for the 153 units. The 62 studio units priced in the 80% AMI range will have no parking stalls associated with the unit. All other units will have one stall.

Kaka'ako Community Development District – Transit-Development Overlay Plan

The policies below from Chapter 2 – Guiding Principles from the Draft TOD Overlay Plan illustrate the vision for linking land use and transportation in Kaka'ako.

Objective D1: Destinations - Coordinate land use and transportation

Policy D1.1 Locate highest density of uses near high-capacity, high-frequency transit, including high frequency bus and HART stations.

Policy D1.2 Sustain the district's mixed use character and encourage a mix of land uses around transit stations, near transit corridors and transfer centers to spread demand throughout the day and create an interesting and dynamic pedestrian environment.

Policy D1.3 Create quality connections between the Kaka`ako district and neighboring districts to extend the viability of active transportation choices.

Discussion: The redevelopment of the Site from light industrial use to residential use coincides with encouraging a mix of land uses in proximity to transit stations. 803 Waimanu will provide housing which maximizes density within walking distance (approximately ¼ mile) to the Civic Center rail station and will promote active transportation choices of walking or biking, as well as taking public transit.

Objective D2: Distance - Create a well-connected street network using Complete Streets principles

Policy D2.2 Create a multimodal mobility network, providing a continuous high quality environment that encourages active transportation and quality public spaces throughout the district.

Policy D2.3 Balance system uses by creating multimodal streets with priority for moving people rather than cars through design treatments that encourage walking, biking and taking transit.

Policy D2.4 Make walking and cycling access to frequent transit as direct as possible.

Policy D2.5 Complete streets implementation will be coordinated with the implementation of new utility infrastructure necessary to catalyze and support development.

Discussion: The Project will be located approximately ¼ mile from the Civic Center rail station and will provide sidewalks on the Waimanu Street and Kawaiahao Street frontages to link pedestrians with the greater sidewalk network in this neighborhood.

Objective D4: Density - Concentrate and intensify activities near frequent transit

Policy D4.2 Offset increased development heights with increased active public space amenities that directly benefit the building's residents and tenants.

Policy D4.3 Plan for density that supports community character and promotes a high quality of life.

Discussion: The Project proposes higher density development in the urban Honolulu, Kaka'ako core in proximity to public transit lines including the future rail line. The density of the Project is consistent with the density and community character of the neighborhood.

Objective D5: Diversity - Encourage a Mix of Uses

Policy D5.1 Provide a mix of housing types at varying densities and costs.

Discussion: The Project provides affordable housing which is in high demand in Kaka'ako. Affordable housing in the urban core is sound and balanced planning practice especially with the ever-increasing costs of travel from the suburban areas to the core employment center of urban Honolulu.

4.3 City and County of Honolulu: General Plan

The General Plan for the City and County of Honolulu establishes long-range objectives and policies for the general welfare of the public and, together with the City Charter, provides a direction and framework to guide the programs and activities of the City and County of Honolulu.

The General Plan is a guide for all levels of government, private sector, neighborhood and citizen groups, organizations, and individual citizens in eleven (11) areas of concern:

1) population;
2) economic activity;
3) the natural environment;
4) housing;
5) transportation and utilities;
6) energy
7) physical development and urban design;
8) public safety;
9) health and education;
10) culture and education; and

11) government operations and fiscal management.

The ~~proposed p~~Project is in accordance with the following General Plan policies:

I. POPULATION

Objective C: To establish a pattern of population distribution that will allow the people of Oahu to live and work in harmony.
Policy 1: Facilitate the full development of the primary urban center.

Discussion: 803 Waimanu is located within the Primary Urban Center (PUC). Housing that is affordable to the workforce and centrally located is important to ease the burden on transportation systems. This General Plan policy also coincides with urban infill elements as 803 Waimanu will "facilitate the full development of the primary urban center."

IV. HOUSING
Objective A: To provide decent housing for all the people of Oahu at prices they can afford.

Policy 3: Encourage innovative residential development, which will result in lower costs, added convenience and privacy, and the more efficient use of streets and utilities.

Policy 5: Make full use of State and Federal programs that provide financial assistance for low- and moderate-income homebuyers.

Objective C: To provide the people of Oahu with a choice of living environments which are reasonably close to employment, recreation, and commercial centers and which are adequately served by public utilities.

Policy 3: Encourage residential development near employment centers.

Policy 4: Encourage residential development in areas where existing roads, utilities, and other community facilities are not being used to capacity.

Discussion: 803 Waimanu will provide 101 of the total 153 units at restricted affordable price points. 803 Waimanu will increase the inventory of affordable residential

condominiums in the PUC, near employment, recreation, and commercial centers. As previously stated, 803 Waimanu is an urban infill development, which has the following benefits: 1) allows communities to achieve and sustain population density thresholds that are needed to attract certain amenities (parks, community services, retail); and 2) can be an effective tool for increasing supply of more affordable homes in an efficient manner. As an urban infill project, 803 Waimanu achieves the aforementioned General Plan housing objectives and policies and strives towards a more sustainable, efficient, and balanced city.

VII. PHYSICAL DEVELOPMENT AND URBAN DESIGN
Objective A: To coordinate changes in the physical environment of Oahu to ensure that all new developments are timely, well- designed, and appropriate for the areas in which they will be located.

Policy 2: Coordinate the location and timing of new development with the availability of adequate water supply, sewage treatment, drainage, transportation, and public safety facilities.

Policy 5: Provide for more compact development and intensive use of urban lands where compatible with the physical and social character of existing communities.

Policy 6: Encourage the clustering of developments to reduce the cost of providing utilities and other public services.

Policy 9: Exclude from residential areas, uses which are major sources of noise and air pollution.

Objective B: To develop Honolulu (Wai'alae-Kahala to Hālawa*), Aiea, and Pearl City as the Island's primary urban center.*

Policy 5: Encourage the development of attractive residential communities in downtown and other business centers.

Objective E: To create and maintain attractive, meaningful, and stimulating environments throughout Oahu.

Policy 4: Require the consideration of urban-design principles in all development projects.

Policy 5: Require new developments in stable, established communities and rural areas to be compatible with the existing communities and areas.

Policy 6: Provide special design standards and controls that will allow more compact development and intensive use of lands in the primary urban center.

Discussion: 803 Waimanu is consistent with policies to promote development in the PUC. By design, 803 Waimanu is also consistent with the policy to provide for more compact development and intensive use of urban lands by maximizing density on the Site and providing a highly efficient mechanized parking system. 803 Waimanu will add residents to an already vibrant, mixed-use neighborhood through the addition of affordable and moderately priced housing.

The Smart Growth Network, an organization promoting compact, walkable neighborhoods in proximity to public transport, developed a set of ten (10) basic principles which relate to the above-referenced General Plan objectives and policies. The ten (10) smart growth principles are:

1) Mix land uses;
2) Take advantage of compact building design;
3) Create a range of housing opportunities and choices;
4) Create walkable neighborhoods;
5) Foster distinctive, attractive communities with a strong sense of place;
6) Preserve open space, farmland, natural beauty, and critical environmental areas;
7) Strengthen and direct development towards existing communities;
8) Provide a variety of transportation choices;
9) Make development decisions predictable, fair, and cost effective; and
10) Encourage community and stakeholder collaboration in development decisions.

803 Waimanu is compatible with and relevant to most of these Smart Growth principles. 803 Waimanu creates a range of housing opportunities and choices, relating to the housing policies of the General Plan; creates walkable neighborhoods by locating near an abundance of services and amenities and by creating sidewalks along the project area; preserves open space, farmland, natural beauty, and critical environmental areas by

locating within the Primary Urban Center of Honolulu; strengthens and directs development towards existing communities by locating in the urban core of Honolulu and providing a housing choice that is in high demand; and provides a variety of transportation choices by providing bicycle storage, locating near public transit, and being walkable to an array of services and amenities.

4.4 City and County of Honolulu: Primary Urban Center Development Plan

The City Department of Planning and Permitting (DPP) has established Development/Sustainable Communities Plans for eight geographic regions that include all areas of Oahu. These community-oriented plans are intended to help guide public policy, investment, and decision-making through the 2025 planning horizon. The relevant plan for the Project is the Primary Urban Center Development Plan.

3.3 In-Town Housing Choices
"The PUC of the future offers in-town housing choices for people of all ages and incomes." This third element of the Vision address the need for affordable housing, both rental and for-sale, in the PUC to serve families with young children as well as young adults, elderly residents, and multi-generational households.

3.3.2 Policies
• Provide for high-density housing options in mixed-use developments around transit stations. This type of "transit-oriented development" facilitates transit use and allows for increased densities without generating increased vehicular congestion.

Discussion: Although the PUC Development Plan does not pertain to development projects within Kaka'ako, which are under HCDA jurisdiction; the policies stated above coincide with 803 Waimanu. The Project provides in-town housing choices and is a TOD development as it will be located within 1/4 mile of the future Civic Center Rail Station. Figure 8 – Primary Urban Center Development Plan Map, is a graphic illustration of the PUC designation for the Site. Although the Site has a PUC land use designation as Industrial, the surrounding properties are designated Medium and Higher-Density

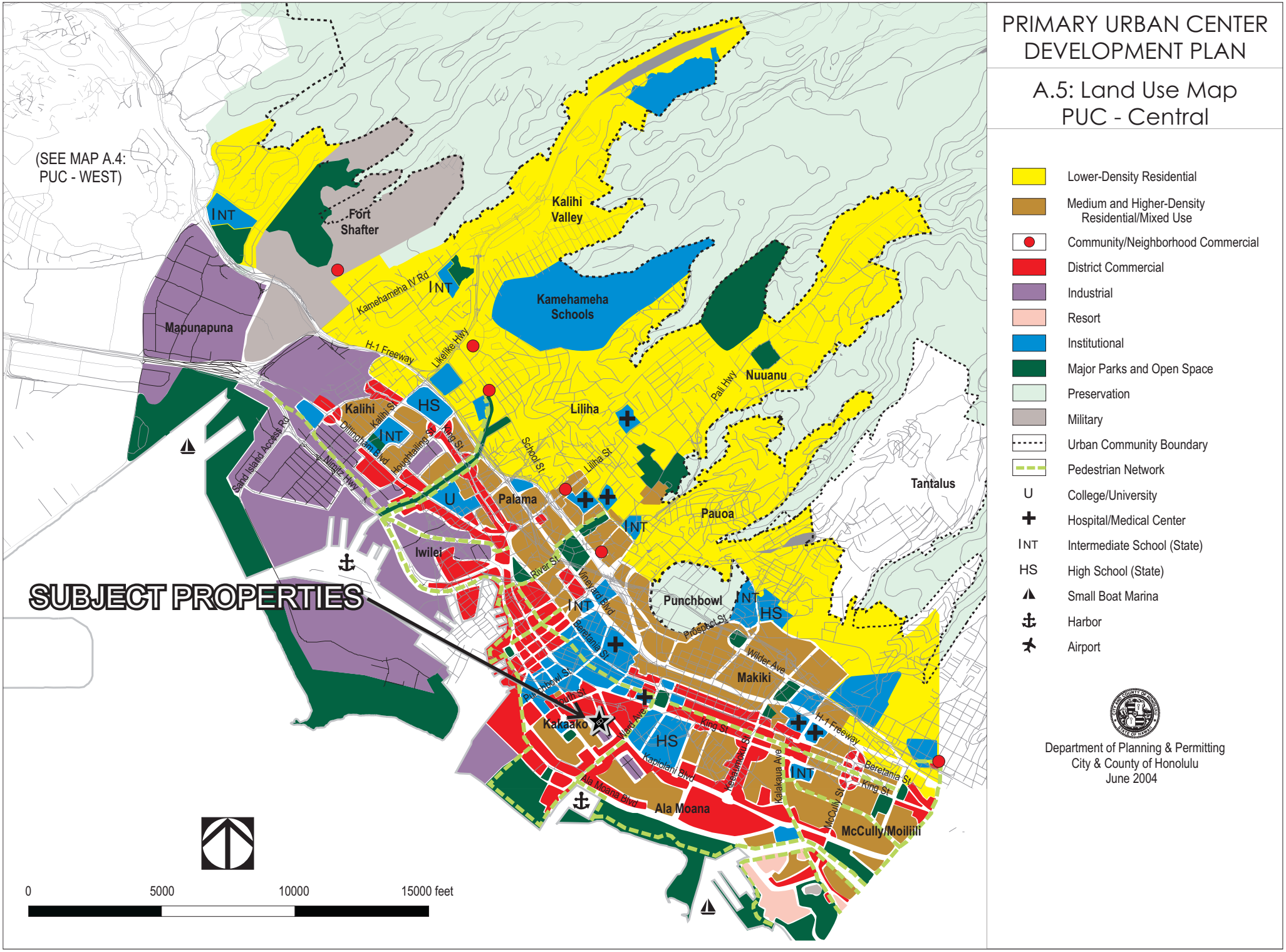


Figure 8 - PUC Development Plan Map

Residential/Mixed-Use. Moreover, land development in Kaka'ako is transforming from industrial uses to high-density residential and mixed use.

4.5 City and County of Honolulu: Complete Streets Ordinance

The following Complete Streets principles from ROH Chapter 14, Article 33 are relevant to 803 Waimanu:

Sec. 14-33.2 Complete Streets Policy; Principles.

(a) There is hereby established a complete streets policy and principles for the City and County of Honolulu to guide and direct more comprehensive and balanced planning, design, and construction of city transportation systems. Under this policy, the city hereby expresses its commitment to encourage the development of transportation facilities or projects that are planned, designed, operated, and maintained to provide safe mobility for all users. Every transportation facility or project, whether new construction, reconstruction, or maintenance, provides the opportunity to implement complete streets policy and principles. This policy provides that a context sensitive solution process and multi-modal approach be considered in all planning documents and for the development of all city transportation facilities and projects.

(b) Complete streets principles consist of the following objectives:

1) Improve safety;
2) Apply a context sensitive solution process that integrates community context and the surrounding environment, including land use;
3) Protect and promote accessibility and mobility for all;
4) Balance the needs and comfort of all modes and users;
5) Encourage consistent use of national industry best practice guidelines to select complete streets design elements;
6) Improve energy efficiency in travel and mitigate vehicle emissions by providing non-motorized transportation options;
7) Encourage opportunities for physical activity and recognize the health benefits of an active lifestyle;
8) Recognize complete streets as a long-term investment that can save money over time;
9) Build partnerships with stakeholders and organizations statewide; and
10) Incorporate trees and landscaping as integral components of complete streets.

Discussion: 803 Waimanu provides additional safety by providing sidewalks along the Waimanu and Kawaiahao Street frontages. Sidewalk construction is needed in the urban infill sections of Kaka'ako for pedestrian safety and the overall pedestrian linkage and network in this neighborhood. The Kawaiahao street frontage will also include a sidewalk and new street trees to encourage a more pedestrian friendly environment. On-site bicycle facilities, including guest bicycle parking and secure bicycle parking for residents, will be provided.

5.0 ALTERNATIVES TO THE PROPOSED ACTION

5.1 No Action Alternative

A no action alternative would result in the current tenants' continued use at the Site resulting in long-term light industrial usage. As evidenced by current redevelopment projects in Kaka'ako, the predominant industrial uses are transforming to multi-family residential condominium projects and mixed-use developments. Compared to the Project, the current use as one to two story light industrial warehouses does not effectively achieve the goals of the General Plan which encourages higher density development near transit nodes. Maintaining the current use onsite also does not accomplish the affordable and Reserved Housing goals of the General Plan and the Mauka Area Plan/Rules, respectively.

5.2 Alternative Site Development Concepts

803 Waimanu was originally designed as a 27-story workforce housing project with over 200 units. Due to public concerns on issues related to height, Floor Area Ratio (FAR)-density, and traffic, the P~~p~~roject was re-designed to comply with the KCDD Mauka Area Rules without design standard exemptions or discretionary review.

6.0 LIST OF REQUIRED PERMITS AND APPROVALS

Permits and approvals that may be required are contingent upon the actual design of the Project. All relevant permits and approvals are generally ministerial in nature and are listed below.

State Agencies		
Permit or Approval	**Approving Agency**	**~~Status~~**
~~Environmental Assessment~~	~~HHFDC~~	~~Draft EA submitted~~
Kaka'ako Community Development District	HCDA	~~Approval granted~~
National Pollutant Discharge Elimination	Department of Health	~~Application not yet submitted~~
Dwelling Unit Revolving Fund (DURF) Loan ~~&~~	HHFDC	~~Application expected with Draft EA publication~~
Americans with Disability Act (ADA)	Disability and Communication Access	~~Application not yet submitted~~
County Agencies		
Permit or Approval	**Approving Agency**	
Building Permits	Department of Planning & Permitting (DPP)	~~Application not yet submitted~~
Certificate of Occupancy	DPP	~~Application not yet submitted~~
Dewatering Permit	DPP	~~Application not yet submitted~~
Grading, Grubbing, Stockpiling, Trenching	DPP	~~Application not yet submitted~~
Demolition	DPP	~~Application not yet submitted~~
Construction Dewatering Permit	Department of Environmental Services	~~Application not yet submitted~~
Sewer Connection Permit	DES	~~Application not yet submitted~~
Street Usage Permit	Department of Transportation Services	~~Application not yet submitted~~

7.0 FINDINGS AND REASONS SUPPORTING DETERMINATION

7.1 Significance Criteria

As stated in Section 11-200-12, EIS Rules, Significance Criteria: in determining whether an action may have a significant effect on the environment, every phase of a proposed action shall be considered. The expected consequences of an action, both primary and secondary, and the cumulative as well as the short-term and long-term effects must be assessed in determining if an action shall have significant effect on the environment. Each of the significance criteria is listed below and is followed by the means of compliance or conflict (if extant).

A. Involves an irrevocable commitment to loss or destruction of any natural or cultural resource.

Discussion: This EA evaluates the existing cultural and environmental conditions, and if any archaeological and/or cultural features are found during construction, all work will cease immediately and await SHPD's determination on how to proceed.

B. Curtails the range of beneficial uses of the environment.

Discussion: The proposed use will result in a significant change from its existing and former uses but represents an appropriate use that will benefit the public and will be environmentally consistent with the surrounding urban area. Beneficial uses of the environment will be expanded by the ~~proposed p~~Project by providing needed housing inventory in a convenient urban location in central Honolulu. Urban infill development is an environmentally sustainable approach to land development.

C. Conflicts with the state's long-term environmental policies or goals and guidelines as expressed in [Chapter] 344, HRS, and any revisions thereof and amendments thereto, court decisions, or executive orders.

Discussion: The proposed action is consistent with the goals and guidelines expressed in Chapter 344, Hawaii Revised Statutes. This Environmental Assessment has been

developed in compliance with the Chapter 343. 803 Waimanu is consistent with these policies and statutory provisions by developing in urban Honolulu and providing an "urban infill" development that is in proximity to shopping, employment, education and recreation; thereby minimizing consumption of resources.

D. Substantially affects the economic welfare, social welfare and cultural practices of the community or State.

Discussion: 803 Waimanu will make a positive contribution to the welfare and economy of the State and City by providing desirable and needed affordable housing to the State of Hawai'i. The development will also contribute positively to the community through the use of goods and services in the area, through construction-related employment, and through secondary and tertiary spending and taxes. As the location of the Project is intensely urbanized, it is unlikely to have any impact on cultural practices. If iwi or artifacts are discovered during the course of construction, all construction activities will cease. In all cases, treatments of any remains or artifacts would be in accordance with procedures required by the O'ahu Island Burial Council (IBC) and the SHPD.

E. Substantially affects public health.

Discussion: The proposed improvements are not expected to have any direct impact on public health but will provide affordable housing, thereby ensuring a better standard of living for those unable to purchase market rate housing. No recreational resources will be impacted by the P~~p~~roject, nor will the P~~p~~roject increase any undesirable environmental impacts.

F. Involves substantial secondary impacts, such as population changes or effects on public facilities.

Discussion: The proposed action will increase the population within the community and will increase the demand for public facilities. These impacts are consistent with residential development of this nature and are not considered adverse impacts. The

change in population and demand for public facilities will be readily met by existing infrastructure and services.

G. Involves a substantial degradation of environmental quality.

Discussion: The Project will not degrade environmental quality. Impacts associated with the Project, such as traffic impact and air and noise quality have been addressed and have been determined to be minimal. The P~~p~~roject is located in a highly urban environment that is expected to be heavily developed in the future. In that respect, the P~~p~~roject is consistent with the overall land use of the district.

H. Is individually limited but cumulatively has considerable effect upon the environment or involves a commitment for larger actions.

Discussion: The proposed action is not a first phase of, or related to, any larger action. The cumulative effect of the Project is disclosed in this document, and the Project does not involve any planned future actions that will cumulatively impact the environment.

I. Substantially affects a rare, threatened, or endangered species, or its habitat.

Discussion: The proposed action will not affect any rare, threatened or endangered species of flora or fauna, nor is it known to be near or adjacent to any known wildlife sanctuaries. The Site and surrounding neighborhood consist of urban uses and structures.

J. Detrimentally affects air or water quality or ambient noise levels.

Discussion: Construction activities for the development of 803 Waimanu could temporarily impact noise, air and water quality levels (i.e., fugitive dust from grading work, noise and exhaust emissions from construction equipment and vehicles). However, these potential impacts will be short-term and are not expected to be detrimental. All construction activities will comply with applicable regulations and appropriate mitigation measures will be implemented as necessary and required.

K. Affects or is likely to suffer damage by being located in an environmentally sensitive area such as a flood plain, tsunami zone, beach, erosion-prone area, geologically hazardous land, estuary, fresh water or coastal waters.

Discussion: 803 Waimanu is not located within an environmentally sensitive area and is not expected to impact any environmentally sensitive areas such as critical habitat for endangered species. The Site is also flat and is not located on geologically hazardous land. Moreover, the Site is not located adjacent to or in proximity to an estuary or freshwater or coastal waters.

L. Substantially affects scenic vistas and view planes identified in county or state plans or studies.

Discussion: The 803 Waimanu development will not affect any scenic vistas or significant viewplanes as identified in HCDA or City and County plans. The Project is located in a highly urban environment and is not located on any view corridor streets identified by the Kaka'ako Community Development District Mauka Area Plan.

M. Requires substantial energy consumption.

Discussion: There will be short-term substantial energy consumption during the demolition and construction phase of the Project. However, in the long-term there will be minimal to normal energy consumption as current construction and design standards are more energy-efficient and the Project will be built to LEED standards.

7.2 Anticipated Determination

Based on the impacts and mitigation measures examined in this document and analyzed under the above criteria, it is anticipated that 803 Waimanu will not have a significant impact on the local, County, or Statewide physical or human environments. Pursuant to Chapter 343, HRS, the Approving Agency, which for the~~is~~ P~~p~~roject is the Hawaii Housing Finance & Development Corporation (HHFDC), is anticipated to issue a Finding of No Significant Impact (FONSI).

8.0 CONSULTATION

MJF Development Corporation initiated public and agency comment through letters and meetings requesting input prior to development of this EA.

8.1 Agency Pre-Consultation

The following public agencies were sent pre-consultation letters for the preparation of this EA:

State of Hawaii

- Department of Business, Economic Development & Toursim (DBEDT)
- DBEDT, HCDA*
- DBEDT, Office of Planning*
- Department of Education*
- Department of Land & Natural Resources
- DLNR, State Historic Preservation Division
- Hawaii Housing Finance & Development Corporation
- Department of Health – Office of Environmental Quality Control
- Department of Health – Environmental Health Administration*
- Department of Health – Wastewater Branch

City & County of Honolulu

- Board of Water Supply*
- Department of Community Services*
- Department of Design and Construction*
- Department of Environmental Services
- Department of Facility Maintenance
- Department of Parks and Recreation*
- Department of Transportation Services*
- Department of Planning and Permitting*
- Fire Department*
- Police Department*

Private Organizations & Individuals

- Councilmember Carol Fukunaga*
- Representative Scott Saiki
- Senator Brickwood Galuteria
- Mr. Larry Hurst, Chair, Ala Moana/Kaka'ako Neighborhood Board # 11
- Ms. Pamela Wood, resident*

Those agencies with a (*) provided comments, which have been incorporated into this EA. Agency/stakeholder comment and response letters are provided in Appendix F. Key issues from the pre-consultation process included sewer allocation, FAR, TOD policies, and complete streets implementation. These issues are included within the EA document.

8.2 Additional Consultation

Public Hearing Notice & Community Outreach

Public hearing notice for a Public Hearing at HCDA on November 6, 2013 on the 803 Waimanu Project was published in the Honolulu Star Advertiser on October 6, 2013.

- Public Notified of Project and Public Hearings:
- The President of the Senate
- The Speaker of the House of Representatives
- Association of apartment owners of residential buildings adjacent to the Project
- Surrounding landowners and businesses
- The Ala Moana/Kaka'ako Neighborhood Board No. 11
- The Kaka'ako Improvement Association
- Various elected officials, State and County
- Approximately 321 individuals and organizations that have shown interest in development in Kaka'ako in the past.

Supplemental Comment Sessions were held at HCDA on:

- November 16, 2013
- November 19, 2013
- December 14, 2013

- December 17, 2013.

The 803 Waimanu Project was presented at the October 22, 2013 Ala Moana/Kaka'ako Neighborhood Board No. 11 Meeting. Below is a summary of the presentation to the Neighborhood Board:

Pacific Atelier International presented the revised 803 Waimanu proposal. The P~~p~~roject would be on 20,000 square feet with a 65 feet height limit. There would be little traffic. The parking structure would be one-story high for reserved housing of 153 units with 93 parking spaces. The proposal complies with the development standards, which calls for 20% workforce housing. The presentation also mentioned that residents could walk to downtown or to Ala Moana Center. According to the Neighborhood Board meeting minutes, there was no motion and vote at this meeting.

State and County Agency Consultation

The 803 Waimanu Development Permit application (KAK 13-091) was provided to the following Agencies on September 24, 2013 for review and comment:

State of Hawai'i

- State Historic Preservation Division (SHPD), DLNR
- Department of Education
- Department of Transportation, Airports Division

City and County of Honolulu (City)

- Department of Transportation Services
- Department of Planning and Permitting
- Department of Environmental Services
- Honolulu Board of Water Supply

8.3 Comments to the Draft Environmental Assessment

The following agencies, organizations, and individuals were provided copies of the Draft EA and/or commented on the Draft EA. Those marked with a (*) provided comments. Appendix I contains all comment letters received and responses.

State of Hawaii

- Department of Education
- Department of Land & Natural Resources – Land Division *
- Hawaii Housing Finance & Development Corporation
- Department of Health – Environmental Planning Office *
- Disability and Communication Access Board *
- Department of Business, Economic Development & Tourism
- Department of Business, Economic Development & Tourism - Office of Planning*
- Department of Business, Economic Development & Tourism - Hawaii Community Development Authority*
- Department of Land & Natural Resources - State Historic Preservation Division*

City & County of Honolulu

- Board of Water Supply
- Department of Community Services*
- Department of Design and Construction*
- Department of Environmental Services
- Department of Facility Maintenance *
- Department of Parks and Recreation
- Department of Transportation Services *
- Department of Planning and Permitting *
- DPP – Traffic Review Branch
- Fire Department *
- Police Department *
- Department of Emergency Management*
- Honolulu Authority for Rapid Transit*

State Public and Regional Libraries

- Makiki Public Library
- Hawaii State Library - Hawaii Documents Center

- Hawaii State Library - Kaimuki Regional Library
- Hawaii State Library - Kaneohe Regional Library
- Hawaii State Library - Pearl City Regional Library
- Hawaii State Library - Hawaii Kai Regional Library
- Hawaii State Library - Hilo Regional Library
- Hawaii State Library - Kahului Regional Library
- Hawaii State Library - Lihue Regional Library

Private Organizations & Individuals

- State Senator Brickwood Galuteria
- State Representative Scott Saiki
- Councilmember Carol Fukunaga*
- Larry Hurst, Ala Moana/Kakaako NB No. 11
- Pamela Wood*
- Hawaiian Electric Company*
- Hawaii Construction Alliance*
- Pacific Resource Partnership*

Letter of Support

- Blue Planet Foundation

9.0 REFERENCES

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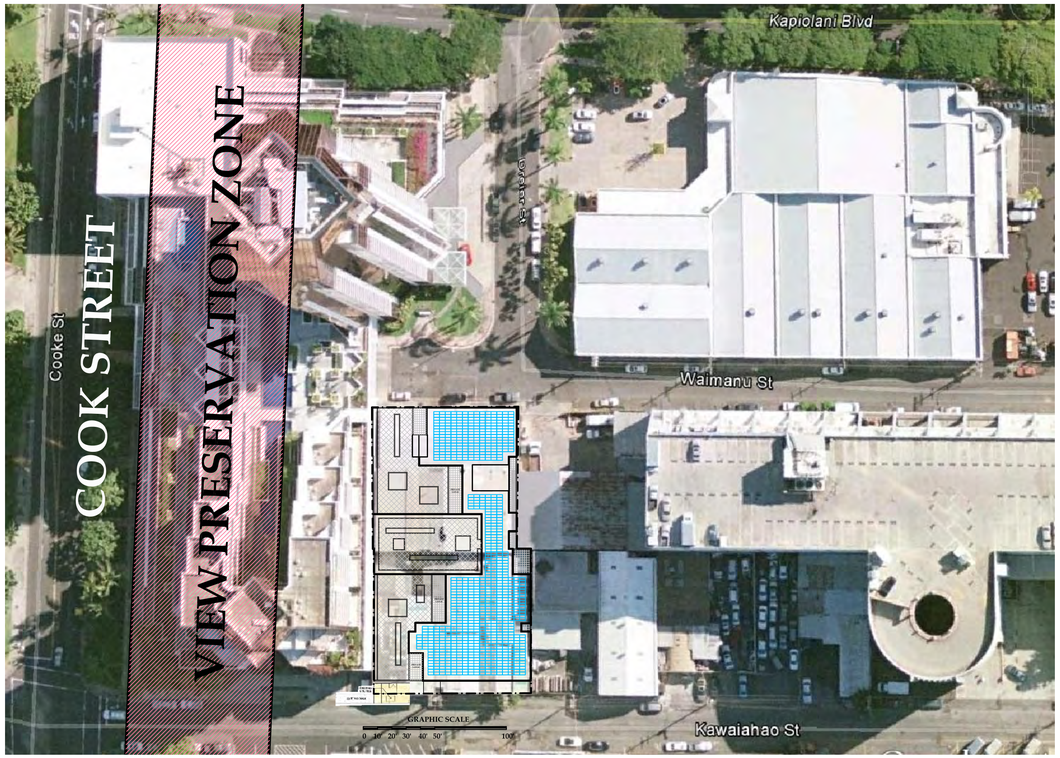
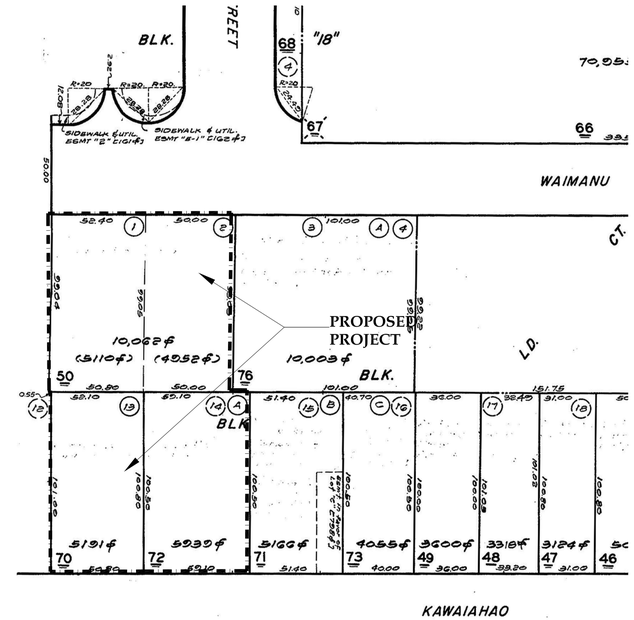
Appendix A

Architectural Plans



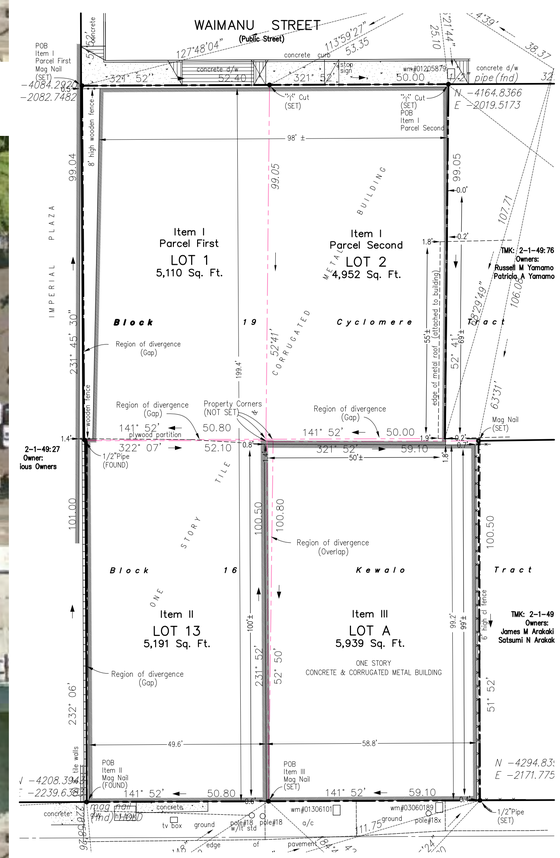
AERIAL VIEW (PROPOSED)

AERIAL VIEW (EXISTING)



LOCATION MAP

SCALE: 1'-0" = 40'-0"



SURVEY (EXISTING)

SCALE: 1" = 20'-0"

803 WAIMANU

PROPOSED HOUSING PROJECT

LIST OF DRAWING:

DWG. #	SHEET TITLE
A-1.0:	AERIAL VIEWS, LOCATION MAP & SURVEY
A-1.1:	SITE PLAN & PROJECT DATA
A-1.2:	DIAGRAMATIC PLANS & SCHEMATIC SECTION
A-2.1:	P1 & R1 FLOOR PLANS
A-2.2:	R1.5 FLOOR PLANS
A-2.3:	R2, R3 & R4 FLOOR PLANS
A-2.4:	R56 & R6 FLOOR PLANS
A-2.5:	R7 FLOOR PLANS
A-3.1:	RESIDENTIAL DIAGRAMS & CALCULATIONS FLOOR PLATE DIAGRAMS
A-3.2:	RESIDENTIAL UNIT PLANS
A-3.3:	RESIDENTIAL UNIT PLANS
A-4.1:	EXTERIOR ELEVATIONS
A-4.2:	EXTERIOR ELEVATIONS
A-4.3:	EXTERIOR ELEVATIONS BUILDING SECTION
A-5.1:	3D VIEWS
L-1.1:	LANDSCAPE PLAN

REVISION

ISSUE: *DATE:*

PROJECT:

803 WAIMANU

OWNER:

MJF DEVELOPMENT

PACIFIC ATELIER

INTERNATIONAL, LLC

ARCHITECTURE

INTERIORS + PLANNING

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tel. 808.533.3688

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Written dimensions on these drawings shall have precedence over scaled dimensions– Contractor shall verify and be responsible for all dimensions and conditions on the job– Ommissions or errors on the drawings shall be immediately reported in writing to the architect, and affected work shall not proceed until certified by the architect– Shop details must be submitted to this office for approval before proceeding with fabrication.

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MAUKA

N

EWA DH

MAKAI

GRAPHIC SCALE

0' 20' 30' 40'

SHEET TITLE:

AERIAL VIEWS
LOCATION MAP &
SURVEY

SHEET NUMBER:

A-1.0

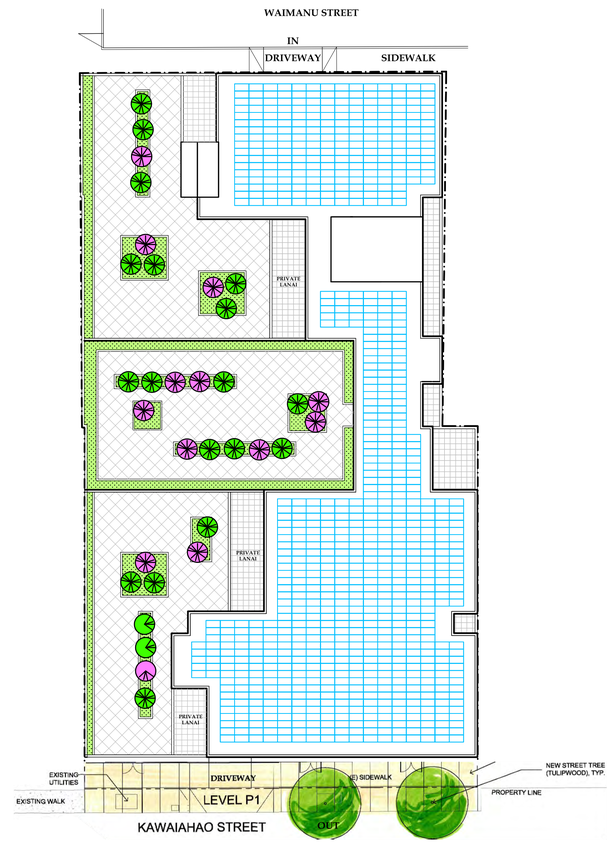
OF

DATE:

August 1, 2013

REVISED: October 25, 2013

PROJECT DATA	ALLOWABLE/ REQUIRED	PROVIDED/ PROPOSED	AREA CALCULATIONS & NOTES
TMK: 2-1-049: 50, 70 & 72 LOT AREA: 21,192 SF FAR: 3.5 RESIDENTIAL FLOOR AREA (3.5 MAX.):	74,172 SF	71,012 SF*	LEVEL / FLOOR AREA / RH AREA R1 & R1.5: 9,328 SF (5,604 + 3,724) / 2,615 SF (1,399 + 1,216) R2, R3 & R4 : 37,345 SF (12,449 + 12,448 + 12,448) / 10,466 SF (3,488 + 3,489 + 3,489) R5 & R6: 14,830 SF (7,415 + 7,415) / 4,274 SF (2,137 + 2,137) R6: 9,032 SF / 520 SF R7: 477 SF / 119 SF ROOF: 71,012 SF / 17,994 SF
RESERVED HOUSING (RH) AREA (20%):	AT LEAST 17,801 SF	17,994 SF	RESERVED HOUSING BONUS FLOOR AREA FOR PLANS & CALCS SEE DWG. A-3.1
RESIDENTIAL UNITS:		153	129 MARKET + 24 RH UNITS
OPEN SPACE (15% OF LOT - 40' MIN. DIM.):	3,179 SF	8,477 SF	R2 (3,148) + R5 (2,953 + 2,376)
PUBLIC FACILITIES DEDICATION (4%)*	2,840 SF*	866 SF	
RECREATION SPACE (55 SF/UNIT):	8,415 SF (153 x 55 SF)	8,477 SF	R2 (3,148) + R3 (2,953 + 2,376)
FLOOR PLATE: R2, R3 & R4: (100%)	20,229 SF	20,229 SF	R2 (20,229); R3 (16,418); R4 (16,418)
FLOOR PLATE: R5, R6 & R7: (60% AVERAGE)	12,137 SF	12,136 SF	[R5 (16,418) + R6 (10,029) + R7(9,962)] / 3
	MARKET UNITS: NS	67	SEE PLANS DWG. A-2.1, A-2.2 & CALCS A-2.3
PARKING STALLS (1/ RH UNIT)	RH UNITS : 24	24	12 STANDARD + 12 COMPACT
LOADING 12' x 35'	1	1	SEE P1 PLAN DWG. A-2.1
HEIGHT	65'-0"	65'-0"	EXCLUSIVE OF 18'-0" ELEVATOR MECH. RM.
TYPE OF CONSTRUCTION		IA	



SITE PLAN

SCALE: 1" = 20'-0"

REVISION

ISSUE: *DATE:*

PROJECT:

803 WAIMANU

OWNER:

MJF DEVELOPMENT

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INTERNATIONAL, LLC

ARCHITECTURE

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MAUKA

N

EWA DH

MAKAI

GRAPHIC SCALE

0' 20' 30' 40'

SHEET TITLE:

SITE PLAN & PROJECT DATA

SHEET NUMBER:

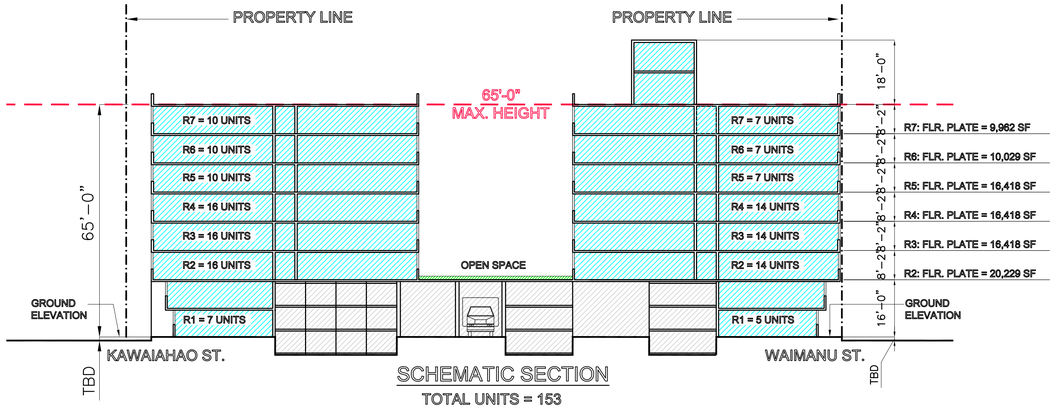
A-1.1

OF

DATE:

August 1, 2013

REVISED: October 25, 2013



SCHEMATIC SECTION

TOTAL UNITS = 153
TOTAL PARKING= 91+ (51 S + 40 C) + 1 HC VAN
TOTAL LOADING = 1 (12' x 35' X 14')

PROJECT DATA
RESIDENTIAL FLOOR AREA
RESERVED HOUSING (RH) AREA (
OPEN SPACE (15% OF LOT - 40' MIN. DIM.):
PUBLIC FACILITIES DEDICATION (4%)*
RECREATION SPACE (55 SF/UNIT): FLOOR PLATE: R2, R3 & R4: (100%) FLOOR PLATE: R5, R6 & R7: (60% AVERAGE)
PARKING STALLS (1/ RH UNIT)

REVISION

ISSUE: DATE:

PROJECT:
803 WAIMANU

OWNER:
MJF DEVELOPMENT

PACIFIC ATELIER
INTERNATIONAL, LLC

ARCHITECTURE
INTERIORS + PLANNING

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Honolulu, Hawaii 96813
tel. 808.533.3688

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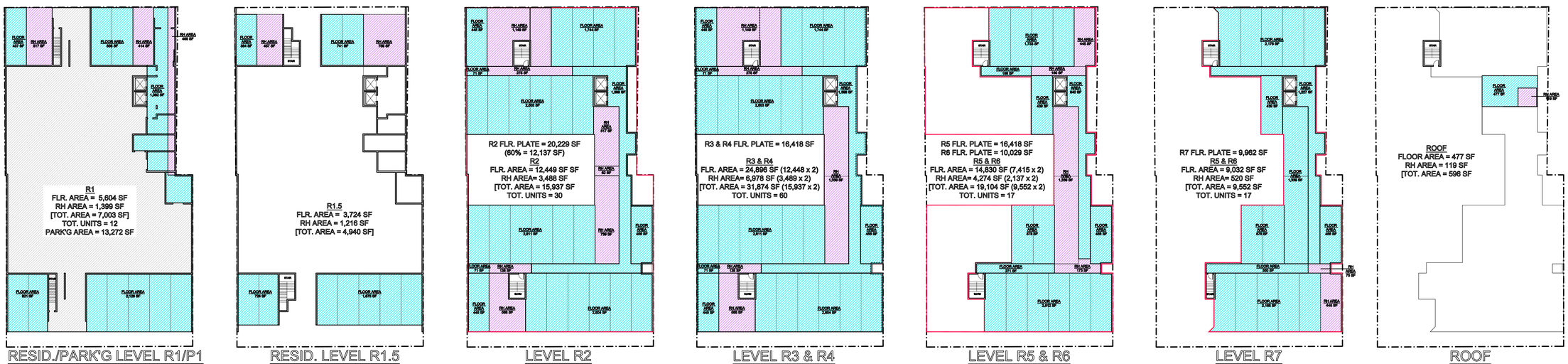

RESID./PARK'G LEVEL R1/P1 | RESID. LEVEL R1.5 | LEVEL R2 | LEVEL R3 & R4 | LEVEL R5 & R6 | LEVEL R7 | ROOF

FLOOR AREA & FLOOR PLATE DIAGRAMS

RESID./PARK'G LEVEL R1 | RESID. LEVEL R1.5 | LEVEL R2 | LEVEL R3 & R4 | LEVEL R5 & R6 | LEVEL R7 | ROOF

UNITS = 12 (LOFTS)
PARKING= 91 + 1 HC VAN

UNITS = 30

UNITS = 60 (30 X 2)

UNITS = 34 (17 x 2)

UNITS = 17

OPEN SPACE, RECREATION SPACE & PUBLIC FACILITIES DEDICATIONDIAGRAMS

MAUKA
N
EWA DH
MAKAI

GRAPHIC SCALE
0' 30' 60' 90'

SHEET TITLE:
PROJECT DATA
DIAGRAMATIC
PLANS &
SCHEMATIC SECTION

SHEET NUMBER:
A-1.2

OF

DATE:
August 1, 2013
REVISED: October 25, 2013

P1 / R1 FLOOR PLAN & SITE PLAN

SCALE: 1/8"= 1'-0"

REVISION

ISSUE: *DATE:*

PROJECT:
803 WAIMANU

OWNER:
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EWA
N
MAKAI MAUKA
DH

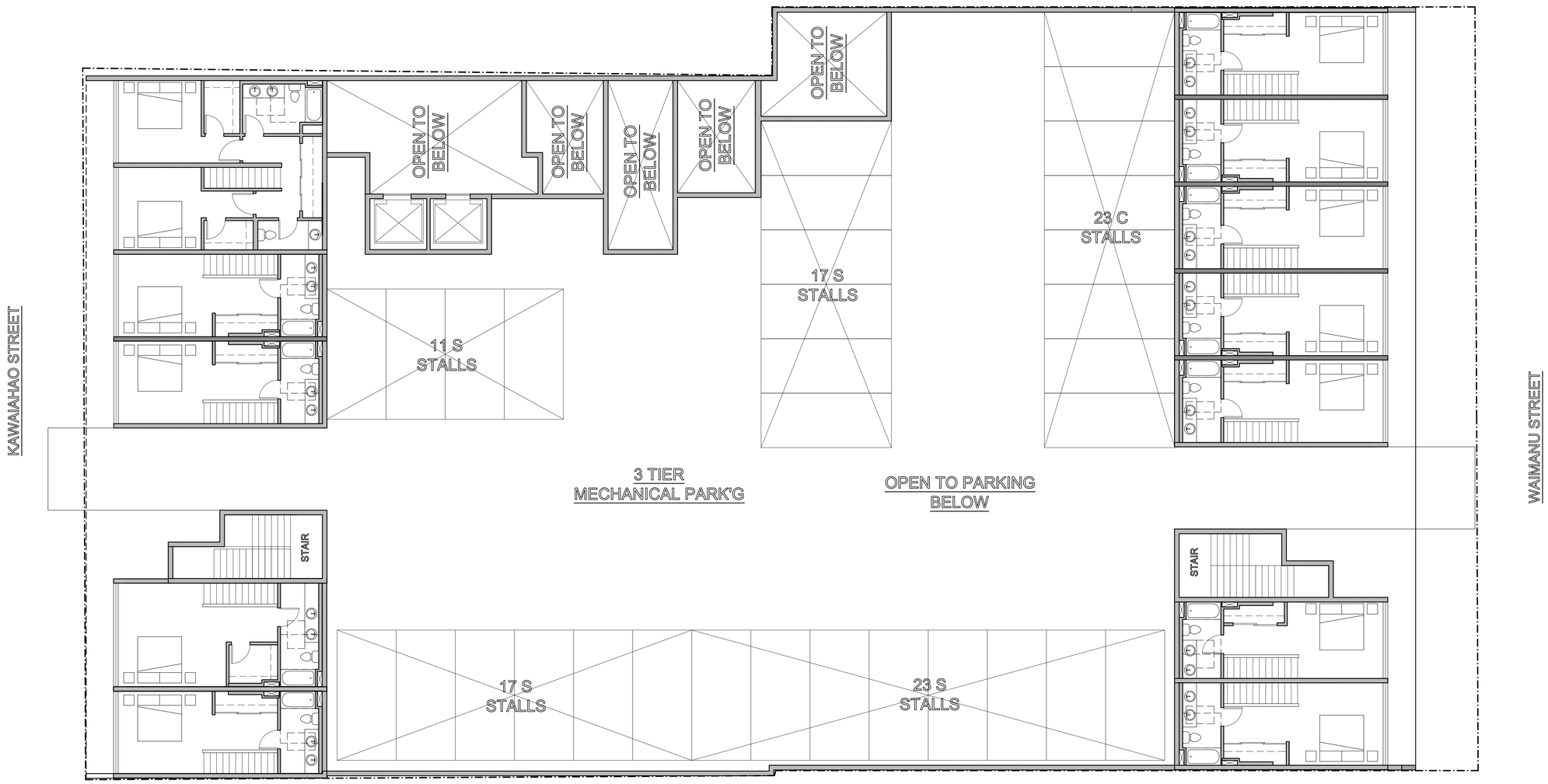
GRAPHIC SCALE
0' 8' 16' 24'

SHEET TITLE:
P1 / R1
FLOOR PLAN

SHEET NUMBER:
A-2.1

OF

DATE:
August 1, 2013
REVISED: October 25, 2013



R1.5 FLOOR PLAN & SITE PLAN

SCALE: 1/8"= 1'-0"

REVISION

ISSUE: *DATE:*

PROJECT:

803 WAIMANU

OWNER:

MJF DEVELOPMENT

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EWA

MAKAI N MAUKA

DH

GRAPHIC SCALE

0' 8' 16' 24'

SHEET TITLE:

R1.5
FLOOR PLAN

SHEET NUMBER:

A-2.2

OF

DATE:

August 1, 2013

REVISED: October 25, 2013

R2, R3 & R4 FLOOR PLAN & SITE PLAN

SCALE: 1/8"= 1'-0"

REVISION

ISSUE: *DATE:*

PROJECT:

803 WAIMANU

OWNER:

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EWA

MAKAI N MAUKA

DH

GRAPHIC SCALE

0' 8' 16' 24'

SHEET TITLE:

R2, R3 & R4
FLOOR PLAN

SHEET NUMBER:

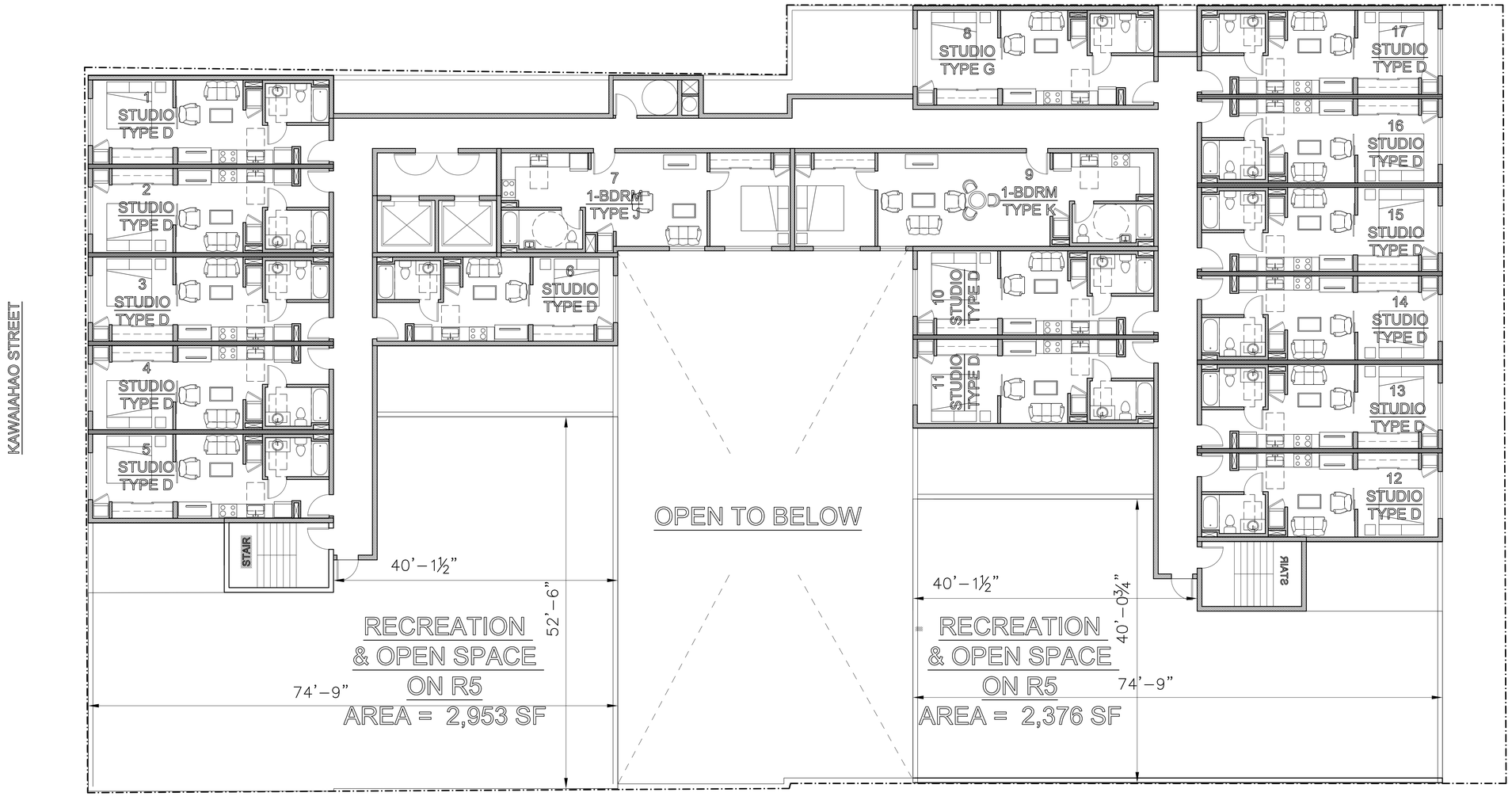
A-2.3

OF

DATE:

August 1, 2013

REVISED: October 25, 2013



R5 & R6 FLOOR PLAN & SITE PLAN

SCALE: 1/8"= 1'-0"

REVISION

ISSUE: DATE:

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EWA
N
MAKAI MAUKA
DH

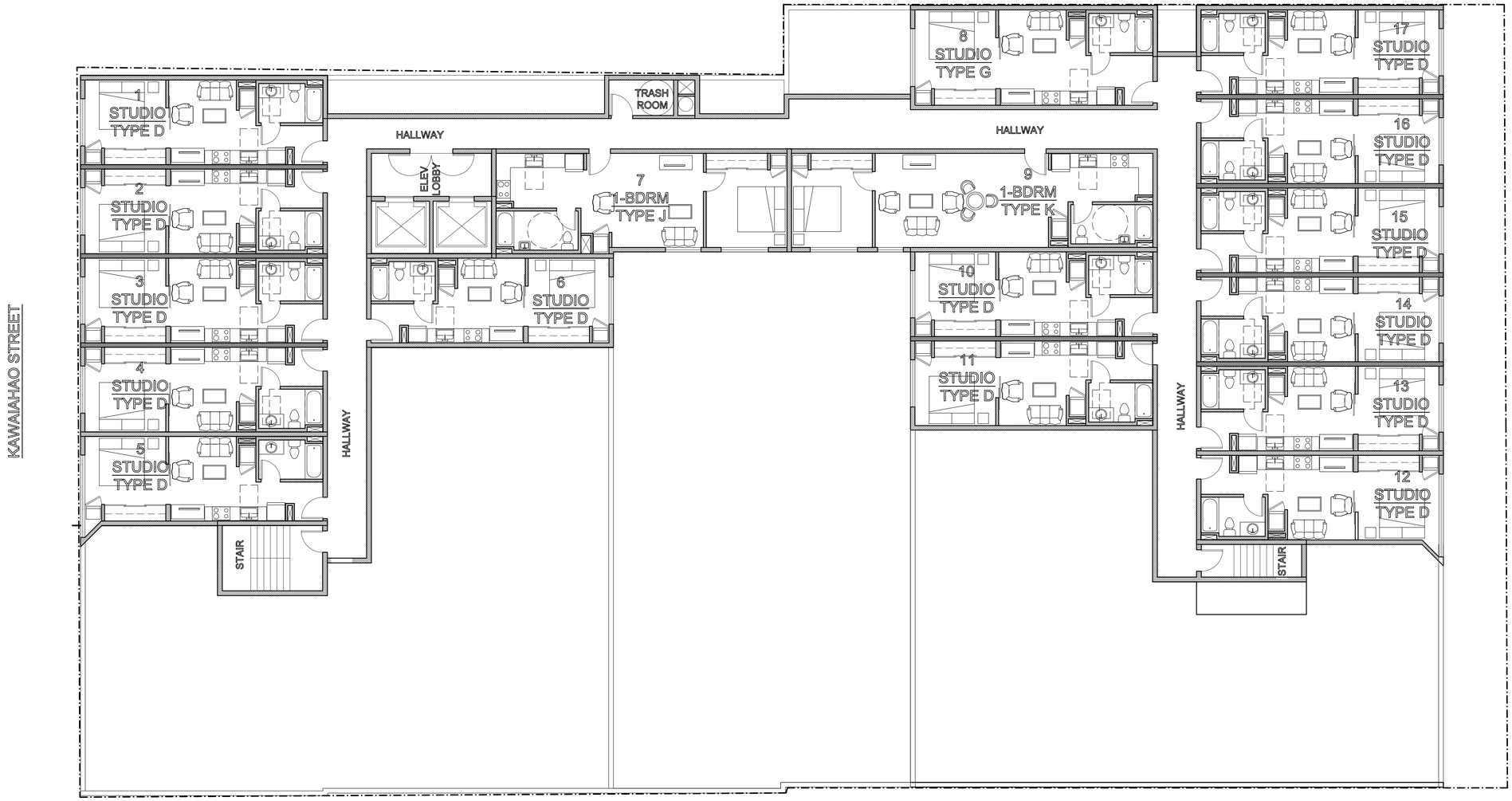
GRAPHIC SCALE
0' 8' 16' 24'

SHEET TITLE:
R5 & R6
FLOOR PLAN

SHEET NUMBER:
A-2.4

OF

DATE:
August 1, 2013
REVISED: October 25, 2013



R7 FLOOR PLAN & SITE PLAN

SCALE: 1/8"= 1'-0"

REVISION

ISSUE: DATE:

PROJECT:

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EWA

MAKAI N MAUKA

DH

GRAPHIC SCALE

0' 8' 16' 24'

SHEET TITLE:

R7
FLOOR PLAN

SHEET NUMBER:

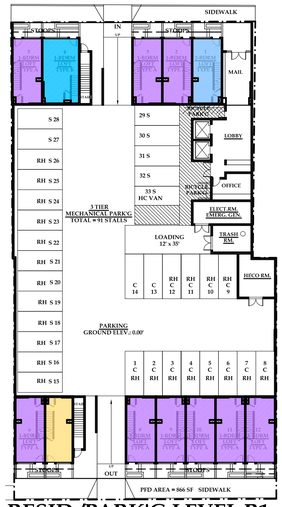
A-2.5

OF

DATE:

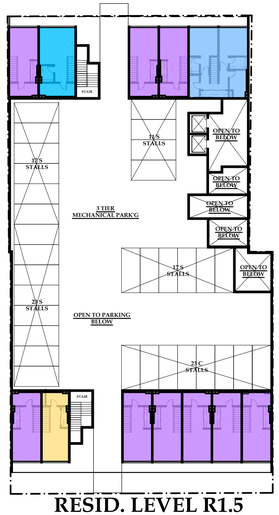
August 1, 2013

REVISED: October 25, 2013

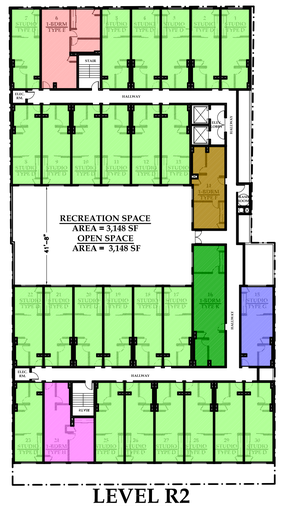


RESID./PARK'G LEVEL R1

UNITS = 12 (LOFTS)
PARKING= 91 + 1 HC VAN

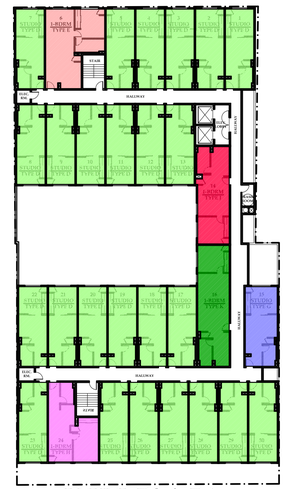


RESID. LEVEL R1.5



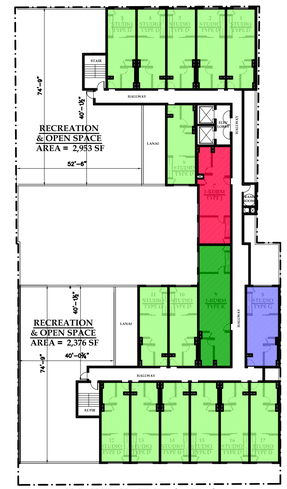
LEVEL R2

UNITS = 30



LEVEL R3 & R4

UNITS = 60 (30 X 2)

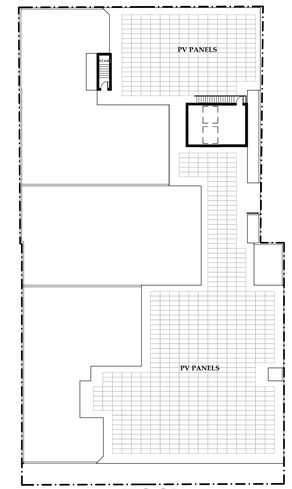


LEVEL R5 & R6

UNITS = 34 (17 x 2)

LEVEL R7

UNITS = 17

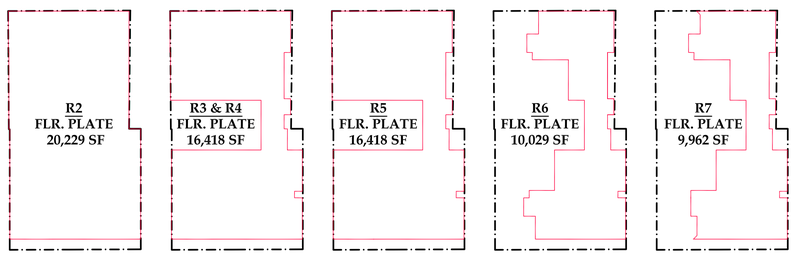


ROOF

NOTE: FOR UNITS PLANS REFER TO DWG. A-3.2 & A-3.3

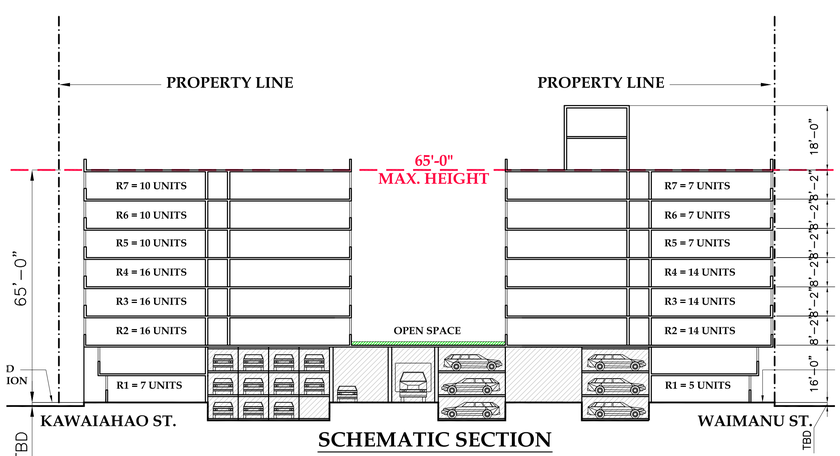
RESIDENTIAL FLOOR DIAGRAMS

SCALE: 1"= 30'-0"



FLOOR PLATE DIAGRAMS

SCALE: 1"= 60'-0"



SCHEMATIC SECTION

TOTAL UNITS = 153
TOTAL PARKING= 91+ (51 S + 40 C) + 1 HC VAN
TOTAL LOADING = 1 (12' x 35' X 14')

RESIDENTIAL SELLABLE AREA, FLOOR AREA, UNITS TABULATIONS, PARKING AREA & PARKING CALCULATIONS

Date: September 16, 2013

Unit Type		A 1-Bdrm	B 1-Bdrm	C 1-Bdrm	D Studio	E 1-Bdrm	F 1-BDRM	G STUDIO	H 1-Bdrm	J 1-Bdrm	K 1-Bdrm	L 2-Bdrm	TOTAL SELLABLE AREA (SF)	FLOOR AREA (SF)	RH AREA (SF)	TOTAL AREA (SF)	GROSS AREA (SF) INCLUDING CIRC.
Sellable Area (SF)		650	784	570	384	666	453	434	541	536	655	1,029					
Parking stalls per Unit (u.o.n.)																	
Residential Calculations	ROOF												0 0	477	119	596	758
	R7	0 0	0 0	0 0	14 5,376	0 0	0 0	1 434	0 0	1 536	1 655	0 0	17 7,001	9,032	520	9,552	9,962
	R6	0 0	0 0	0 0	14 5,376	0 0	0 0	1 434	0 0	1 536	1 655	0 0	17 7,001	7,415	2,137	9,552	10,029
	R5	0 0	0 0	0 0	14 5,376	0 0	0 0	1 434	0 0	1 536	1 655	0 0	17 7,001	7,415	2,137	9,552	10,029
	R4	0 0	0 0	0 0	25 9,600	1 666	0 0	1 434	1 541	1 536	1 655	0 0	30 12,432	12,448	3,489	15,937	16,669
	R3	0 0	0 0	0 0	25 9,600	1 666	0 0	1 434	1 541	1 536	1 655	0 0	30 12,432	12,448	3,489	15,937	16,418
	R2	0 0	0 0	0 0	25 9,600	1 666	1 453	1 434	1 541	0 0	1 655	0 0	30 12,349	12,449	3,488	15,937	16,418
	R1 & R1.5	9 5,850	1 784	1 570	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 1,029	12 8,233	9,328	2,615	11,943	12,319
Parking Calculations		STAND.	COMP.	TOTAL	Notes: 3 tiered mechanical parking					Parking Area							13,272
	P1	51	40	91	RH stalls = 24 (12 Standard & 12 Compact)					13,272							
	Total Parking	51	40	91	plus 1 accessible van					13,272							
Total Residential Units		9	1	1	117	3	1	6	3	5	6	1	153	71,012	17,994	89,006	105,874
Total Residential Sellable Area		5,850	784	570	44,928	1,998	453	2,604	1,623	2,680	3,930	1,029	66,449				
Market Units	Number of Units	9	0	1	111	0	0	6	0	1	1	0	129	Excluding Stairs & Elevators			Including Stairs & Elevators
	Sellable Area	5,850	0	570	42,624	0	0	2,604	0	536	655	0	52,839				
Reserved Housing	Number of Units	0	1	0	6	3	1	0	3	4	5	1	24				
	Sellable Area	0	784	0	2,304	1,998	453	0	1,623	2,144	3,275	1,029	13,610				
Unit Area (SF)		650	784	570	384	666	453	434	541	536	655	1,029					
RH Unit Type (Included above)		A 1-Bdrm	B 1-Bdrm	C 1-Bdrm	D Studio	E 1-Bdrm	F 1-BDRM	G STUDIO	H 1-Bdrm	J 1-Bdrm	K 1-Bdrm	L 2-Bdrm					

REVISION

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MAUKA
N
EWA DH
MAKAI

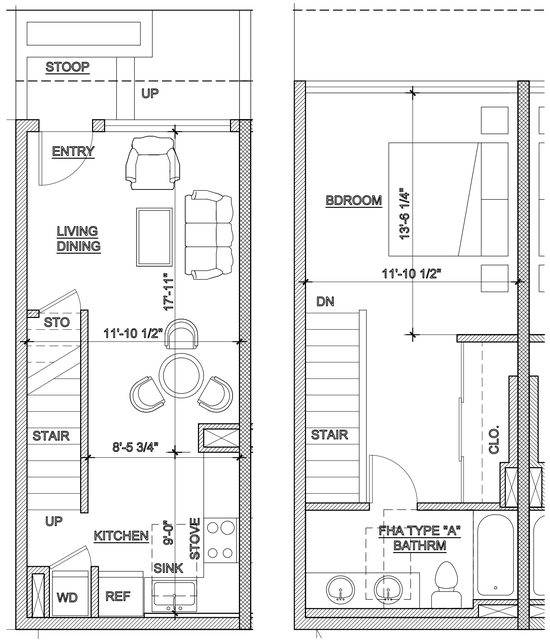
GRAPHIC SCALE
0' 30' 60' 90'

SHEET TITLE:
RESIDENTIAL DIAGRAMS & CALCULATIONS

SHEET NUMBER:
A-3.1

OF

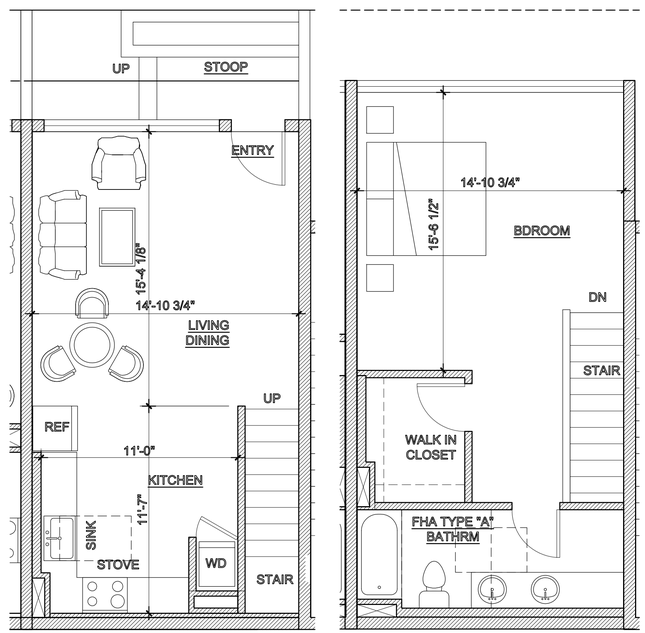
DATE:
August 1, 2013
REVISED: October 25, 2013



LOWER LEVEL

UPPER LEVEL

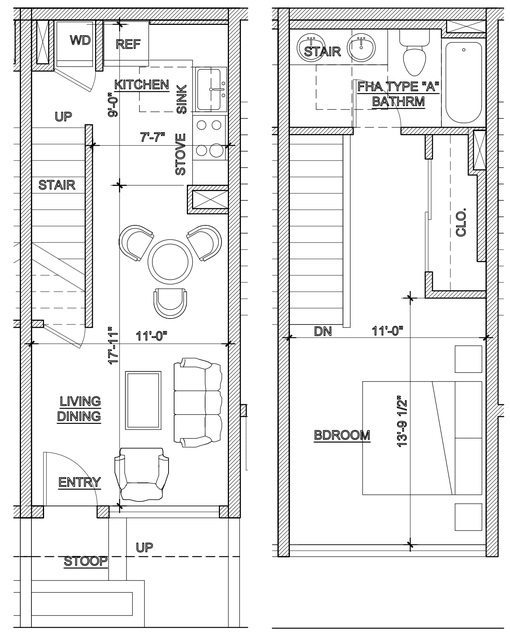
TYPE A
1-BDRM LOFT
AREA: 650 SF



LOWER LEVEL

UPPER LEVEL

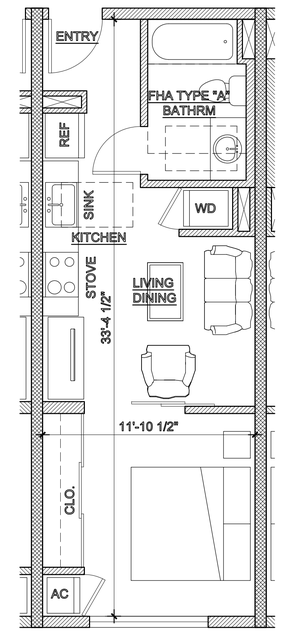
TYPE B
1-BDRM LOFT
AREA: 784 SF



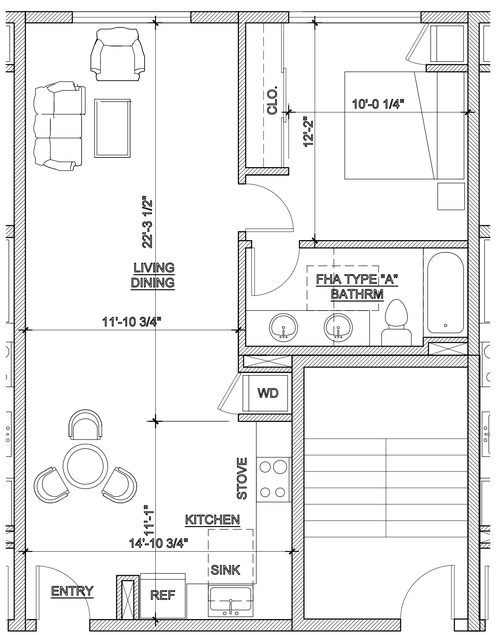
LOWER LEVEL

UPPER LEVEL

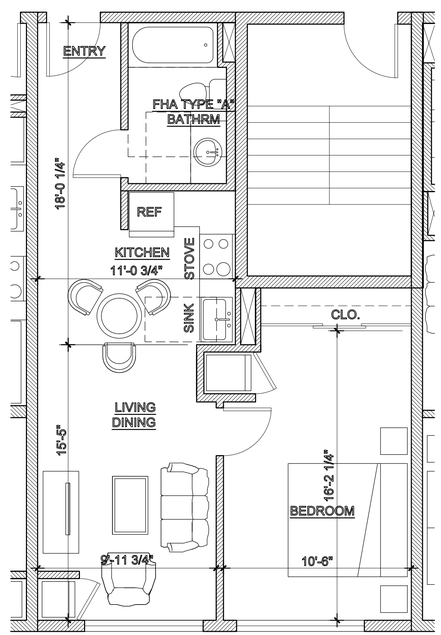
TYPE C
1-BDRM LOFT
AREA: 570 SF



TYPE D
STUDIO
AREA: 384 SF



TYPE E
1-BDRM
AREA: 666 SF



TYPE H
1-BDRM
AREA: 541 SF

UNITS FLOOR PLANS
SCALE: 1/4"= 1'-0"

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MAUKA
N
EWA DH
MAKAI

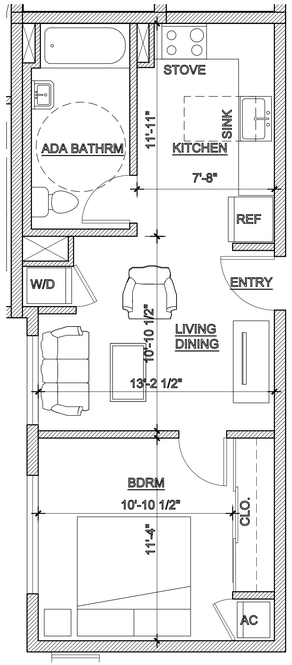
GRAPHIC SCALE
0' 4' 8' 12'

SHEET TITLE:
RESID. UNITS
FLOOR PLANS

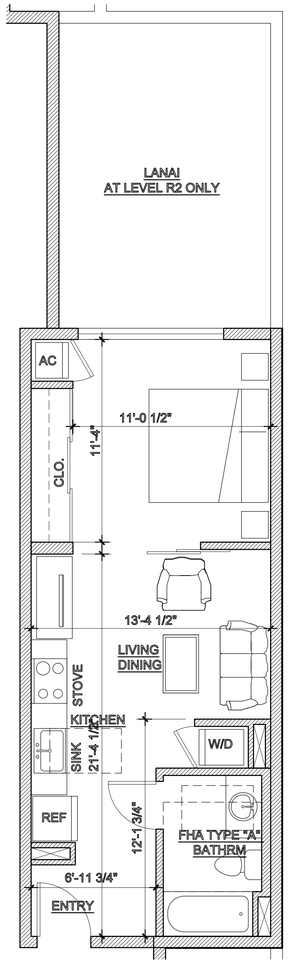
SHEET NUMBER:
A-3.2

OF

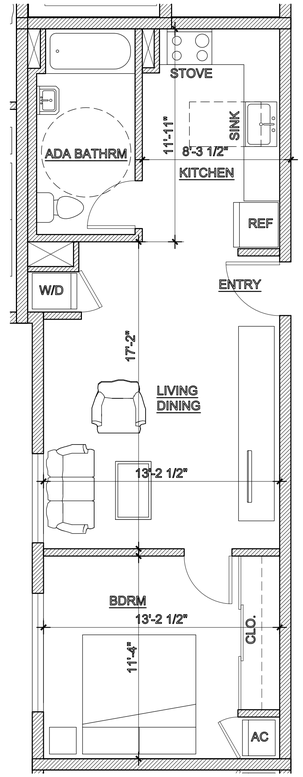
DATE:
August 1, 2013
REVISED: October 25, 2013



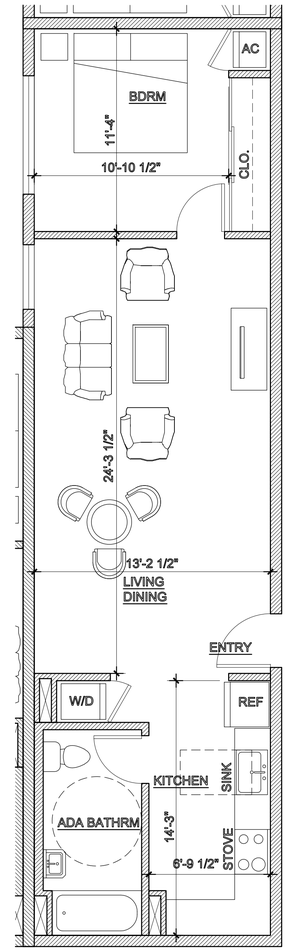
TYPE F
1-BDRM
AREA: 453 SF



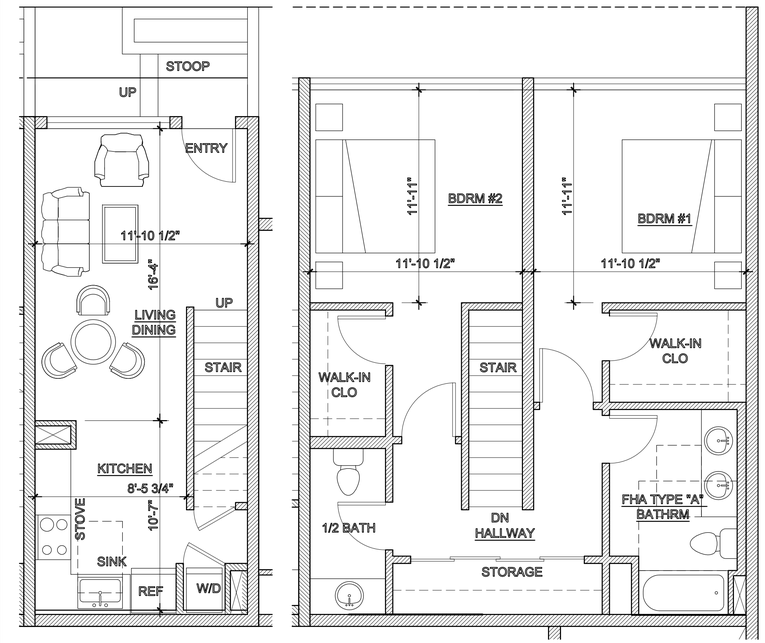
TYPE G
STUDIO
AREA: 434 SF



TYPE J
1-BDRM
AREA: 536 SF



TYPE K
1-BDRM
AREA: 655 SF



TYPE L
2-BDRM
AREA: 1,029 SF

UNITS FLOOR PLANS
SCALE: 1/4"= 1'-0"

REVISION
ISSUE: DATE:

PROJECT:
803 WAIMANU

OWNER:
MJF DEVELOPMENT

PACIFIC ATELIER
INTERNATIONAL, LLC

ARCHITECTURE
INTERIORS + PLANNING

810 Richards Street, Suite 350
Honolulu, Hawaii 96813
tel. 808.533.3688

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MAUKA
N
EWA DH
MAKAI

GRAPHIC SCALE
0' 4' 8' 12'

SHEET TITLE:
RESID. UNITS
FLOOR PLANS

SHEET NUMBER:
A-3.3

OF

DATE:
August 1, 2013
REVISED: October 25, 2013

MAKAI ELEVATION

SCALE: 1/4"= 1'-0"

TYPICAL NOTES:

1) ALL BDRM WIDOWS TO BE OPENABLED PER HONOLULU HOUSING CODE SEC. 27-4.4
2) ALL GLAZING SHALL BE TRANSPARENT OR WITH LIMITED UV TINT.
3) VISIBLE LIGHT TRANSMISSION LEVEL SHALL BE > 50%

REVISION

ISSUE: DATE:

PROJECT:

803 WAIMANU

OWNER:

MJF DEVELOPMENT

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MAUKA

N

EWA DH

MAKAI

GRAPHIC SCALE

0' 4' 8' 12'

SHEET TITLE:

EXTERIOR ELEVATIONS

SHEET NUMBER:

A-4.1

OF

DATE:

August 1, 2013

REVISED: October 25, 2013

TYPICAL NOTES:

1) ALL BDRM WIDOWS TO BE OPENABLED PER HONOLULU HOUSING CODE SEC. 27-4.4
2) ALL GLAZING SHALL BE TRANSPARENT OR WITH LIMITED UV TINT.
3) VISIBLE LIGHT TRANSMISSION LEVEL SHALL BE > 50%

MAUKA ELEVATION

SCALE: 1/4"= 1'-0"

REVISION

ISSUE: DATE:

PROJECT:

803 WAIMANU

OWNER:

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MAUKA

N

EWA DH

MAKAI

GRAPHIC SCALE

0' 4' 8' 12'

SHEET TITLE:

EXTERIOR ELEVATIONS

SHEET NUMBER:

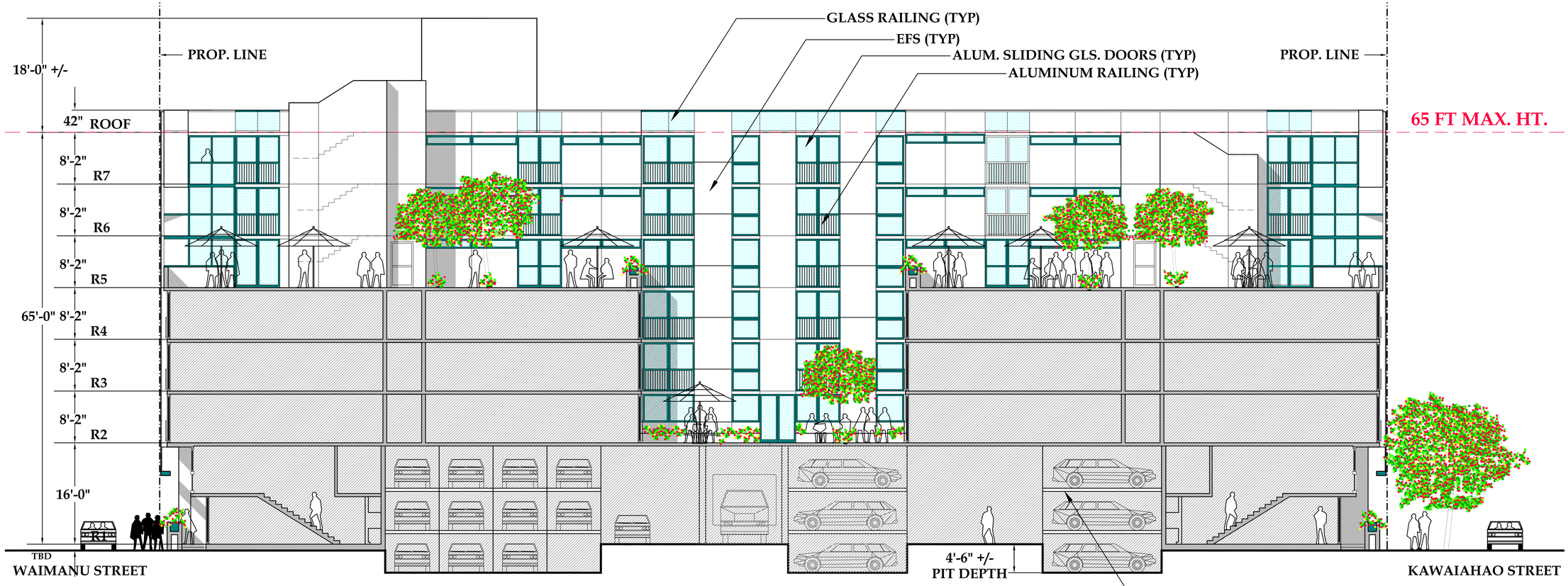
A-4.2

OF

DATE:

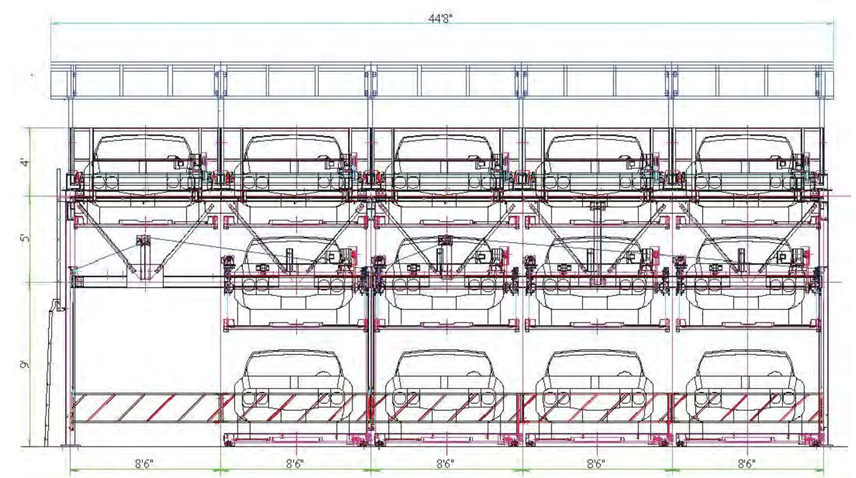
August 1, 2013

REVISED: October 25, 2013



EWA ELEVATION/SECTION

SCALE: 1/8"= 1'-0"



Thirteen-car system

UNATTENDED SEMI-AUTOMATED MECHANICAL PARKING SYSTEM

REVISION

ISSUE: DATE:

PROJECT:

803 WAIMANU

OWNER:

MJF DEVELOPMENT

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MAUKA

N
EWA DH

MAKAI

GRAPHIC SCALE

0' 4' 8' 12'

SHEET TITLE:

EXTERIOR ELEVATIONS BUILDING SECTION

SHEET NUMBER:

A-4.3

OF

DATE:

August 1, 2013

REVISED: October 25, 2013

3D VIEW LOOKING MAKAI
SCALE: NTS

3D VIEW LOOKING MAUKA
SCALE: NTS

REVISION

ISSUE: *DATE:*

PROJECT:

803 WAIMANU

OWNER:

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MAUKA

N

EWA **DH**

MAKAI

GRAPHIC SCALE

0' 4' 8' 12'

SHEET TITLE:

3D VEWS

SHEET NUMBER:

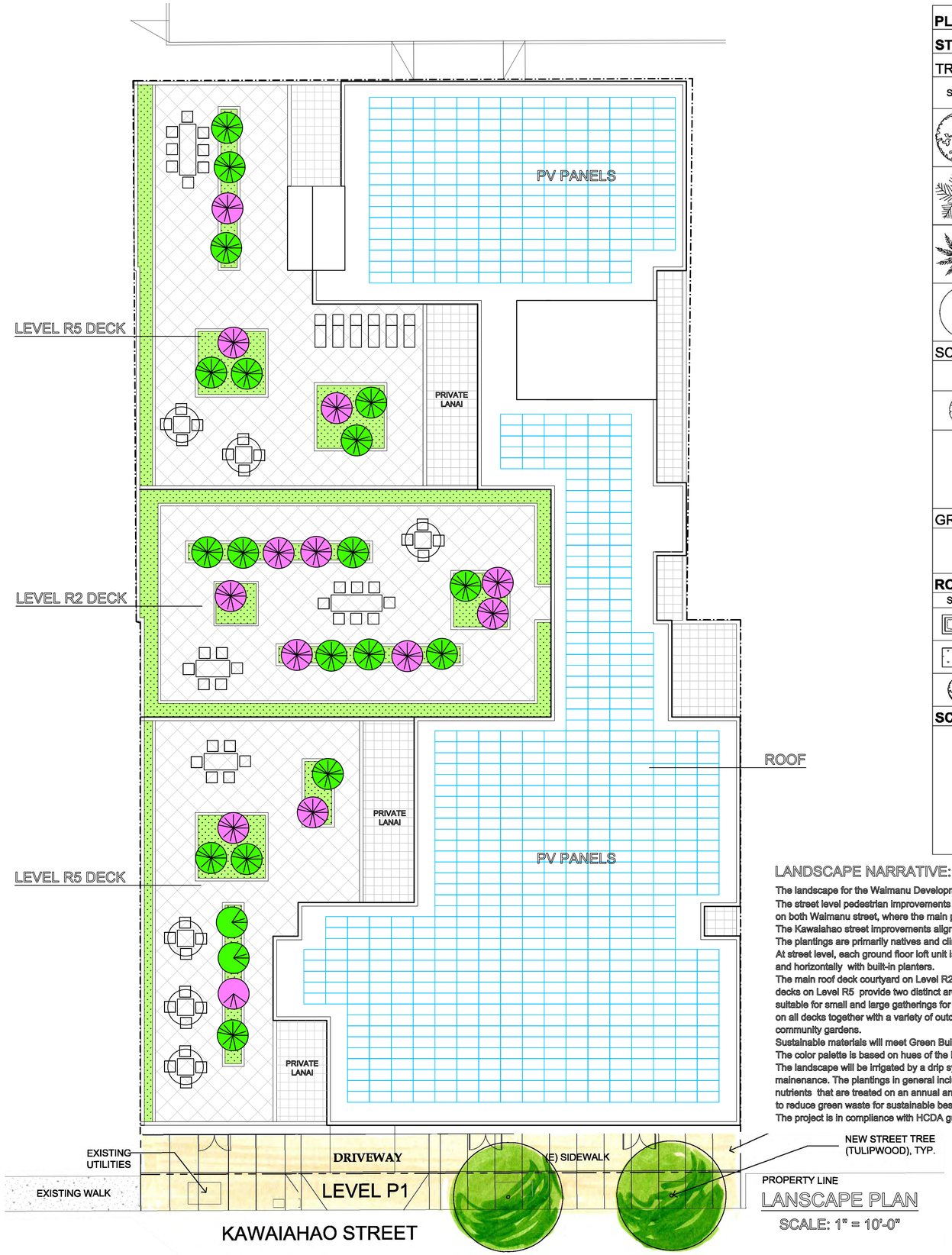
A-5.1

OF

DATE:

August 1, 2013

REVISED: October 25, 2013



LANSCAPE PLAN

SCALE: 1" = 10'-0"

PLANTS LEGEND

STREETSCAPE & ENTRY PLANTING

TREES & PALMS

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	NOTES / SPACING
	BAUHINIA BLAKEANA	HONG KONG ORCHID TREE	36" BOX	4	
	COCOS PLUMOSA	COCONUT PALM	16-24' TALL	3	NATIVE, 24' - (2); 22' - (1); 18' - (2); 16' - (1)
	PRITCHARDIA HILLEBRANDII	LOULU PALM	12'-16'	2	NATIVE
	HARPULLIA PENDULA	TULIPWOOD	24" BOX	2	AS SHOWN WITH 5'X5' TREE GRATES

SCREENING & ACCENT SHRUBS

	PITTOSPORUM SP.	HOAWA	15 GAL	11	NATIVE
	HELECONIA PSITTACORUM	PARROT'S BEAK HELECONIA	1 GAL	20	NATIVE
PA	AECHMEA BLANCHETIANA	ORANGE AECHMEA OR LEMON AECHMEA	5 GAL		NATIVE
	CORDYLINE FRUTICOSA 'PETER BUCK'	TI	5 GAL		NATIVE
	GARDENIA BRIGHAMII	NANU	5 GAL		NATIVE
	HIBISCUS ARNOTTIANUS	KOKIO KE'O KE'O	5 GAL		NATIVE

GROUNDCOVERS

PA	WIKSTROEMIA UVAOURSI	AKIA	1 GAL		NATIVE
	VITEX ROTUNDIFOLIA	POHINAHINA	1 GAL		NATIVE
	NEPHROLEPSIS CORDIFOLIA	KUPUKUPU FERN	1 GAL		NATIVE

ROOF DECK PLANTING

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QTY.	NOTES / SPACING
	COMMUNITY GARDEN				EDIBLE PLANTS IN 4" POTS OR FLATS, TBD
	LAWN				NATIVE GRASSES
	ZAMIA FURFURACEA	CARDBOARD PALM	15 GAL	10	PLANT IN POTS

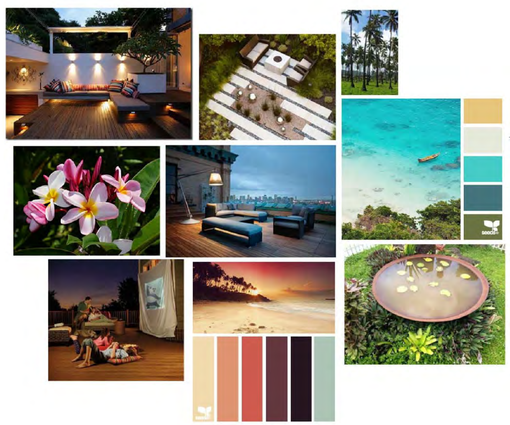
SCREENING & ACCENT SHRUBS

PA	AECHMEA BLANCHETIANA	ORANGE OR LEMON AECHMEA	5 GAL		ORANGE & LEMON
	BOUGAINVILLEA 'RASPBERRY ICE' & 'SAN DIEGO RED' OR 'PURPLE'	BOUGAINVILLEA	5 GAL		PLANT 4' OC IN PLANTERS
	CARISSA MACROCARPA PROSTRATA	PROSTRATE NATAL PLUM	1 GAL		PLANT 4' OC
	DIANELLA SP. VARIEGATED	DIANELLA	1 GAL		PLANT 3' OC
	NEPHROLEPIS CORDIFOLIA	KUPUKUPU FERN	1 GAL		NATIVE
	RHOEO SPATHACEA	OYSTER PLANT	1 GAL		PLANT 2' OC

LANDSCAPE NARRATIVE:

The landscape for the Waimanu Development presents a refined pacific modern style to the neighborhood.
The street level pedestrian improvements provide sidewalk connections to meet the surrounding context on both Waimanu street, where the main pedestrian entry is located and Kawaiahao street.
The Kawaiahao street improvements align with the existing sidewalk to the west.
The plantings are primarily natives and climate responsive ornamentals suitable to the locale.
At street level, each ground floor loft unit is separated from the fronting street both vertically with stoops and horizontally with built-in planters.
The main roof deck courtyard on Level R2 provides a place of quite recreation and relaxation. The two decks on Level R5 provide two distinct areas facing sunrise and sunset for lounge and outdoor dining suitable for small and large gatherings for residents and their guests. Potted plants and planters are located on all decks together with a variety of outdoor furnishings. There will also be opportunities and areas for community gardens.
Sustainable materials will meet Green Building standards.
The color palette is based on hues of the Hawaiian culture and tropical landscape.
The landscape will be irrigated by a drip system with an automatic controller to reduce water use and mainenance. The plantings in general include sustainable practices such as organic compost and soil health nutrients that are treated on an annual and monthly basis, no toxic pesticides and recycling opportunities to reduce green waste for sustainable best management practices.
The project is in compliance with HCDA guidelines for the Mauka Area.

CONCEPTUAL IMAGES:



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PROJECT:
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MAUKA

N

EWA DH

MAKAI

GRAPHIC SCALE

0' 10' 20' 30'

SHEET TITLE:
LANDSCAPE PLAN

SHEET NUMBER:

L-1.1

OF

DATE:
August 1, 2013
REVISED: October 25, 2013

Appendix B

Market Study

NOVOGRADAC & COMPANY LLP®

CERTIFIED PUBLIC ACCOUNTANTS

A MARKET CONDITIONS AND PROJECT EVALUATION SUMMARY OF

WAIMANU DEVELOPMENT

Located At

803 WAIMANU STREET
HONOLULU, HONOLULU COUNTY, HAWAII

Effective Date: April 9, 2015
Report Date: April 14, 2015

Prepared For

Franco Mola
Managing Member
Eight Zero Three Waimanu, LLC
16601 Gothard Street, Suite F
Huntington Beach, CA 92647

Prepared By

Novogradac & Company LLP
6700 Antioch Road, Suite 450
Merriam, KS 66204
(913) 677-4600

NOVOGRADAC
& COMPANY LLP®
CERTIFIED PUBLIC ACCOUNTANTS

April 14, 2015

Franco Mola
Managing Member
Eight Zero Three Waimanu, LLC
16601 Gothard Street, Suite F
Huntington Beach, CA 92647

Re: Update Market Study of proposed Waimanu Development
Honolulu, Hawaii

Dear Mr. Mola:

At your request, Novogradac & Company LLP has performed a study of the condominium housing market in the Honolulu, Hawaii area.

The purpose of this market study is to assess the viability of Waimanu (Subject), a proposed 153-unit high-rise multifamily condominium development. The sponsor anticipates restricting 101 units to households earning 80, 100, 110, 120, 130, and 140 percent of the area median income (AMI) or below, as determined under the Hawaii Community Development Agency (HCDA) Reserved Housing and Hawaii Housing Finance and Development Corporation (HHFDC) Dwelling Unit Revolving Fund (DURF) programs. The remaining units will be unrestricted.

We previously completed a market study of the Subject in October 2013. We inspected the Subject property and the comparable properties on October 29, 2013. No re-inspection of the Subject or comparable properties was performed at the request of the client. However, we assume there have been no significant changes within the Subject's location. Market data was updated between April 2 to April 9, 2015. The latter date of April 9, 2015 shall be the effective date of the study.

The following report provides support for the findings of the study and outlines the sources of information and the methodologies used to arrive at these conclusions. The scope of this report meets the requirements of the HHFDC, including the following:

- Executive Summary
- Project Description
- Regional and Local Market Area Analysis
- Supply Analysis
- Demand Analysis
- Conclusions and Recommendations

The depth of discussion contained in the report is specific to the needs of the client as well as the requirements of HHFDC pursuant to the market study guidelines outlined in Appendix 1 of the 2014/2015 Qualified Allocation Plan. Given the nature of the Subject development, some deviations may be made from the HHFDC market study requirements, as these guidelines are targeted toward affordable rental development, as opposed to owner-occupied. Novogradac & Company LLP adheres to market study guidelines promulgated by the National Council of Housing Market Analysts (NCHMA). Note that HCDA does not have formal market study requirements. This report deviates from NCHMA market study guidelines in areas specified in HHFDC market study requirements, and therefore is not in compliance with NCHMA market study guidelines. The report and the conclusions are subject to the *Assumptions and Limiting Conditions* attached.

The ***Government Consulting and Valuation Advisory*** (GoVal) Group of Novogradac provides valuation services including housing needs assessments, appraisal services for market-rate and affordable housing properties, both for sale and rental, market studies, GIS and demographic analysis, feasibility analysis, and rent comparability studies throughout the country. The GoVal Group performs approximately 1,800 market studies and appraisals per year and in the past decade nearly 15,000 market studies and appraisals have been completed nationwide. These reports were completed for developers, lenders, syndicators, investors, or directly for state and local agencies. Reflecting this experience, the firm maintains client relationships with the leading multifamily housing sponsors in the industry.

Eight Zero Three Waimanu, LLC is the client in this engagement. We understand that they will use this document to assist in obtaining HHFDC and/or other financing, as well as internal investment decisions. Intended users are those transaction participants who are interested parties and have knowledge of the applicable HHFDC program. These could include local housing authorities, state allocating agencies, state lending authorities, as well as construction and permanent lenders. As our client, Eight Zero Three Waimanu, LLC owns this report and permission must be granted from them before another third party can use this document. We assume that by reading this report another third party has accepted the terms of the original engagement letter including scope of work and limitations of liability. We are prepared to modify this document to meet any specific needs of the potential users under a separate agreement.

K. David Adamescu inspected the Subject property. Additionally, Mr. Adamescu performed research and an analysis of the Subject properties and comparable market data incorporated in this report. Jimmy McCune provided assistance with the research.

Please do not hesitate to contact us if there are any questions regarding the report or if Novogradac & Company LLP can be of further assistance. It has been our pleasure to assist you with this project.

Respectfully submitted,
Novogradac & Company LLP

Rebecca S. Arthur, MAI
Partner

Rachel Barnes Denton
Principal

K. David Adamescu
Real Estate Analyst
David.Adamescu@novoco.com
614.934.1110

Jimmy McCune
Researcher

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ADDENDUM B ..... PHOTOGRAPHS
ADDENDUM C ..... QUALIFICATIONS OF CONSULTANTS
ADDENDUM D ..... MARKET ANALYST CERTIFICATE OF GOOD STANDING

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY

- The proposed Subject will consist of 153 for-sale condominium units within a single seven-story, mid-rise structure. The construction of the Subject is expected to begin in early 2016 with an estimated completion in 2017. The Subject site is located at 803 Waimanu Street in Honolulu, Honolulu County, Hawaii. The Subject will be part of the broader Kakaako redevelopment project that consists of a 600 acre mixed-use development that will include five housing developments that are currently under construction, six that were permitted in 2013, and six that are currently in the planning stage. These seventeen planned buildings will provide an additional 5,740 housing units within the area.

- The sponsor anticipates restricting 101 units restricted to households earning 80, 90, 100, 110, 120, 130, and 140 percent of the area median income (AMI) or below, as determined under the Hawaii Community Development Agency (HCDA) Reserved Housing and Hawaii Housing Finance and Development Corporation (HHFDC) Dwelling Unit Revolving Fund (DURF) programs. The remaining units will be unrestricted. The proposed unit mix is detailed as follows:

PROPOSED UNIT MIX

Unit Type	Program	Restriction	Number of Units	Unit Size (SF)
Studio	HHFDC	80%	62	384
Studio	HHFDC	100%	12	384
Studio	HHFDC	110%	3	434
Studio	HCDA	100%	6	384
1BR/1BA	HCDA	110%	1	453
1BR/1BA	HCDA	120%	4	536
1BR/1BA	HCDA	120%	3	541
1BR/1BA	HCDA	130%	5	655
1BR/1BA	HCDA	140%	3	666
1BR/1BA	HCDA	140%	1	784
2BR/1.5BA	HCDA	140%	1	1,029
Studio		Unrestricted	37	384
Studio		Unrestricted	3	434
1BR/1BA		Unrestricted	1	536
1BR/1BA		Unrestricted	1	570
1BR/1BA		Unrestricted	9	650
1BR/1BA		Unrestricted	1	655

- Total employment in the Honolulu MSA slightly increased from 2004 to 2006, but as a result of the national recession, the MSA experienced a 3.2 percent decrease in total employment in 2009. Although that 3.2 percent decrease amounted to the loss of over 13,000 jobs, this decrease was less than that of the decline in total employment experienced by the nation as a whole, which dropped by 3.8 percent. In 2010 and 2011 the MSA experienced an increase in total employment; however, the growth in total employment stagnated in 2012 but again rebounded in 2013 and 2014 year-to-date. The largest employment sectors in the PMA are accommodation/food services, retail trade, educational services, and healthcare/ social assistance. The large percentage of employment in the retail trade sector can be attributed to

Hawaii's large tourism industry. The large percentage of employment in public administration can be attributed to the Subject's close proximity to Hickam Air Force Base and Pearl Harbor Naval Station as well as all of the workers employed by the State of Hawaii, as Honolulu is the state capital. The local economy has suffered due to the national recession as it is heavily reliant on the tourism industry. However, based on the tourism statistics provided by the State of Hawaii Department of Business, Economic Development, and Tourism, the state has experienced a significant increase in the overall number of visitors and visitor spending over the previous two years. The fallout from the mortgage crisis has been moderate in the area. Overall, it appears as if the local economy has recovered from the national recession, and growth in recent years has been significant.

- The demographic data demonstrates that the PMA and MSA are forecast for a steady increase in population and households through 2019. The PMA is expected to gain 3,126 owner-occupied households households through 2019. The median household income in the PMA is higher than in the MSA and nation. The *Demand Analysis* section will demonstrate a sufficient amount of income-qualified households presently exist for the Subject's affordable and market-rate condominiums.

Condominium Housing Summary

- The majority of the in-unit amenities that will be offered at the Subject are offered at all of the comparables, with the exception of blinds, central a/c, and in-unit alarms. In contrast, the Subject will not offer walk-in closets, which are found at all but one of the comparables; full balconies/patios (Subject will offer 'French' balconies with sliding doors and ledge), which are found at 13 of the comparables; coat closets, which are found at five of the comparables; or ceiling fans, which are found at five of the comparable properties. Overall, we believe that the Subject's in-unit amenities will be competitive in the market.

- The majority of the common area amenities that will be offered at the Subject are offered at all of the comparables, except for recreation areas, which is not offered at nine of the comparables, a courtyard, which is not offered at five of the comparables, and a picnic area, which is not offered at three of the comparable. In contrast, the Subject will not offer a clubhouse/meeting room, which is offered at 13 of the comparables; a swimming pool, which is offered at 12 of the comparables; an exercise facility, which is offered at eight of the comparables; or a Jacuzzi, which is offered at seven of the comparables. Additionally, five of the comparables offer a business center, five offer a sauna/spa, three offer a theatre, and three offer a playground. Overall, we believe that the Subject's common area amenities will be competitive in the market.

- There will be 62 studio units set aside at 80 percent AMI that will not include parking. The remaining 91 units will all include one garage parking space with the purchase price. All of the comparables include free garage parking, with the exception of Allure Waikiki. Notably, all of the comparables offer all of their parking on-site and generally provide one to two spaces per unit. Additional parking spaces at many condominiums in the area are often sold and purchased through management companies or third party systems. According to brokers, real estate agents, and property managers, parking spaces can be bought or sold from between $20,000 to $80,000. Additionally, Lauren Robbin, Sales Agent with Heyer and

Associates, stated additional parking at Wiahonua costs $40,000. Although not common, Ms. Robbins explained that condominium units without parking would be marketable if priced low enough. All of the studio units without parking will target 80 percent AMI and will be among the lowest priced condominiums in the market. There is currently no available inventory at or below 80 percent AMI. As discussed later, the studio units without parking will be approximately $20,000 lower than the next highest studio units (those at 100 percent AMI that will have parking) and approximately $65,000 lower than comparable unrestricted studio units. As such, we believe that the Subject's studio units without garages will be marketable at the concluded achievable pricing.

- Condominium units within the PMA exhibit premium pricing by floor level and view. Generally, the price increases by floor and units facing Diamond Head achieve the highest premium, followed by units facing the ocean, units facing the mountains, and finally units facing Ewa, or toward the city or airport. View premiums are typically available in the market for high floors in high-rise design buildings but not for mid-rise design buildings. The Subject will offer a seven-story mid-rise design. Based on our evaluation of the Subject site location and building design, there is limited opportunity for view or floor premiums. Therefore, we do not believe view or floor premiums will be achievable at the Subject.

- We were able to obtain pre-sale absorption data from eight comparables, ranging from eight to 137 units per month, with an average of 70 units per month. Based upon the relatively fast pre-sales of yet-to-be-completed projects, we believe that the Subject will be able to pre-sell its 153 units in approximately three months, equating to a sales velocity of approximately 50 units per month.

- All of the comparable condominium units operate as a condominium owner's association and owners are assessed maintenance fees to cover the association's shared expenses. All of the maintenance fees of the comparable properties include water, sewer and trash for the residential units, and all utilities, operating expenses and insurance of common areas. Some of the comparable maintenance fees also include broadband internet and cable. These fees are commonly charged on a per-square-foot basis, and may also include a flat fee for membership dues. Due to the fact that maintenance fees vary based on level of service, operating expenses, building design, and utility consumption, comparisons are difficult. The comparables indicated maintenance fees ranging from $0.48 to $1.00 per square foot. We anticipate lower operating expenses due to the fact that the Subject offers fewer amenities and is significantly smaller. A property that is currently in pre-construction phase, 801 South Street, has indicated that maintenance fees will range from $0.48 to $0.51 per square foot. The property offers similar amenities compared with the Subject; therefore, we believe a maintenance fee of $0.50 per square foot is reasonable.

MAINTENANCE FEES

Unit Type	Unit Size (SF)	Maintenance Fee Per Square Foot	Monthly Maintenance Fee
Studio	384 - 434	$0.50	$192 to $217
1BR	453-784	$0.50	$227 to $392
2BR	1,029	$0.50	$515

- Upon completion, the Subject will offer an excellent quality product with competitive amenities. The primary strengths of the Subject will be its condition and walkable neighborhood. We anticipate the Subject's units will be well-accepted in the market. Overall, the downtown Honolulu condominium market is considered strong and the Subject should compete well. The concluded achieving pricing for the Subject's units are illustrated on the following table.

ACHIEVABLE FOR-SALE PRICING

Unit Type	Restriction*	Number of Units	Unit Size (SF)	Surveyed Min Price per SF	Surveyed Max Price per SF**	Surveyed Average Price per SF	Novoco Achievable Price per SF	Novoco Achievable Unit Price
Studio	80%	62	384	$399	$444	$421	$625	$240,000
Studio	100%	12	384	$659	$659	$659	$775	$297,600
Studio	110%	3	434	N/A	N/A	N/A	$775	$336,350
Studio	100%	6	384	N/A	N/A	N/A	$700	$268,800
1BR/1BA	110%	1	453	$659	$659	$659	$775	$351,075
1BR/1BA	120%	4	536	N/A	N/A	N/A	$700	$375,200
1BR/1BA	120%	3	541	N/A	N/A	N/A	$700	$378,700
1BR/1BA	130%	5	655	N/A	N/A	N/A	$625	$409,375
1BR/1BA	140%	3	666	N/A	N/A	N/A	$675	$449,550
1BR/1BA	140%	1	784	$537	$730	$660	$575	$450,800
2BR/1.5BA	140%	1	1,029	$445	$655	$562	$525	$540,225
Studio	Unrestricted	37	384	$453	$842	$666	$800	$307,200
Studio	Unrestricted	3	434	$453	$842	$666	$790	$342,860
1BR/1BA	Unrestricted	1	536	$588	$1,257	$826	$775	$415,400
1BR/1BA	Unrestricted	1	570	$588	$1,257	$826	$775	$441,750
1BR/1BA	Unrestricted	9	650	$588	$1,257	$826	$750	$487,500
1BR/1BA	Unrestricted	1	655	$588	$1,257	$826	$750	$491,250

*HHFDC units restricted at 80, 100, and 110% AMI; HCDA units restricted at 90 to 140% AMI; comparisons are with units targeting similar AMI

**When excluding high outlier prcing at One Ala Moana, which ranges from $1,005 to $1,257 psf, the one-bedroom average is $773 psf

AFFORDABILITY SUMMARY - 80% AMI HHFDC

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 80% AMI*	Novoco Achievable Unit Price	HHFDC Income Limits*	Indicated Minimum Income
Studio	384	1 Person	$276,165	$240,000	$53,680	$48,853

*Maximum price and income guidelines are established by HHFDC and are based on household size. Maximum price assumes a 4.0% APR mortgage with a 5% downpayment and an income to housing expense ratio of 28%.

AFFORDABILITY SUMMARY - 100% AMI HHFDC

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 100% AMI*	Novoco Achievable Unit Price	HHFDC Income Limits*	Indicated Minimum Income
Studio	384	1 Person	$345,207	$297,600	$67,100	$58,655

*Maximum price and income guidelines are established by HHFDC and are based on household size. Maximum price assumes a 4.0% APR mortgage with a 5% downpayment and an income to housing expense ratio of 28%.

AFFORDABILITY SUMMARY - 110% AMI HHFDC

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 110% AMI*	Novoco Achievable Unit Price	HHFDC Income Limits*	Indicated Minimum Income
Studio	434	1 Person	$379,728	$336,350	$73,810	$66,107

*Maximum price and income guidelines are established by HHFDC and are based on household size. Maximum price assumes a 4.0% APR mortgage with a 5% downpayment and an income to housing expense ratio of 28%.

AFFORDABILITY SUMMARY - 100% AMI HCDA

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 100% AMI*	Novoco Achievable Unit Price	HCDA Income Limits*	Indicated Minimum Income
Studio	384	1 Person	$293,205	$268,800	$60,850	$57,012

*Maximum price and income guidelines are established by HCDA and are based on unit type. Maximum price assumes a 4.0% APR mortgage with a 10% downpayment and an income to housing expense ratio of 33%.

AFFORDABILITY SUMMARY - 110% AMI HCDA

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 110% AMI*	Novoco Achievable Unit Price	HCDA Income Limits*	Indicated Minimum Income
1BR / 1BA	453	2 Person	$372,604	$351,075	$76,500	$68,938

*Maximum price and income guidelines are established by HCDA and are based on unit type. Maximum price assumes a 4.0% APR mortgage with a 10% downpayment and an income to housing expense ratio of 33%.

AFFORDABILITY SUMMARY - 120% AMI HCDA

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 120% AMI*	Novoco Achievable Unit Price	HCDA Income Limits*	Indicated Minimum Income
1BR / 1BA	536 - 541	2 Person	$403,599	$375,200	$83,450	$78,979

*Maximum price and income guidelines are established by HCDA and are based on unit type. Maximum price assumes a 4.0% APR mortgage with a 10% downpayment and an income to housing expense ratio of 33%.

AFFORDABILITY SUMMARY - 130% AMI HCDA

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 130% AMI*	Novoco Achievable Unit Price	HCDA Income Limits*	Indicated Minimum Income
1BR / 1BA	655	2 Person	$427,613	$409,375	$90,350	$87,511

*Maximum price and income guidelines are established by HCDA and are based on unit type. Maximum price assumes a 4.0% APR mortgage with a 10% downpayment and an income to housing expense ratio of 33%.

AFFORDABILITY SUMMARY - 140% AMI HCDA

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 140% AMI*	Novoco Achievable Unit Price	HCDA Income Limits*	Indicated Minimum Income
1BR / 1BA	666 - 784	2 Person	$425,092 - $471,176	$416,250 - $450,800	$97,300	$94,762 - $97,133
2BR / 1BA	1029	4 Person	$565,464	$540,225	$121,650	$117,728

*Maximum price and income guidelines are established by HCDA and are based on unit type. Maximum price assumes a 4.0% APR mortgage with a 10% downpayment and an income to housing expense ratio of 33%.

AFFORDABILITY SUMMARY - Unrestricted

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines	Novoco Achievable Unit Price	Income Limits	Indicated Minimum Income
Studio	384 - 434	1 Person	N/Ap	$307,200 - $342,860	None	$60,289
1BR / 1BA	536 - 655	2 Person	N/Ap	$415,400 - $491,250	None	$81,307

- Based on our demand analysis, we believe that there is adequate demand in the primary market area for the Subject property as proposed floor plans on the demographic information. The overall capture rates for the Subject's affordable units range from 0.6 to 41.5 percent, with the 80 percent capture rate considered moderate yet reasonable when considering the limited competitive existing or proposed inventory at 80 percent AMI. The remaining capture rates are all very low. The overall capture rate for all 153 units is 4.4 percent for the Subject, which is considered good and achievable. The Novoco achievable pricing meets all HCDA and HHDFC affordability requirements (and are also generally in-line with market pricing). Overall, market characteristics indicate adequate demand for the Subject.

INCOME ELIGIBLE HOUSEHOLDS										
	HHFDC			HCDA						
	80% AMI	100% AMI	110% AMI	100% AMI	110% AMI	120% AMI	130% AMI	140% AMI	Unrestricted	All
Minimum Income	$48,853	$58,655	$66,107	$57,012	$68,938	$78,979	$87,511	$94,762	$60,289	$48,853
Maximum Income	$53,680	$67,100	$73,810	$60,850	$76,500	$83,450	$90,350	$121,650	$200,000+	$200,000+
Number of Income Qualified Renters	3,208	4,641	4,127	2,392	3,828	1,732	1,100	6,848	30,988	38,289
Projected growth Renters through 2017	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
% of Renters Becoming Homeowners	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
% Size Appropriate	36.6%	36.6%	36.6%	36.6%	29.2%	29.2%	29.2%	43.7%	65.8%	80.4%
Estimated Income Qualified First Time Homeowners	**60**	**87**	**77**	**45**	**57**	**26**	**16**	**153**	**1,040**	**1,570**
Number of Income Qualified Owners	2,817	3,825	3,396	1,984	2,672	1,853	1,177	9,350	45,736	51,947
Projected growth Owners through 2017	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
% of Owners Moving to a New Home	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
% Size Appropriate	25.9%	25.9%	25.9%	25.9%	33.8%	33.8%	33.8%	50.2%	59.7%	76.5%
Estimated Income Qualified Owners Transferring	**37**	**51**	**45**	**26**	**46**	**32**	**20**	**239**	**1,393**	**2,027**
Portion Originating from PMA	65%	65%	65%	65%	65%	65%	65%	65%	65%	65%
Total Income Qualified Households	**149**	**211**	**188**	**109**	**159**	**89**	**56**	**603**	**3,742**	**5,533**
Number of Homes to be Absorbed	0	22	86	0	0	0	0	392	1,637	2,029
Net Income Qualified Households	**149**	**189**	**102**	**109**	**159**	**89**	**56**	**211**	**2,105**	**3,504**
Proposed Subject Units	**62**	**12**	**3**	**6**	**1**	**7**	**5**	**5**	**52**	**153**
Overall Annual Capture Rate	**41.5%**	**6.3%**	**3.0%**	**5.5%**	**0.6%**	**7.9%**	**8.9%**	**2.4%**	**2.5%**	**4.4%**

PROJECT DESCRIPTION

PROJECT DESCRIPTION

SITE DESCRIPTION

The location of a multifamily property can have a substantial negative or positive impact upon the performance, safety and appeal of the project. The site description discusses the physical features of the site, as well as the layout, access issues and traffic flow.

General: The Subject site is located at 803 Waimanu Street in Honolulu, Honolulu County, Hawaii.

Shape: The Subject site is generally rectangular.

Size: Approximately 0.49 acres, or 21,189 square feet.

Zoning: The Subject site is zoned Kakaako Community Development District (Kak), which permits multifamily and commercial uses. The Subject as proposed will be a legal and conforming use.

Frontage: The Subject site has frontage along the west side of Waimanu Street and east side of Kawaiahao Street.

Adjoining Land Uses: The Subject site is located in the Kakaako Community Development District and is surrounded by predominately commercial retail uses with scattered multifamily residential, commercial office and light industrial uses. Imperial Plaza, a mixed-use, high-rise development which is in generally good condition, is adjacent to the northwest. Several auto repair shops in generally good condition are across Kawaiahao Street to the west. An institutional use, CARE Hawaii, in good condition is located to the south, with several other commercial and light industrial uses in generally good condition are further south along Kawaiahao Street. An auto dealership in good condition is located directly east of the Subject. Retail buildings with scattered office and light industrial uses in generally average to good condition extend further in all directions.

Topography and Existing Improvements: The site is generally level. The site is currently improved with a one-story commercial structure that will be demolished to accommodate the Subject. No vegetation exists on the site.

Access and Traffic Flow: The Subject will offer good accessibility from Waimanu Street on the east and Kawaiahao Street on the west. Waimanu Street is a two-way secondary road with light

traffic that provides access to Kapiolani Boulevard, a one-way south arterial road with generally heavy traffic flow. Kawaiahao Street is a two-way secondary road with generally light traffic flow. Kapiolani Boulevard provides access throughout the Honolulu downtown district. Ward Avenue, 0.1 miles southeast of the Subject, provides access to Interstate H1 approximately 0.7 miles to the northeast. State Route 92 is accessible approximately 0.5 miles to the southwest via Ward Avenue. Interstate H1 and State Route 92 are major highways that provide access throughout the Honolulu region.

Visibility/Views: Visibility is good from all adjacent streets. Views in all directions consist of other commercial structures including several high rise buildings. Views are considered average and are partially obstructed to the north by the Imperial Plaza high-rise. View premiums are typically available in the market for high floors in high-rise design buildings but not for mid-rise design buildings. Based on our evaluation of the Subject site location, surrounding land uses, and building design, we do not believe that view or floor premiums are likely achievable.

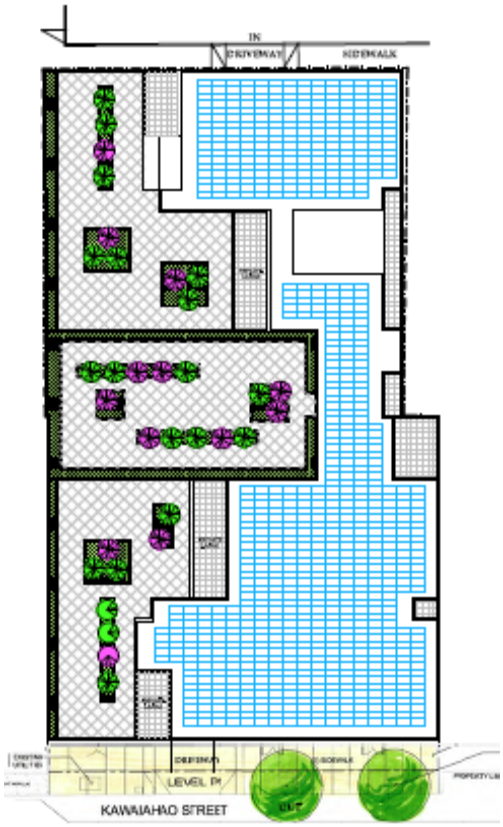
Soil and Subsoil Conditions: We were not provided with soil surveys, but the surrounding and existing improvements suggest that the soils are adequate for development.

Flood Plain: According to www.floodinsights.com Community Panel Number 150001 0362G, dated January 19, 2011, the site is located in Zone X, an area outside of the 100 and 500-year flood zone.

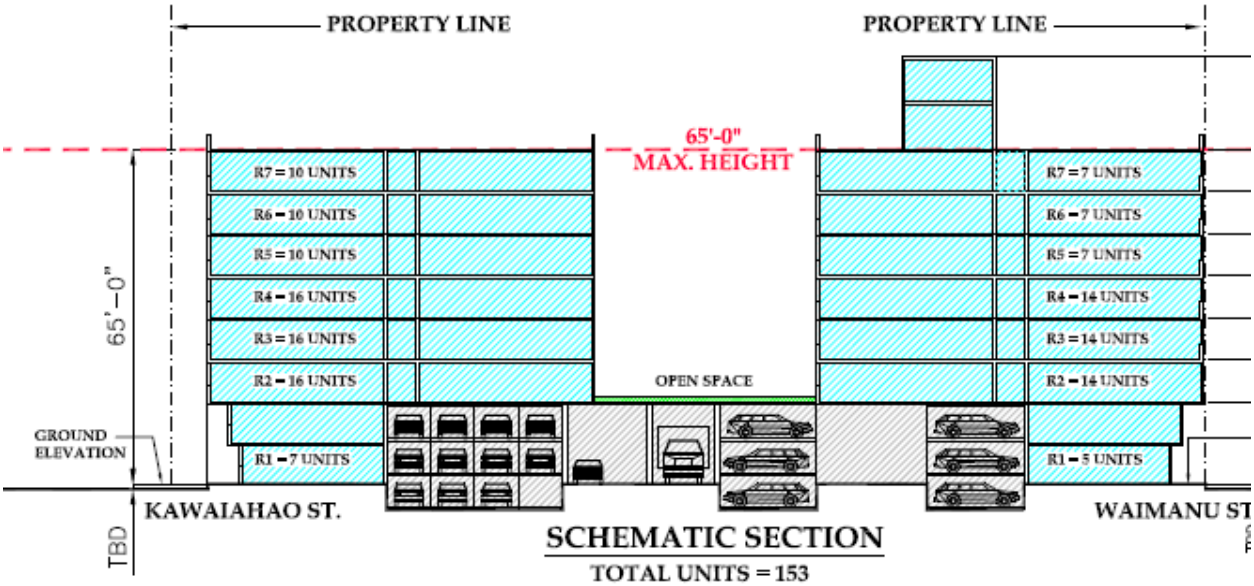
Environmental: We were not provided with an environmental assessment report. We did not observe any obvious environmental hazards during our site inspections; however, we are not experts within this field.

Detrimental Influences: We are unaware of any detrimental influences that would impact on the value of the Subject.

Conclusion: The Subject site appears physically capable of supporting a variety of legally permissible uses, and is considered a desirable location.



SITE PLAN
SCALE: 1" = 20'-0"



SCHEMATIC SECTION
TOTAL UNITS = 153
TOTAL PARKING= 91+ (51 S + 40 C) + 1 HC VAN

DESCRIPTION OF IMPROVEMENTS

Our description of the improvements is based upon information provided by the developer. We assume that this information is accurate.

Construction Type: The Subject building will consist of steel and concrete frame construction with steel and glass exterior. The roof will be flat with composite rubber and will incorporate solar panels to generate electricity. There will be two elevators.

Construction/ Completion Timeline: The construction of the Subject is expected to begin in early 2016 with an estimated completion in 2017.

Unit Mix and Size: The proposed unit mix is detailed as follows:

PROPOSED UNIT MIX

Unit Type	Program	Restriction	Number of Units	Unit Size (SF)
Studio	HHFDC	80%	62	384
Studio	HHFDC	100%	12	384
Studio	HHFDC	110%	3	434
Studio	HCDA	100%	6	384
1BR/1BA	HCDA	110%	1	453
1BR/1BA	HCDA	120%	4	536
1BR/1BA	HCDA	120%	3	541
1BR/1BA	HCDA	130%	5	655
1BR/1BA	HCDA	140%	3	666
1BR/1BA	HCDA	140%	1	784
2BR/1.5BA	HCDA	140%	1	1,029
Studio		Unrestricted	37	384
Studio		Unrestricted	3	434
1BR/1BA		Unrestricted	1	536
1BR/1BA		Unrestricted	1	570
1BR/1BA		Unrestricted	9	650
1BR/1BA		Unrestricted	1	655

NLA: The proposed unit mix and square footage per unit type is as follows. The total net leasable area is 66,449 SF, per the developer.

UNIT MIX AND SQUARE FOOTAGE

Unit Type	Number of Units	Unit Size (SF)	Net Area
Studio	117	384	44,928
Studio	6	434	2,604
1BR/1BA	1	453	453
1BR/1BA	5	536	2,680
1BR/1BA	3	541	1,623
1BR/1BA	1	570	570
1BR/1BA	9	650	5,850
1BR/1BA	6	655	3,930
1BR/1BA	3	666	1,998
1BR/1BA	1	784	784
2BR/1.5BA	1	1,029	1,029
Total	**153**		**66,449**

Proposed Pricing/Rents: The sponsor has not yet established proposed pricing; they intend to consider the conclusions presented in this analysis when developing their pro forma.

Current Rents and Operation: The Subject will be new construction, and therefore has no current rents or operational statistics.

Commercial Space: The Subject will not feature a commercial component.

Scope of Renovation: Not applicable.

Number of Stories: The Subject will comprise a total of seven stories.

Community Amenities: Upon completion, the Subject will offer a picnic area, on-site management, off-street garage parking, three furnished roof decks, and elevators.

Unit Amenities: Upon completion, the Subject's unit amenities will include blinds, carpet, in-unit washer/dryer, and pre-wiring for cable TV and high speed internet. Kitchen appliances will include a refrigerator, electric stove/oven, dishwasher, and garbage disposal. The Subject will also offer 'French' balconies with sliding doors and a ledge.

Parking: There will be 62 studio units set aside at 80 percent AMI that will not include parking. The remaining units will all include one garage parking space (located under lower

floors of the building) with the purchase price. The proposed on-site parking conforms to the zoning requirements and the overall parking is deemed reasonable given the proposed unit mix and the Subject's downtown location within close proximity to public transportation and employment nodes.

Utility Structure: The tenant will pay for all utilities. The building will be all electric.

Americans with Disabilities Act of 1990: We assume the property will have no violations of the Americans with Disabilities Act 1990.

Quality of Construction: We assume the property will be constructed in a timely manner consistent with information provided, using good quality materials in a workmanlike manner.

Condition: The Subject will be in excellent condition upon completion.

Functional Utility: We have reviewed the proposed floor plans and the Subject will not suffer from functional obsolescence.

Deferred Maintenance: The Subject will be new construction and not suffer from deferred maintenance.

Conclusion: Upon completion, we anticipate the finished product of the Subject will be comparable or superior to the quality of existing multifamily housing stock in the market area.

Floor Plans

LOWER LEVEL
UPPER LEVEL
TYPE A
1-BDRM LOFT
AREA: 650 SF
LOWER LEVEL
UPPER LEVEL
TYPE B
1-BDRM LOFT
AREA: 784 SF
LOWER LEVEL
UPPER LEVEL
TYPE C
1-BDRM LOFT
AREA: 570 SF
TYPE D
STUDIO
AREA: 384 SF
TYPE E
1-BDRM
AREA: 666 SF
TYPE H
1-BDRM
AREA: 541 SF
UNITS FLOOR PLANS
SCALE: 1/4"= 1'-0"
TYPE F
1-BDRM
AREA: 453 SF
TYPE G
STUDIO
AREA: 434 SF
TYPE J
1-BDRM
AREA: 536 SF
TYPE K
1-BDRM
AREA: 655 SF
TYPE L
2-BDRM
AREA: 1,029 SF

REGIONAL AND LOCAL AREA ANALYSIS

REGIONAL AND LOCAL AREA ANALYSIS

REGIONAL AND LOCAL AREA DESCRIPTION

The Subject is located in Honolulu, Hawaii in southern Honolulu County, on the island of Oahu. Honolulu is the county seat and the county's most populous city. According to 2010 Census data, Honolulu has a population of 337,256. Honolulu County is also known as the Honolulu Metropolitan Statistical Area (MSA). A map of the region is located below.

ECONOMIC ANALYSIS

Employment by Industry

The following table illustrates the distribution of employment sectors by industry within the PMA and the nation.

2014 EMPLOYMENT BY INDUSTRY

	PMA		USA	
Industry	Number Employed	Percent Employed	Number Employed	Percent Employed
Accommodation/Food Services	27,211	14.1%	10,849,114	7.6%
Retail Trade	24,347	12.6%	16,592,605	11.6%
Educational Services	19,595	10.1%	12,979,314	9.1%
Health Care/Social Assistance	18,579	9.6%	20,080,547	14.0%
Public Administration	15,357	8.0%	6,713,073	4.7%
Prof/Scientific/Tech Services	13,113	6.8%	9,808,289	6.8%
Other Services (excl Publ Adm)	10,429	5.4%	7,850,739	5.5%
Transportation/Warehousing	10,016	5.2%	5,898,791	4.1%
Admin/Support/Waste Mgmt Srvcs	9,794	5.1%	6,316,579	4.4%
Construction	9,514	4.9%	8,291,595	5.8%
Finance/Insurance	8,528	4.4%	6,884,133	4.8%
Real Estate/Rental/Leasing	6,979	3.6%	2,627,562	1.8%
Manufacturing	6,170	3.2%	15,162,651	10.6%
Arts/Entertainment/Recreation	4,731	2.4%	3,151,821	2.2%
Wholesale Trade	4,343	2.2%	3,628,118	2.5%
Information	2,452	1.3%	2,577,845	1.8%
Utilities	1,200	0.6%	1,107,105	0.8%
Agric/Forestry/Fishing/Hunting	579	0.3%	1,800,354	1.3%
Mgmt of Companies/Enterprises	138	0.1%	97,762	0.1%
Mining	38	0.0%	868,282	0.6%
Total Employment	**193,113**	**100.0%**	**143,286,279**	**100.0%**

Source: ESRI Demographics 2014, Novogradac & Company LLP, April 2015

The previous table reflects the workforce for the PMA. The workforce is heavily concentrated in the accommodation/food services, retail trade, educational services, and healthcare/ social assistance industries. There is a larger percentage employed in the PMA within the accommodation/food services and retail trade sectors than the nation. The dominance of the retail trade and accommodation/food services sectors can be attributed to the tourism industry, which the economy is heavily reliant upon. There is also a much larger percentage employed in the public administration sector in the PMA than in the nation. This is due to the large presence of military in the area as the Subject is in close proximity to Hickam Air Force Base and Pearl Harbor Naval Station. The large percentage employed in the public administration sector within the PMA can also be attributed to workers that are employed by the state government, as Honolulu is the state capital. The significant percentage of the workforce employed in the retail trade industry is a sign of economic growth; however, this industry also tends to be volatile, particularly during times when the economy is struggling.

Employment and Unemployment Trends

The following table details employment and unemployment trends for the MSA and the nation from 2004 through December 2014.

EMPLOYMENT & UNEMPLOYMENT TRENDS (NOT SEASONALLY ADJUSTED)

	Urban Honolulu, HI MSA				USA			
Year	Total Employment	% Change	Unemployment Rate	Change	Total Employment	% Change	Unemployment Rate	Change
2004	413,881	-	3.3%	-	139,252,000	-	5.5%	-
2005	427,016	3.2%	2.8%	-0.5%	141,730,000	1.8%	5.1%	-0.4%
2006	433,478	1.5%	2.5%	-0.3%	144,427,000	1.9%	4.6%	-0.5%
2007	430,846	-0.6%	2.6%	0.1%	146,047,000	1.1%	4.6%	0.0%
2008	426,832	-0.9%	3.8%	1.2%	145,362,000	-0.5%	5.8%	1.2%
2009	413,213	-3.2%	6.0%	2.2%	139,877,000	-3.8%	9.3%	3.5%
2010	427,140	3.4%	5.9%	-0.2%	139,064,000	-0.6%	9.6%	0.3%
2011	434,173	1.6%	5.8%	-0.1%	139,869,000	0.6%	8.9%	-0.7%
2012	430,759	-0.8%	5.3%	-0.5%	142,469,000	1.9%	8.1%	-0.8%
2013	438,402	1.8%	4.3%	-1.0%	143,929,000	1.0%	7.4%	-0.7%
2014 YTD Average*	451,701	3.0%	4.0%	-0.3%	146,305,333	1.7%	6.2%	-1.2%
Dec-2013	449,899	-	3.9%	-	144,423,000	-	6.5%	-
Dec-2014	458,172	1.8%	3.5%	-0.4%	147,190,000	1.9%	5.4%	-1.1%

Source: U.S. Bureau of Labor Statistics, April 2015

*2014 data is through Dec

From 2004 to 2006, the MSA and the nation experienced continual employment growth. In fact, the nation continued to experience employment growth in 2007, while the MSA experienced a slight decrease in total employment. Total employment in the MSA decreased in 2008 and 2009 significantly in 2009, consistent with the recent national recession. In 2010 and 2011 the MSA experienced an increase in total employment; however, the growth in total employment stagnated in 2012 but again rebounded in 2013 and 2014 year-to-date.

Unemployment in the Honolulu Metropolitan Statistical Area (MSA) decreased from 2004 to 2006. However, from 2007 to 2009, the unemployment rate increased from 2.6 to 6.0 percent, which was a result of the recent national recession. The unemployment rate began to decline in 2010, which has continued to present. The 2014 year-to-date average unemployment rate indicates a 0.3 percentage point decrease since year end 2012. Furthermore, the December 2014 unemployment rate is 3.5 percent, compared to 3.9 percent from December 2014. The national recession and mortgage crisis have impacted both the MSA and the nation, which is reflected in the data. However, it appears that the MSA has not been as severely affected as the nation. Additionally, the Honolulu, HI MSA appears to be outperforming the nation in terms of unemployment as the December 2014 unemployment rate was significantly lower than the nation, 3.5 percent versus 5.4 percent, respectively.

Major Employers
The following table details the state's largest nongovernment employers.

STATE OF HAWAII MAJOR EMPLOYERS		
Employer Name	**Industry**	**Number of Employees**
Altres Medical	Healthcare	10,000+
Kapiolani Medical Center	Healthcare	5,000
Queen's Medical Center	Healthcare	3,500
Hawaii Health Systems Corp	Healthcare	3,400
Tripler Army Medical Center	Healthcare	2,826
Bank of Hawaii	Finance	2,500
St. Francis Healthcare	Healthcare	2,100
Aloha Air Cargo	Air Cargo	2,090
Towne Realty of Hawaii	Real Estate	2,001
Hawaii Electric Co.	Utilities	2,000
Hilton Hawaiian Village Waikiki	Hospitality	2,000
Kaiser Permanente	Insurance	2,000
Straub Clinic and Hospital	Healthcare	1,900
Outrigger Enterprises Group	Accommodations	1,600
Honolulu Airport	Air Transportation	1,500
Grand Wailea Resort Hotel	Accommodations	1,400
Roberts Overnighters	Entertainment	1,400
Kuakini Emergency Service	Healthcare	1,300
Hilton-Waikoloa Village	Accommodations	1,200
Kaimuki Toyota/Suzuki	Automotive	1,200

Source: infogroup.com, Novogradac & Co. LLP, April 2015

The largest non-governmental employers in the area are concentrated in the healthcare and accommodations industries. The largest employer in the area is the federal, state, and local government due to the presence of the various military installations and the fact Honolulu is the state capital. Further employment information regarding government employers within the area was unavailable.

Employment Analysis and Expansion/Contractions
Despite the recent recession, it appears that the Hawaiian economy is recovering. Additionally, Honolulu County is still working towards a diversified economic base with technology-intensive and knowledge-based enterprises. According to the Oahu Economic Development Board, Honolulu County is still continuing its efforts to further various technology driven sectors including alternative energy, diversified agriculture, ocean and earth sciences, film and digital media, and satellite tracking. Additionally, the Oahu Economic Development Board indicated that Honolulu is an attractive location for new businesses due to its strategic mid-pacific location, time zone advantage, and well developed infrastructure.

The Chamber of Commerce of Hawaii, the Oahu Economic Development Board, and the State of Hawaii Department of Business, Economic Development, and Tourism could not provide specific information pertaining to new businesses locating to Honolulu County and resulting job growth, or any employment contractions that have occurred within the last six months. Although we were not able to retrieve specific information regarding businesses that have recently expanded or relocated to Honolulu, we were able to gather information on a more macro level

from another source with information about the economic climate in the Subject's area. A statistician at the State's Department of Business, Economic Development, and Tourism noted that Hawaii is well known for its sizeable barriers to entry when it comes to development projects (including multifamily), largely in part to scarcity and cost of land and difficult permitting processes. Despite the contact's report on the state of new business development, the contact affirmed the crucial importance of affordable housing programs in the development of multi-family housing projects. He stated that the high cost of land imposes a financial barrier to entry that many developers of affordable multifamily housing cannot overcome without subsidies or other favorable financing.

Hickam Air Force Base and Naval Station Pearl Harbor

Hickam Air Force Base and Pearl Harbor are located approximately three and six miles west of the downtown district, respectively. Together, they account for approximately 40,000 jobs in the MSA. Hickam Air Force Base consists of 2,850 acres of land and facilities bordering Pearl Harbor and first opened in 1934. During World War II the base was a major center for training pilots and assembling aircraft, as well as serving as the hub of the Pacific aerial network. Today the base remains a launch point of strategic air mobility and operation missions. The air force base was slightly affected by the 2005 BRAC realignment, losing approximately 262 jobs.

Pearl Harbor was established as a U.S. naval base in 1908. Today the base coordinates, schedules, and provides assigned waterfront services to all home-ported and visiting ships and vessels at the Pearl Harbor Naval Complex. The naval station was slightly affected by the 2005 BRAC realignment, losing approximately 290 jobs.

Despite both Hickam Air Force and Base Pearl Harbor losing jobs during the BRAC realignment, both stations continue to have a huge impact on the area today. According to the Chamber of Commerce of Hawaii, the Pearl Harbor Naval Shipyard is the largest industrial employer in Hawaii. Additionally, the U.S. Department of Defense is a major source of revenue to the state, second only to tourism. The chamber also indicated that the total spending by the armed services in Hawaii in 2007 was $8.2 billion, which resulted in direct and indirect impacts totaling $12.2 billion to Hawaii's economy, in addition to accounting for over hundreds of thousands of jobs and $7.6 billion in household earnings. Both Hickam Air Force Base and Pearl Harbor provide employment and revenue to the state.

Worker Adjustment and Retraining Notification (WARN) notices for companies in Hawaii are available by request from the Department of Labor and Industrial Relations – State of Hawaii. Our emails and phone calls have gone unreturned as of the effective date of this report.

Employment Analysis

The Subject will be located in Honolulu, Hawaii. Given the Subject's location, we have focused on the state of Hawaii and HUD's Pacific region in framing our economic analysis. According to Hawaii's list of major employers, the accommodations and health care sectors have historically dominated the local private sector economy, while government and military jobs are prevalent within the public sector in the region.

According to HUD's Regional Market Conditions for the fourth quarter of 2014 in the Pacific Region, **"Nonfarm payroll jobs have increased every quarter beginning with the fourth**

quarter of 2010." The region added 435,800 jobs in the fourth quarter of 2014, a 2.2 percent increase since the fourth quarter of 2013. Professional services and business services along with health and education service sectors accounted for nearly 57 percent of net job gains in the region during the fourth quarter 2014.

During the fourth quarter of 2014, Hawaii nonfarm payrolls gained 7,800 jobs, or 1.2 percent, with the leisure and hospitality sectors leading in all categories of job growth. California gained 333,800 jobs, or 2.2 percent, compared with an increase of 2.5 percent, during the same quarter the previous year. Nonfarm payrolls in Arizona rose by 65,400 jobs, or 2.6 percent, during the fourth quarter of 2014, compared with the increase of 1.8 percent, during 2013. Nevada added 29,900 jobs, an increase of 2.5 percent, compared with the addition of 2.5 percent increase, during 2013.

Single-family homebuilding, home sales, and sales prices increased throughout the region, and sales and rental vacancy rates declined. According to CoreLogic, Inc., the average home sale price increased $416,000 or 10 percent during the 12 month period ending in November 2014 after a 20 percent increase during the previous 12 months.

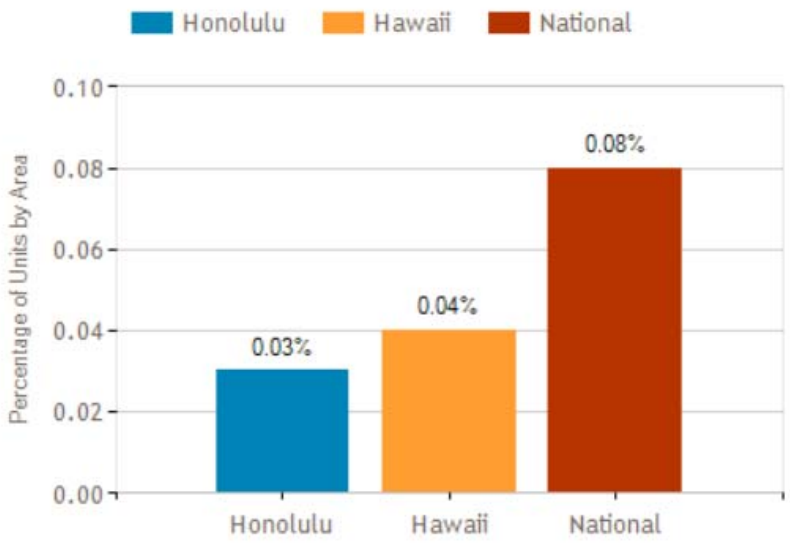
Increased single-family permitting activity remained relatively unchanged from fourth quarter of 2013 but was up 16 percent from the previous year. Homes permitted in Hawaii declined 16 percent, or by 520 homes, which was the highest percentage decline in the Pacific region. However, single-family homebuilding, home sales, and sales prices increased throughout the region, and sales and rental vacancy rates declined. According to CoreLogic, Inc., the average home sale price increased $416,000 or 10 percent during the 12 month period ending in November 2014 after a 20 percent increase during the previous 12 months. During the fourth quarter of 2014, average home sale prices in the region increased at a higher rate than in the nation due to significant reductions of Real Estate Owned (REO) home sales.

Rental housing markets in the Pacific region varied from balanced to tight in the fourth quarter of 2014. The San Francisco Bay Area remained the highest rental housing market in the region as well as the nation, with an average rent of $2.96 per square foot. According to Axiometrics Inc., apartment markets in the Pacific region are generally tight, with nearly 7 of 10 metropolitan areas in the region reporting overall vacancies below the national average. **The rental vacancy rate in Honolulu declined 1.3 percentage points from fourth quarter 2013 to fourth quarter 2014**.

Multifamily construction activity, as measured by the number of multifamily units permitted, increased 21 percent from fourth quarter of 2013. Based on preliminary data, 18,650 multifamily units were permitted in the region, after a 44-percent increase from the previous quarter a year earlier. The combination of increased renter demand and declining vacancy rates was the main impetus for the rising number of multifamily permits. **The number of multifamily units permitted in Hawaii increased by 720 units, or a 150 percent increase from the previous quarter. This is the highest increase since 2004.**

Economic Impact of the Mortgage and Credit Crisis

According to www.RealtyTrac.com, within the state of Hawaii, Honolulu had the lowest rate of foreclosures during February 2015 with a foreclosure rate of 0.03 percent, or 1 in every 3,980 households. Honolulu County had a similar foreclosure rate of 0.03 percent, while the state of Hawaii displayed a 0.04 percent foreclosure rate. The national foreclosure rate in February 2015 was 0.08 percent. Overall, the MSA and state of Hawaii have been impacted by the current national recession to date. However, it appears that the MSA has fared better than the nation as a whole, which is evident by the lower unemployment rate and smaller employment losses during the recent recession. Similarly, the relatively minor impact of the mortgage crisis has lessened the overall negative impact of the recession on the local economy. The graph below illustrates a geographical comparison for the Subject's area by a percentage of units currently in foreclosure.



Source: realtytrac.com, 4/2015

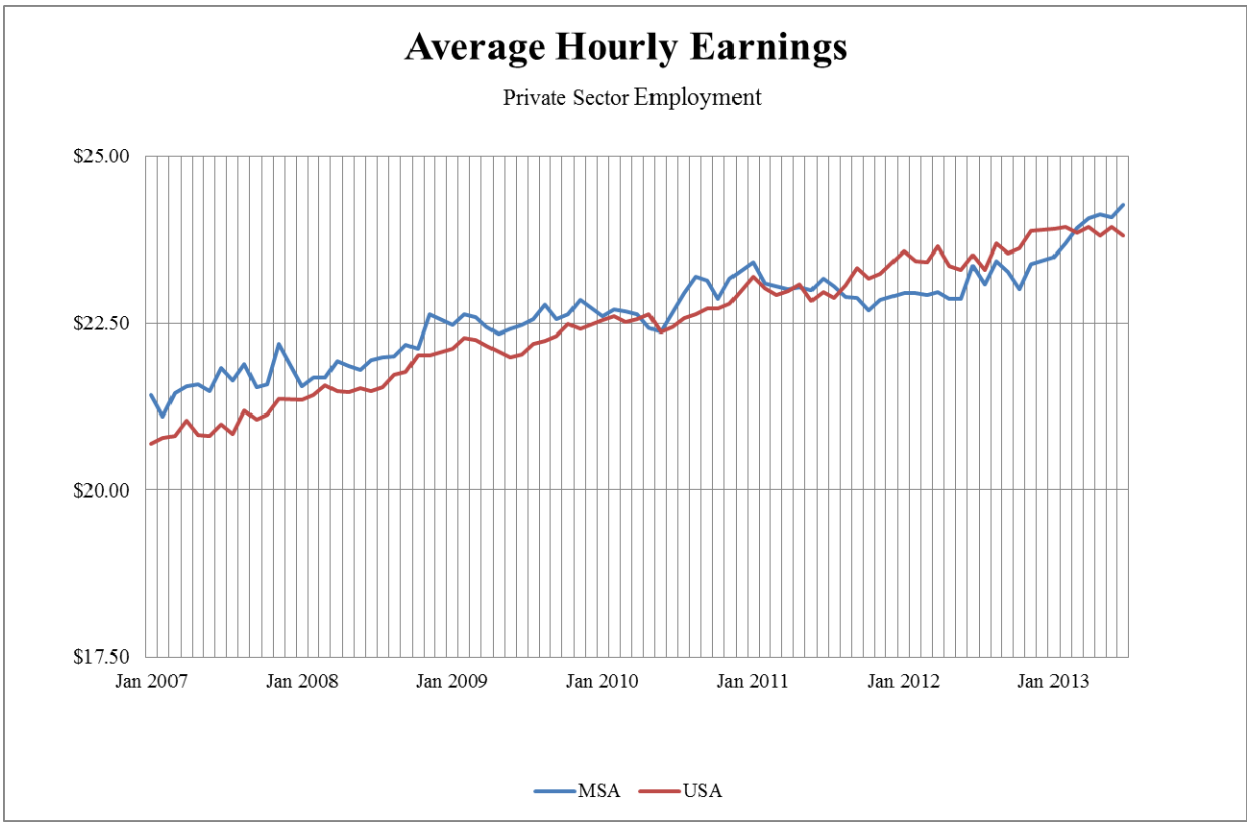
Wages by Occupation

The following table details the wages by occupation in the MSA.

URBAN HONOLULU, HI MSA - MAY 2013 AREA WAGE ESTIMATES			
Occupation	Number of Employees	Mean Hourly Wage	Mean Annual Wage
Total all occupations	448,520	$18.42	$47,850
Management Occupations	27,440	$44.65	$92,870
Healthcare Practitioners and Technical Occupations	22,490	$43.35	$90,160
Legal Occupations	3,300	$38.76	$80,630
Architecture and Engineering Occupations	7,840	$37.31	$77,610
Computer and Mathematical Occupations	7,950	$35.50	$73,830
Life, Physical, and Social Science Occupations	5,000	$33.84	$70,380
Business and Financial Operations Occupations	20,470	$31.04	$64,550
Construction and Extraction Occupations	20,660	$30.00	$62,390
Installation, Maintenance, and Repair Occupations	16,580	$25.11	$52,230
Education, Training, and Library Occupations	34,200	$24.27	$50,470
Arts, Design, Entertainment, Sports, and Media Occupations	7,540	$23.72	$49,350
Community and Social Services Occupations	7,920	$22.02	$45,800
Transportation and Material Moving Occupations	29,270	$21.37	$44,460
Protective Service Occupations	15,870	$20.27	$42,160
Office and Administrative Support Occupations	66,830	$17.69	$36,800
Production Occupations	11,010	$17.29	$35,970
Sales and Related Occupations	44,680	$16.31	$33,930
Healthcare Support Occupations	12,170	$15.43	$32,100
Building and Grounds Cleaning and Maintenance Occupations	22,910	$14.39	$29,920
Farming, Fishing, and Forestry Occupations	610	$14.05	$29,230
Personal Care and Service Occupations	12,220	$13.50	$28,070
Food Preparation and Serving-Related Occupations	51,540	$12.51	$26,030

Source: Department Of Labor, Occupational Employment Statistics, 5/2013 most recent available, 4/2015

The above chart shows average hourly and annual wages by employment classification as of May 2013 (most recent available). The classification with the lowest average weekly wage is food preparation and serving related occupations, at $12.51 per hour. The highest average hourly wage of $44.65 is management occupations.



Commuting Patterns

The chart below shows the travel time to work for the PMA according to ESRI data.

COMMUTING PATTERNS

2000 Commuting Time to Work	Number of Commuters	Percentage
Travel Time < 5 min	2,450	1.5%
Travel Time 5-9 min	13,482	8.1%
Travel Time 10-14 min	26,957	16.2%
Travel Time 15-19 min	33,003	19.9%
Travel Time 20-24 min	28,410	17.1%
Travel Time 25-29 min	9,065	5.5%
Travel Time 30-34 min	28,282	17.0%
Travel Time 35-39 min	2,907	1.7%
Travel Time 40-44 min	4,918	3.0%
Travel Time 45-59 min	9,073	5.5%
Travel Time 60-89 min	5,509	3.3%
Travel Time 90+ min	2,199	1.3%
Average Travel Time	**23 Minutes**	**-**

Source: US Census 2000, Novogradac & Company LLP, April 2015

As shown above, the average travel time for individuals in the PMA is 23 minutes. The majority of commuters, approximately 76 percent, have a travel time between 10 and 34 minutes. The

large number of commuters with commute times in that range suggests that workers in the PMA commute throughout the greater Honolulu area to work.

Conclusion

Total employment in the Honolulu MSA slightly increased from 2004 to 2006, but as a result of the national recession, the MSA experienced a 3.2 percent decrease in total employment in 2009. Although that 3.2 percent decrease amounted to the loss of over 13,000 jobs, this decrease was less than that of the decline in total employment experienced by the nation as a whole, which dropped by 3.8 percent. In 2010 and 2011 the MSA experienced an increase in total employment; however, the growth in total employment stagnated in 2012 but again rebounded in 2013 and 2014 year-to-date. The largest employment sectors in the PMA are accommodation/food services, retail trade, educational services, and healthcare/ social assistance. The large percentage of employment in the retail trade sector can be attributed to Hawaii's large tourism industry. The large percentage of employment in public administration can be attributed to the Subject's close proximity to Hickam Air Force Base and Pearl Harbor Naval Station as well as all of the workers employed by the State of Hawaii, as Honolulu is the state capital. The local economy has suffered due to the national recession as it is heavily reliant on the tourism industry. However, based on the tourism statistics provided by the State of Hawaii Department of Business, Economic Development, and Tourism, the state has experienced a significant increase in the overall number of visitors and visitor spending over the previous two years. The fallout from the mortgage crisis has been moderate in the area. Overall, it appears as if the local economy has recovered from the national recession, and growth in recent years has been significant.

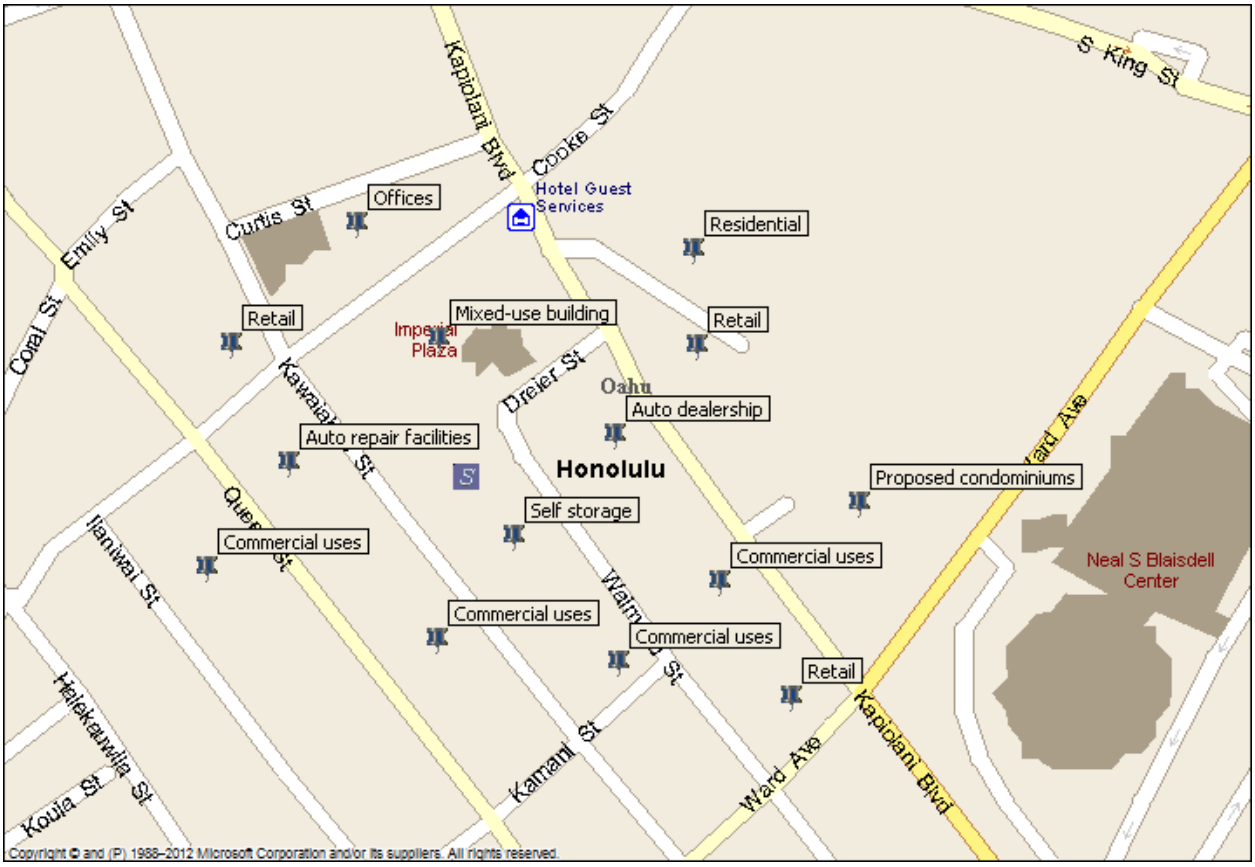
NEIGHBORHOOD DESCRIPTION AND ANALYSIS

Introduction

The neighborhood surrounding an apartment property often impacts the property's status, image, class, and style of operation, and sometimes its ability to attract and properly serve a particular market segment. This section investigates the property's neighborhood and evaluates any pertinent location factors that could affect its rent, its occupancy, and overall profitability.

Location and Boundaries

The Subject is located within the Kakaako neighborhood in the city of Honolulu in Honolulu County. The Kakaako neighborhood is generally bounded by South and King Streets on the north, Victoria and Kamakee Streets to the east, and the Mamala Bay to the south and west. The following maps illustrate the Subject in relation to the Kakaako neighborhood boundaries and the surrounding improvements.



Accessibility

The Subject will offer good accessibility from Waimanu Street on the east and Kawaiahao Street on the west. Waimanu Street is a two-way secondary road with light traffic that provides access to Kapiolani Boulevard, a two-way arterial road with generally heavy traffic flow. Kawaiahao Street is a two-way secondary road with generally light traffic flow. Kapiolani Boulevard provides access throughout the Honolulu downtown district. Ward Avenue, 0.1 miles southeast of the Subject, provides access to Interstate H1 approximately 0.7 miles to the northeast. State Route 92 is accessible approximately 0.5 miles to the southwest via Ward Avenue. Interstate H1 and State Route 92 are major highways that provide access throughout the Honolulu region.

Predominant Land Usage

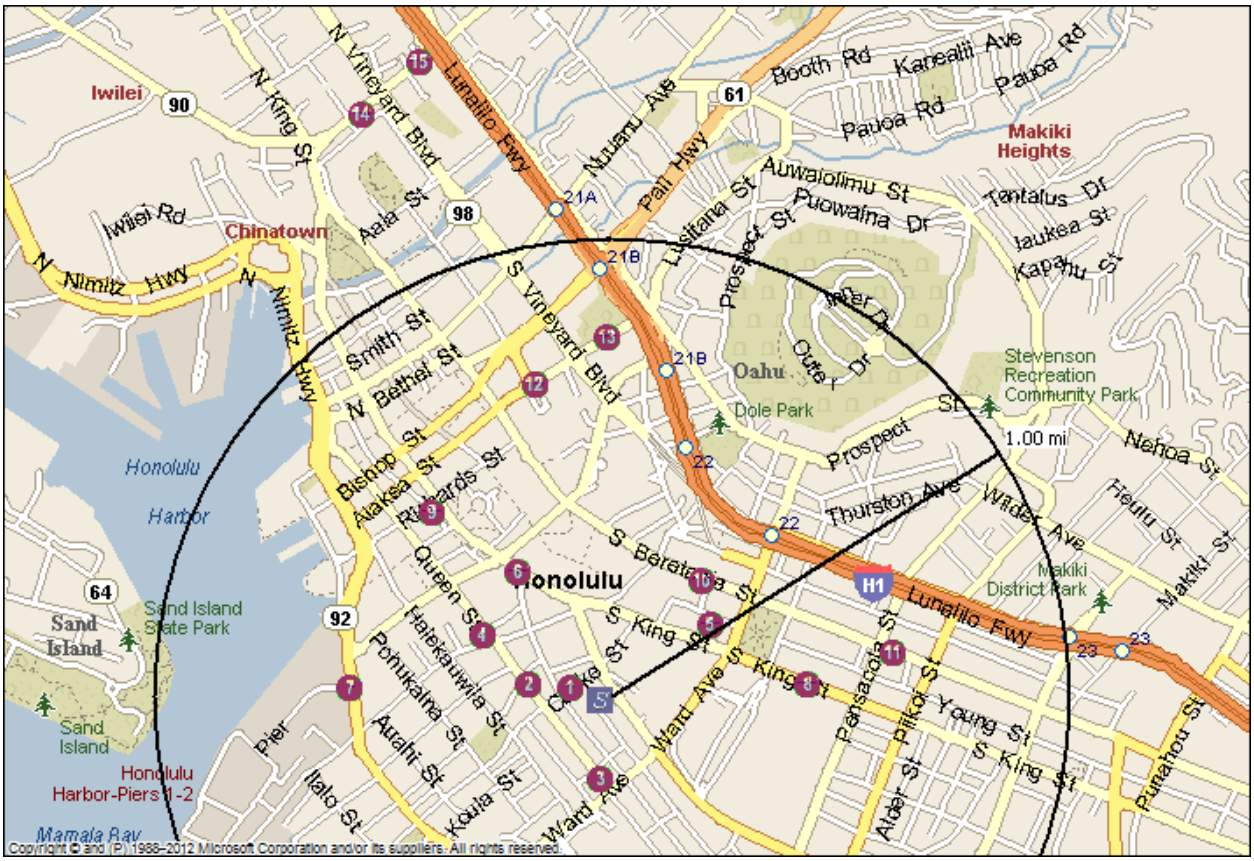
The Subject in the Kakaako Community Development District and will be part of the broader Kakaako redevelopment project that consists of a 600 acre mixed-use development that will include five housing developments that are currently under construction, six that were permitted in 2013, and six that are currently in the planning stage. These seventeen planned buildings will provide an additional 5,740 housing units within the area The Subject site is surrounded by predominately commercial retail uses with scattered multifamily residential, commercial office and light industrial uses. Imperial Plaza, a mixed-use, high-rise development which is in generally good condition, is adjacent to the northwest. Several auto repair shops in generally good condition are across Kawaiahao Street to the west. An institutional use, CARE Hawaii, in good condition is located to the south, with several other commercial and light industrial uses in generally good condition are further south along Kawaiahao Street. An auto dealership in good condition is located directly east of the Subject. Retail buildings with scattered office and light

industrial uses in generally average to good condition extend further in all directions. According to walkscore.com, the Subject has a walkscore of 94, Walker's Paradise, meaning that all errands can be accomplished on foot.

The nearest retail to the Subject is concentrated along Cooke Avenue in the ground floor of the Imperial Plaza condominium building, adjacent to the north. This retail district is in good overall condition and appears to be 95 percent occupied.

Proximity to Local Services

The preceding table illustrates the Subject's proximity to local services. The Subject is located within reasonable proximity to retail, educational, and medical services.

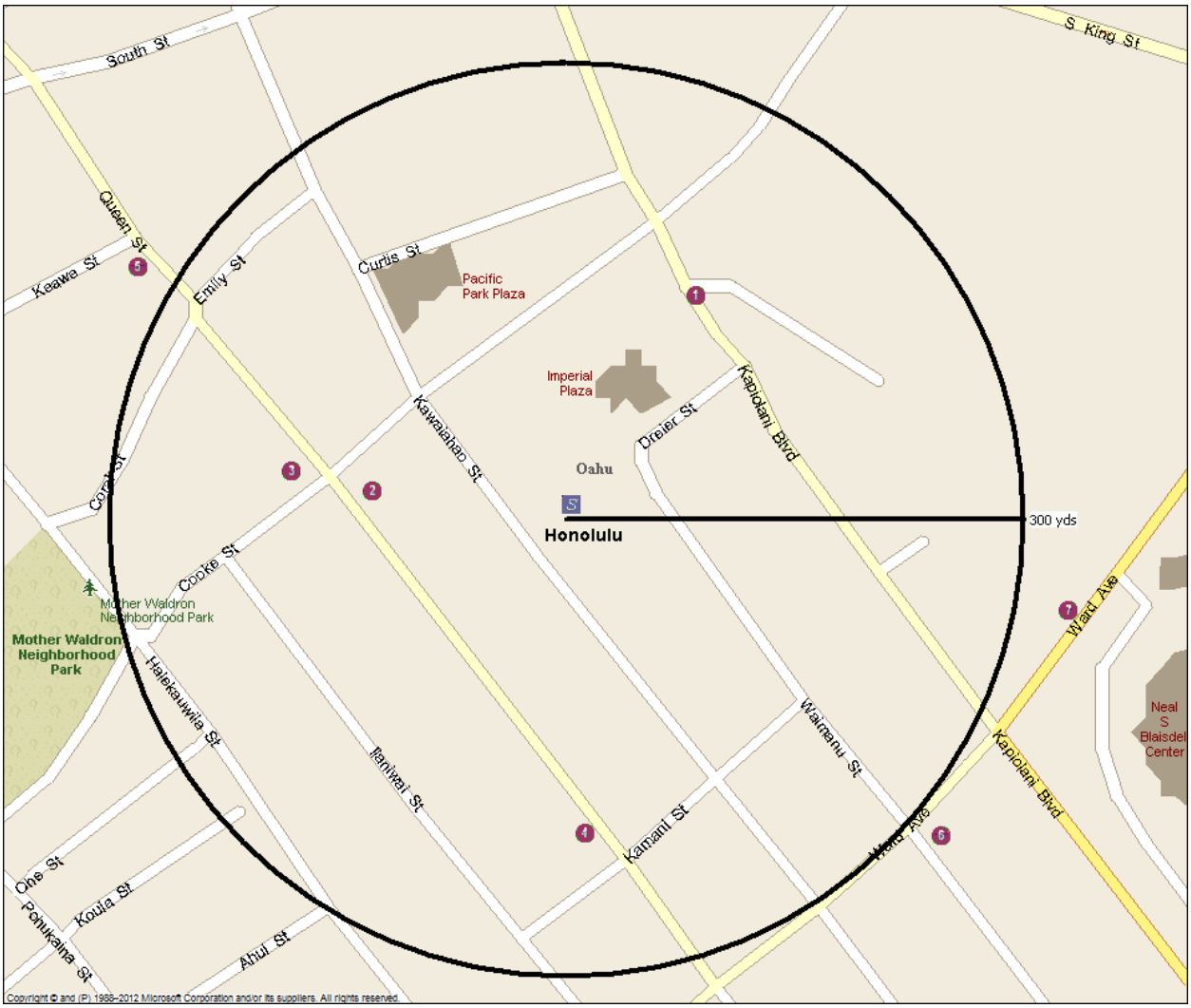


LOCATIONAL AMENITIES

Map #	Service or Amenity	Miles From Subject
1	Retail Strip	0.1 miles
2	Aloha Gas Station	0.1 miles
3	American Savings Bank	0.1 miles
4	Kakaako Fire Department	0.2 miles
5	Straub Hospital	0.3 miles
6	Honolulu Hale City Hall	0.3 miles
7	CVS Pharmacy	0.5 miles
8	McKinley High School	0.6 miles
9	Post Office	0.6 miles
10	Honolulu Police Department	0.6 miles
11	Safeway	1.2 miles
12	Central Middle School	1.2 miles
13	Royal Elementary School	1.4 miles
14	Kukui Gardens Community Center	1.9 miles
15	Public Library	1.7 miles

Adequacy of Public Transportation

Bus service on the Island of Oahu is available through the Oahu Transit System. The Kakaako neighborhood is served by multiple bus stops. The nearest bus stop is located 150 yards from the Subject. A map detailing the location of the Subject in proximity to local bus stops is illustrated on the following page.



PUBLIC TRANSPORTATION

Map #	Bus Stop Location
1	Kapiolani Bl & Cook St
2	Cook St & Queen St
3	Queen St & Cook St
4	Queen St & Kamani St
5	Queen St & Keawe St
6	Kapiolani Bl & Ward Ave
7	Ward Ave & Kapiolani Bl

According to a report released by the State of Hawaii's Department of Business, Economic Development & Tourism, titled *Construction and Hawaii's Economy*, there are two upcoming development projects that will have a major impact on Hawaii's construction industry and economy: the Honolulu rapid transit rail project and the Kakaako development. The Honolulu Authority for Rapid Transportation (HART) was granted a $64.7 million permit for the construction of new tracks, parking areas, utilities, and infrastructure improvement. This project is the first phase of a larger project that is estimated to cost a total of $5.1 billion in its entirety.

Crime

The following table illustrates crime rates in the PMA and the Urban Honolulu, Hawaii Metropolitan Statistical area.

2014 CRIME RISK INDICES

	PMA	Urban Honolulu, HI MSA
Total Crime*	352	177
Personal Crime*	144	72
Murder	60	30
Rape	193	96
Robbery	193	97
Assault	165	86
Property Crime*	399	200
Burglary	263	124
Larceny	392	199
Motor Vehicle Theft	587	306

Source: ESRI Demographics 2014, Novogradac & Company LLP, April 2015
*Unweighted aggregations

For comparison purposes, a crime index below 100 is below the national average, and a crime index above 100 is above the nation's crime index average. Overall crime in the PMA is significantly above the national average and the MSA. Based on the information presented in the above table, personal crime is lower in the PMA and MSA than property crime, which occurs at a high rate. All categories of crime in the PMA are higher than the national average and the MSA with the exception of murder, which is higher in the PMA then the MSA but lower than the national average. Despite these statistics, according to interviews with local brokers, crime in the immediate area is not a significant problem; nonetheless, the Subject will offer secured entry systems with intercom as a security feature. Additionally, the parking garage will be secured. We believe that based on the performance of the comparables in the PMA, which offer similar security, that crime will not be a significant issue.

Conclusion

The Subject's neighborhood consists of the Kakaako Community Development District neighborhood, located in downtown Honolulu. The neighborhood is very walkable and access to public transportation is excellent. The majority of services and locational amenities are within walking distance. The construction of the Subject will create a positive impact upon the neighborhood by continuing to provide quality multifamily housing that will be in good condition upon completion. The Subject site is located within excellent proximity to local services, recreation, education, and retail. According to walkscore.com, the Subject has a walkscore of 94, Walker's Paradise, meaning that all errands can be accomplished on foot.

DEMOGRAPHIC ANALYSIS

For the purpose of this study, it is necessary to define the market area, or the area from which potential tenants for the project are likely to be drawn. In some areas, residents are very much "neighborhood oriented" and are generally very reluctant to move from the area where they have grown up. In other areas, residents are much more mobile and will relocate to a completely new area, especially if there is an attraction such as affordable housing at below market rents. The primary market area for the Subject generally consists of the city of Honolulu.

There are no natural boundaries in Honolulu that would inhibit anyone from relocating to the Subject. The market area boundaries identified are a reasonable approximation regarding the potential for-sale market for the Subject. Housing of all types is in strong demand. Housing of all types in this market is at a premium, with low for-sale inventory and few rental vacancies.

The PMA boundaries and overall market health assessment are based upon analyses of physical boundaries, which include traffic and commute patterns within the area, surveys of existing market rate apartment and condominium projects undertaken by Novogradac & Company LLP, and insights gained from real estate agents, resident managers, area planning staff, and others familiar with the multifamily and condominium markets. We recognize several sub-markets/neighborhoods exist within this PMA; however, market data demonstrates that a significant amount of the local population considers housing opportunities within these boundaries. Given the opportunity to locate good quality housing, both renters and owners will move within these areas. We anticipate the majority of demand will be generated from this geographic area. Leakage is anticipated from outside the PMA from other parts of Oahu; we will incorporate a leakage estimate 35 percent to reflect this potential for the for-sale demand scenario.

The secondary market area (SMA) for the Subject is considered to be the Honolulu, HI MSA, which consists of Honolulu County. Maps outlining the PMA and SMA can be found on the following pages.

PMA Map

Honolulu, HI PMA

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SMA Map

Population and Households

The tables below illustrate population and household trends in the PMA, MSA, and nation from 2000 through 2019.

POPULATION

Year	PMA		Urban Honolulu, HI MSA		USA	
	Number	*Annual Change*	*Number*	*Annual Change*	*Number*	*Annual Change*
2000	368,268	-	876,156	-	281,421,906	-
2014	395,478	0.5%	979,297	0.8%	314,467,933	0.8%
2019	411,489	0.8%	1,022,583	0.9%	325,843,774	0.7%

Source: ESRI Demographics 2014, Novogradac & Company LLP, April 2015

HOUSEHOLDS

Year	PMA		Urban Honolulu, HI MSA		USA	
	Number	*Annual Change*	*Number*	*Annual Change*	*Number*	*Annual Change*
2000	139,718	-	287,371	-	105,991,193	-
2014	150,905	0.6%	319,971	0.8%	118,979,182	0.9%
2019	157,568	0.9%	334,575	0.9%	123,464,895	0.8%

Source: ESRI Demographics 2014, Novogradac & Company LLP, April 2015

Population increased in the PMA 0.5 percent annually between 2000 and 2014, slightly slower than both the MSA and the nation, and it is projected to continue to increase through 2019 at a generally similar rate as the MSA and nation. Total households increased by 0.6 percent annually in the PMA between 2000 and 2014, which was slightly slower than both the MSA and the nation. Total households are projected to continue to increase in the PMA through 2019 at an accelerated rate of 0.9 percent annually, similar to the MSA and the nation.

Average Household Size

The table below illustrates average household sizes in the PMA, MSA, and nation.

AVERAGE HOUSEHOLD SIZE

Year	PMA		Urban Honolulu, HI MSA		USA	
	Number	*Annual Change*	*Number*	*Annual Change*	*Number*	*Annual Change*
2000	2.56	-	2.94	-	2.58	-
2014	2.53	-0.1%	2.95	0.0%	2.58	0.0%
2019	2.53	0.0%	2.95	0.0%	2.57	0.0%

Source: ESRI Demographics 2014, Novogradac & Company LLP, April 2015

As illustrated in the above table, the average household size decreased slightly between 2000 and 2014 in the PMA, while there was a slight increase in the MSA and no change in the nation. Through 2019, the average household size is projected to remain stable for the PMA, MSA and nation. The PMA has a smaller average household size than both the MSA and the nation.

Median Household Income Levels

The table below illustrates the median household income in the PMA, MSA, and the nation from 2000 through 2019.

MEDIAN HOUSEHOLD INCOME

Year	PMA		Urban Honolulu, HI MSA		USA	
	Amount	*Annual Change*	*Amount*	*Annual Change*	*Amount*	*Annual Change*
2000	$45,190	-	$52,120	-	$42,164	-
2014	$60,808	2.4%	$70,679	2.5%	$51,314	1.5%
2019	$71,325	3.5%	$80,341	2.7%	$59,580	3.2%

Source: ESRI Demographics 2014, Novogradac & Company LLP, April 2015

The median household income in the PMA is lower than the MSA and higher than the nation. Median household income in the PMA grew at a slightly faster rate than the MSA between 2000 and 2014, and significantly faster than the nation. The median household income in the PMA is projected to continue to increase through 2019, at a faster rate than both the MSA and the nation.

The map below illustrates the annual median household income growth in the state of Hawaii by county:

2000 - 2010 MHI Annual Growth Rate

NOVOGRADAC & COMPANY LLP
www.novoco.com

As the previous map illustrates, median household income increased between 2.06 to 2.07 percent annually from 2000 to 2010, which ranks in the upper half of Hawaii counties during the same time period. Areas of higher MHI growth appear to be concentrated in the major metropolitan area of Honolulu and the northwestern portion of the island chain. Counties with the slowest rate of median income growth are largely concentrated in the central and southeastern portions of the state.

Household Income Distribution

The following table illustrates the total household income distribution for the PMA in 2014 and 2019.

HOUSEHOLD INCOME PMA

Income Cohort	PMA 2014		PMA 2019		Annual Change 2014 to 2019	
	Number	*Percentage*	*Number*	*Percentage*	*Number*	*Percentage*
$0-9,999	10,730	7.1%	10,083	6.4%	-129	-1.2%
$10,000-19,999	12,086	8.0%	11,085	7.0%	-200	-1.7%
$20,000-29,999	13,707	9.1%	12,454	7.9%	-251	-1.8%
$30,000-39,999	13,088	8.7%	12,289	7.8%	-160	-1.2%
$40,000-49,999	12,863	8.5%	11,745	7.5%	-223	-1.7%
$50,000-59,999	11,402	7.6%	11,138	7.1%	-53	-0.5%
$60,000-74,999	14,648	9.7%	14,332	9.1%	-63	-0.4%
$75,000-99,999	20,044	13.3%	19,912	12.6%	-27	-0.1%
$100,000-124,999	13,855	9.2%	15,229	9.7%	275	2.0%
$125,000-149,999	9,233	6.1%	11,191	7.1%	392	4.2%
$150,000-199,999	8,762	5.8%	11,674	7.4%	582	6.6%
$200,000+	10,487	6.9%	16,437	10.4%	1,190	11.3%
Total	**150,905**	**100.0%**	**157,568**	**100.0%**		

Source: Ribbon Demographics 2014, Novogradac & Company LLP, April 2015

The largest income cohort in the PMA is the $75,000-$99,999 bracket, with 13.3 percent of the household population in 2014. In the PMA, 58.6 percent of the total households earned $50,000 or more annually.

Owner Household Income Distribution

The following table illustrates the projected owner household income distribution for the PMA in 2014 and 2019.

OWNER HOUSEHOLD INCOME PMA

Income Cohort	PMA 2014		PMA 2019		Annual Change 2014 to 2019	
	Number	*Percentage*	*Number*	*Percentage*	*Number*	*Percentage*
$0-9,999	2,675	3.7%	2,395	3.2%	-56	-2.1%
$10,000-19,999	3,777	5.3%	3,219	4.3%	-112	-3.0%
$20,000-29,999	4,752	6.6%	4,097	5.5%	-131	-2.8%
$30,000-39,999	4,501	6.3%	4,147	5.5%	-71	-1.6%
$40,000-49,999	4,884	6.8%	4,298	5.8%	-117	-2.4%
$50,000-59,999	5,170	7.2%	4,793	6.4%	-75	-1.5%
$60,000-74,999	6,613	9.2%	6,332	8.5%	-56	-0.9%
$75,000-99,999	10,360	14.5%	9,571	12.8%	-158	-1.5%
$100,000-124,999	8,290	11.6%	8,594	11.5%	61	0.7%
$125,000-149,999	6,255	8.7%	7,078	9.5%	165	2.6%
$150,000-199,999	6,284	8.8%	8,045	10.8%	352	5.6%
$200,000+	8,061	11.3%	12,178	16.3%	824	10.2%
Total	**71,623**	**100.0%**	**74,749**	**100.0%**		

Source: Ribbon Demographics 2014, Novogradac & Company LLP, April 2015

The largest owner income cohort in the PMA is also the $75,000-$99,999 bracket, which contains 14.5 percent of the household population in 2014. In the PMA, 71.3 percent of the total owner households in the PMA earn at least $50,000 annually.

Conclusion

The demographic data demonstrates that the PMA and MSA are forecast for a steady increase in population and households through 2019. The PMA is expected to gain 3,126 owner-occupied households households through 2019. The median household income in the PMA is higher than in the MSA and nation. The Demand Analysis section will demonstrate a sufficient amount of income-qualified households presently exist for the Subject's affordable and market-rate condominiums.

LOCAL HOUSING TRENDS AND INTERVIEWS

LOCAL HOUSING TRENDS AND INTERVIEWS

Tenure Patterns

The table below illustrates the breakdown by household tenure within the PMA for the years 2000, 2014, and 2019.

TENURE PATTERNS PMA

Year	Owner-Occupied Units	Percentage Owner-Occupied	Renter-Occupied Units	Percentage Renter-Occupied
2000	65,848	47.1%	73,870	52.9%
2014	71,623	47.5%	79,282	52.5%
2019	74,749	47.4%	82,819	52.6%

Source: ESRI Demographics 2014, Novogradac & Company LLP, April 2015

As illustrated above, approximately 47.5 percent of households in the PMA are owner-occupied as of 2014; this percentage is projected to remain essentially stable through 2019 and the total number of owner and renter-occupied units is projected to increase.

Building Permits

The table below illustrates the number of permits issued in Honolulu County, Hawaii since 2003. It should be noted that 2014 data is "reported only" data through December.

BUILDING PERMITS: HONOLULU COUNTY - 2003 to 2014*

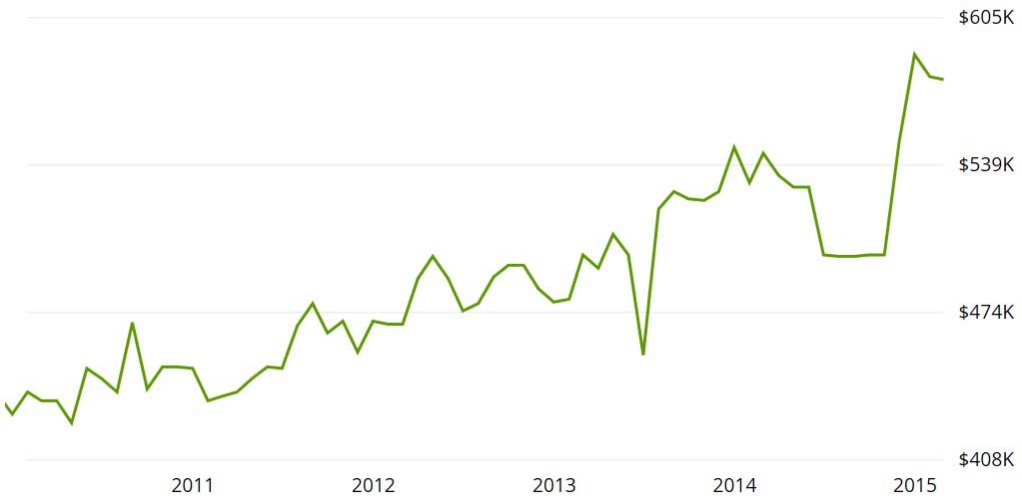
Year	Single-family and Duplex	Three and Four-Family	Five or More Family	Total Units
2003	2,994	12	567	3,573
2004	1,906	108	2,070	4,084
2005	2,079	160	1,749	3,988
2006	1,727	0	879	2,606
2007	566	148	1,158	1,872
2008	588	0	265	853
2009	870	20	146	1,036
2010	889	0	1,002	1,891
2011	734	9	981	1,724
2012	994	35	695	1,724
2013	1,139	18	1,484	2,641
2014*	887	0	691	1,578
Total	**15,373**	**510**	**11,687**	**27,570**
Average	**1,281**	**43**	**974**	**2,363**

*Only includes reported permits through December 2014

Building permit information presented in the previous table indicates that the national recession greatly impacted development from 2007 to present. Single-family homes and complexes with five or more units are dominant in Honolulu County. It appears that single-family homes have been more negatively affected by the economic downturn.

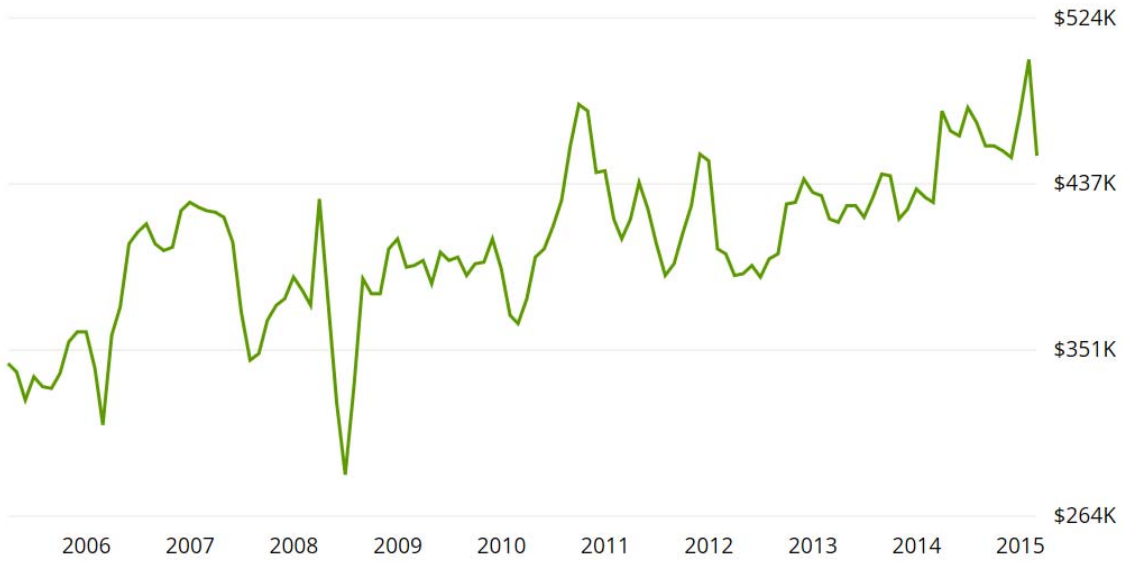
Condominium Housing Activity
The following tables and discussion illustrates the historical performance of the Honolulu condominium market.

Median List Price – Condominium/Co-op
City of Honolulu, HI
Source: Zillow.com 2/2015.



As illustrated, the median listing price at the beginning of February 2015 was $578,000, an increase of 5.7 percent since February 2014.

Median Sales Price – Condominium/Co-op
City of Honolulu, HI
Source: Zillow.com 2/2015.



The median sales price for condominiums in Honolulu for February 2015 was $452,000. This represents an increase of 5.9 percent compared to February 2014. Historically, sales prices have appreciated 13.1 percent over the last five years in Honolulu. The median listing price for Honolulu condominiums for sale on Zillow was $578,000 for the week ending February 28, 2015, which is a 5.9 percent increase since February of 2014.

Average Price per Square Foot – Condominium/Co-op
City of Honolulu, HI
Source: Zillow.com 2/2015.

The average price per square foot in the city has been generally increasing steadily after reaching a low in June 2008 of $408. The average price per square foot in Honolulu was $534 as of February 2015, an increase of 3.2 percent, year-over-year.

Recent and Proposed Construction
We contacted Mike Watkins with the Planning Department at the City and County of Honolulu to determine if any multifamily developments are proposed or under construction within the PMA. Mr. Watkins provided details a several development presented on the list on the following page. In addition, we have added one development that the Subject's sponsor intends to build, Ohana Hale. The following table summarizes condominium projects that are under construction, approved, or proposed in the PMA.

PLANNED AND PROPOSED CONDOMINIUM DEVELOPMENTS

Project Name	Design	Type	Units	Timing	Status	Unsold Affordable Units	Unsold Unrestricted Units
801 South Block A*	Highrise	Affordable	635	Jul-15	Under Construction	0	0
802 South Block B*	Highrise	Affordable	410	Jul-15	Under Construction	0	0
Symphony Honolulu*	Highrise	Affordable/Market	388	Apr-15	Under Construction	0	43
400 Keawe Street*	Midrise	Affordable/Market	95	Dec-15	Under Construction	17	23
The Collection*	Highrise/Townhome	Market	466	Dec-16	Under Construction	0	149
Keauhou Place*	Highrise/Loft/Townhome	Market	435	Jul-17	Under Construction	0	435
404 Ward	Highrise	Affordable/Market	424	N/Av	Approved	375	49
Vida 888 Ala Moana	Highrise	Market	265	2017	Proposed	0	265
Ohana Hale**	Highrise	Affordable/Market	180	2017	Proposed	108	72
Aloha Kai	Highrise	Market	128	2017	Proposed	0	128
Park Lane at Ala Moana	Highrise	Market	215	2017	Proposed	0	0
Ritz Carlton Residences I	Highrise	Market	308	2016	Under Construction	0	0
Ritz Carlton Residences II	Highrise	Market	246	2017	Under Construction	0	246
Waiea	Highrise	Market	171	2016	Under Construction	0	20
Anaha	Highrise	Market	311	2017	Under Construction	0	63
		Totals	**4,820**			**500**	**1,637**

*Has been examined as a comparable

**Will be developed by the sponsor

There is a current pipeline of 500 affordable condominium units and 1,637 unrestricted condominium units yet to be sold in the market. We have deducted the pipeline inventory from our condominium demand calculations accordingly.

The following is a summary of the properties that were excluded in our analysis either because they were not actively preselling units or they are ultra-luxury condominiums with service amenities that are not comparable to the Subject.

EXCLUDED PROPERTIES

Property Name	Design	Type	Units	Timing	Status	Reason For Exclusion
404 Ward	Highrise	Affordable/Market	424	N/Av	Approved	Not in presale
Aloha Kai	Highrise	Market	128	2017	Proposed	Not in presale
Vida 888 Ala Moana	Highrise	Market	265	2017	Proposed	Not in presale
Park Lane at Ala Moana	Highrise	Market	215	2017	Proposed	Ultra-luxury, not comparable
Ritz Carlton Residences I	Highrise	Market	308	2016	Under Construction	Ultra-luxury, not comparable
Ritz Carlton Residences II	Highrise	Market	246	2017	Under Construction	Ultra-luxury, not comparable
Waiea	Highrise	Market	171	2016	Under Construction	Ultra-luxury, not comparable
Anaha	Highrise	Market	311	2017	Under Construction	Ultra-luxury, not comparable

CONDOMINIUM HOUSING ANALYSIS

CONDOMINIUM HOUSING ANALYSIS

SURVEY OF COMPARABLE PROJECTS

Comparable properties are examined on the basis of physical characteristics, i.e. building type, age/quality, level of common amenities, absorption, as well as similarity in sales price. We attempted to compare the Subject to properties from the competing market to provide a picture of the health and available supply in the market.

Description of Property Types Surveyed

To evaluate the competitive position of the Subject, we performed a field survey of currently active new condominium communities as well as recently completed condominiums. Comparable properties are examined on the basis of physical characteristics, i.e. building type, age/quality, level of common amenities, absorption, as well as similarity in rent. We attempted to compare the Subject to properties from the competing market area to provide a picture of the health and available supply in the market. The following pages include a summary of comparable properties and individual property profiles. A map of the comparables, in relation to the Subject, is included on the following page as well.

Map of Comparable Condominium Properties

COMPARABLE CONDOMINIUM PROPERTIES

Map #	Property Name	Status*	Year Built	Units	Stories	Distance from Subject
1**	400 Keawe Street	Active	2016	95	6	0.4 miles
2**	801 South Block A	Active	2015	635	46	0.2 miles
3**	801 South Block B	Active	2016	410	46	0.2 miles
4**	Keauhou Place	Active	2017	423	43	0.3 miles
5**	Symphany Honolulu	Active	2016	388	45	0.1 miles
6	The Collection	Active	2016	466	43	0.5 miles
7	Allure Waikiki	Completed	2010	291	35	1.7 miles
8	Capitol Place	Completed	2008	384	39	1.3 miles
9	Holomua	Completed	2013	176	23	2.1 miles
10	Keola L'ai	Completed	2008	341	43	0.5 miles
11	One Ala Moana	Completed	2014	205	23	0.2 miles
12	Pacifica Honolulu	Completed	2011	492	46	0.4 miles
13**	Rycroft Terrace	Completed	1963/2014	162	5	0.9 miles
14	The Cove Waikiki	Completed	2014	117	5	2.1 miles
15	The Watermark	Completed	2008	196	38	2.7 miles
16	Waihonua	Completed	2015	342	44	0.7 miles

*Active projects are pending construction completion and no closed sales have occurred

**Active or recently sold affordable condominium units restricted at 80 to 140 percent AMI

Comparable # 1

400 Keawe Street

Status	Active
Location	400 Keawe Street Honolulu, HI 96813 Honolulu County
Units	95
Type	Midrise
Stories	6
Marketing Began	Oct-14
Last Unit Sold	N/Ap
Construction Begins	Dec-14
Construction Completes	Dec-15
Percent Sold	50%
Sales Pace/Month	8
Monthly Maintenance Fee	$0.50
Contact Name	Kelly-Ann Chandler- RCC
Phone	808-222-3352

Unit Mix

Beds	Baths	Units	Size (SF)	Pricing	Average Price Per Square Foot
1	1	15	583-722	Average Price $463,000	$710
1*	1	5	583-722	Average Price $388,000	$595
2	2	45	852-1,124	Average Price $674,000	$682
2*	2	10	852-1,124	Average Price $512,000	$518
3	2	15	1,007-1,394	Average Price $774,000	$645
3*	2	5	1,007-1,394	Average Price $589,000	$491

*Affordable units at 140% AMI

Amenities

In-Unit Amenities	Balcony/patio Carpeting Central A/C Dishwasher Garbage Disposal Microwave Oven Refrigerator Walk-In Closet Washer/Dryer	**Security**	Limited Access Video Surveilance
Property	Elevators Garage Recreation Areas On-Site Management Off-street parking	**Premium**	none
Services	none	**Other**	none

Comments

Maintenance fees are $0.50 per square foot and cover water, sewer, trash, lobby fees, and Kaka'ako Properties Association fees. There is an average view premium of approximately $2,000 per floor. The property has 20 affordable units reserved for home buyers earning less that 140% AMI and must qualify under HCDA requirements. Management stated seven of the 20 affordable units have sold. Management would not disclose tenant information. According to the property website, there will be one parking space included with one and two bedroom units, and two parking spaces included with three-bedroom units.

Comparable # 2

801 South Street Block A

Status	Active
Location	801 South Street Honolulu, HI 96813 Honolulu County
Units	635
Type	Highrise
Stories	46
Marketing Began	Mar-13
Last Unit Sold	Jun-13
Construction Begins	Jun-13
Construction Completes	Jun-15
Percent Sold	100%
Sales Pace/Month	212
Monthly Maintenance Fee	$0.48 to $0.51 per square foot
Contact Name	Jason - Marcus & Associates
Phone	808-203-6948

Unit Mix

Beds	Baths	Units	Size (SF)	Pricing	Pricing Per Square Foot
0*	1	90	384	$253,200 to $290,400	$659 to $756
1*	1	271	495-522	$325,400 to $381,200	$657 to $730
2*	1	46	714	$405,800 to $467,900	$568 to $655
2*	1.5	45	776	$394,000 to $482,400	$508 to $622
2*	2	183	816	$422,900 to $501,300	$518 to $614

*Affordable units at 100% to 140% AMI

Amenities

In-Unit Amenities	Balcony/patio Carpeting Central A/C Dishwasher Exterior Storage Garbage Disposal Microwave Oven Refrigerator Walk-In Closet Washer/Dryer	**Security**	Limited Access
Property	Elevators Garage Meeting Rooms On-Site Management Off-Street Parking Picnic Area	**Premium**	none
Services	none	**Other**	none

Comments

Maintenance fees are $0.48 to $0.51 per square foot and cover water, sewer, trash, common area maintenance, common area insurance, and staff salaries. There is a $500 to $600 per floor premium for studios, $900 to $1,000 per floor premium for one-bedroom, $1,200 to $4,000 per floor premium for two-bedroom units. There is an estimated one percent premium for Diamond Head/ocean views. The property is being offered as workforce housing and the initial sales of units were restricted to families earning 100 to 140 percent of the AMI or less under HDCA. After one year of owner-occupancy, the units may transfer without restriction. The contact stated the tenants will begin to move in toward the middle of June. All units will include one parking space along with additional spaces that can be purchased for $20,000.

Comparable # 3

801 South Street Block B

Status	Active
Location	801 South Street Honolulu, HI 96813 Honolulu County
Units	410
Type	Highrise
Stories	46
Marketing Began	Apr-14
Last Unit Sold	Jun-14
Construction Begins	Nov-14
Construction Completes	Summer 2016
Percent Sold	100%
Sales Pace/Month	137
Monthly Maintenance Fee	$0.48 to $0.51 per square foot
Contact Name	Jason - Marcus & Associates
Phone	808-203-6948

Unit Mix

Beds	Baths	Units	Size (SF)	Pricing	Pricing Per Square Foot
1*	1	90	578-594	$352,400 to $424,000	$610 to $714
2*	1.5	90	835-840	$430,100 to $518,700	$515 to $618
2*	2	180	849-876	$443,000 to $554,500	$522 to $633
3*	2	45	1,220-1,228	$617,600 to $699,050	$506 to $569

*Affordable units at 100% to 140% AMI

Amenities

In-Unit Amenities	Balcony/patio Carpeting Central A/C Dishwasher Exterior Storage Garbage Disposal Microwave Oven Refrigerator Walk-In Closet Washer/Dryer	**Security**	Limited Access
Property	Elevators Garage Meeting Rooms On-Site Management Off-Street Parking Picnic Area	**Premium**	none
Services	none	**Other**	none

Comments

Maintenance fees are $0.48 to $0.51 per square foot and cover water, sewer, trash, common area maintenance, common area insurance and staff salaries. There is a $500 to $600 per floor premium for studios, $900 to $1,000 per floor premium for one-bedroom, $1,200 to $4,000 per floor premium for two-bedroom units. There is an estimated one percent premium for Diamond Head/ocean view. The property is being offered as workforce housing and the initial sales of units were restricted to families earning 100 to 140 percent of the AMI or less under HCDA. After one year of owner-occupancy, the units may transfer without restriction. All units will include one parking space along with additional spaces that can be purchased for $20,000.

Comparable # 4

Keauhou Place

Status	Active
Location	555 South Street Honolulu, HI 96813 Honolulu County
Units	423
Type	Highrise
Stories	43
Marketing Began	Feb-15
Last Unit Sold	N/A
Construction Begins	Mid 2015
Construction Completes	Mid 2017
Percent Sold	50%
Sales Pace/Month	106
Monthly Maintenance Fee	$0.70 to $0.80 per square foot
Contact Name	Jason - Kakaako Properties
Phone	808-439-8300

Unit Mix

Beds	Baths	Units	Size (SF)	Pricing	Average Starting Price per Sqaure Foot
1	1	90	567 to 768	Starting at High $400,000	$838
1*	1	43	567 to 768	Starting at Low $400,000	$705
2	2	173	906 to 1,157	Starting Low to Mid $600,000	$717
2*	2	42	906 to 1,157	Starting Low $500,000	$552
2TH	2.5	N/A	928 to 1,173	Starting Mid $600,000	$700
3	2	40	1,354 to 1,442	Starting Mid $800,000	$628
3TH	2.5	N/A	1,463 to 1,629	Starting Mid $900,000	$647

*Affordable units at 140%

Amenities

In-Unit Amenities	Balcony/patio Carpeting Central A/C Dishwasher Exterior Storage Garbage Disposal Microwave Oven Refrigerator Walk-In Closet Washer/Dryer	**Security**	Limited Access Video surveillance
Property	Elevators Garage Communitt Rooms Exercise Facility On-Site Management Off-Street Parking Picnic Area Recreation Areas Swimming Pool Spa	**Premium**	none
Services	none	**Other**	Putting green

Comments

Maintenance fees are $0.70 to $0.80 per square foot and cover water, sewer, trash, common area maintenance, internet/basic cable, and association fees. The contact stated there would be view premiums but would not disclose the amount. A total of 85 one and two-bedroom units will be set aside for reserve housing for area buyers earning less that 140% AMI and must qualify under HCDA reserve housing requirements. These units will start in the low $400,000's for one-bedroom units and low $500,000's for two-bedroom units. The contact estimated half will be one-bedrooms and the other half will be two-bedrooms. These units will go on sale in late April. The contact indicated there will be a 200 sq ft. (approx.) lanai for most units.

Comparable # 5

Symphony Honolulu

Status	Active
Location	888 Kapiolani Blvd Honolulu, HI 96814 Honolulu County
Units	388
Type	Highrise
Stories	45
Marketing Began	Jun-13
Last Unit Sold	N/A
Construction Begins	Nov-13
Construction Completes	Apr-16
Percent Sold	85%
Sales Pace/Month	16
Monthly Maintenance Fee	$0.66 per square foot
Contact Name	Todd - Inspiration at HDC
Phone	808-596-8688

Unit Mix

Beds	Baths	Units	Size (SF)	Pricing	Pricing Per Square Foot
1	1	14	672	Starting at $530,000	Starting at $788
1*	1	38	672	Starting at $390,000	Starting at $580
2	2	179	922-1,724	Starting at $650,000	Starting at $705
2*	2	62	922-1,724	Starting at $490,000	Starting at $534
3	2	90	1,454-1,520	Starting at $880,000	Starting at $605
3	3	3	1,621-1,781	$1,850,000	Not Available
3	3.5	2	2,053	$1,600,000	Starting at $779

*Affordable units at 100% to 140% AMI

Amenities

In-Unit Amenities	Balcony/patio Carpeting Central A/C Dishwasher Exterior Storage Garbage Disposal Microwave Oven Refrigerator Walk-In Closet Washer/Dryer	**Security**	Limited Access Security Patrol Video Surveillance
Property	Business Center Clubhouse Courtyard Elevators Garage Jacuzzi Meeting Rooms On-Site Management Off-Street Parking Picnic Area Swimming Pool	**Premium**	none
Services	none	**Other**	none

Comments

Maintenance fees are $0.66 per square foot and cover water, sewer, trash, cable, internet, common area maintenance, common area insurance and staff salaries. One-hundred units are reserved for owner occupants who earn $108,000 or less as a single person, or $120,000 or less as a two-person household. The contact stated the affordable units were sold in approximately four to six months based on a lottery system. Pricing between 100 and 140 percent AMI was unavailable. There is a floor premium of approximately $5,700, or approximately one percent, per floor. According to the contact, a Diamond Head view (approximately 15 percent premium) is most expensive, and ocean (approximately 10 percent premium), mountain and ewa views (both similarly priced) are progressively less expensive. An estimated 70 percent of buyers are from the Honolulu area, with remaining buyers from the United State mainland and Asia. An estimated 75 percent of buyers are current homeowners and 25 percent are current renters. The contact also stated there will be one parking space provided for every one-bedroom unit and two spaces provided for every two and three-bedroom unit. There will be a limited number of spaces available for guests and for purchase; however, the price was unknown.

Comparable # 6

The Collection

Status	Active
Location	600 Ala Moana Boulevard Honolulu, HI 96813 Honolulu County
Units	466
Type	Highrise
Stories	43
Marketing Began	Aug-13
Last Unit Sold	N/A
Construction Begins	Sep-14
Construction Completes	Dec-16
Percent Sold	95%
Sales Pace/Month	22
Monthly Maintenance Fee	$0.83 per square foot
Contact Name	Rosie - Heyer & Associates
Phone	808-548-0260

Unit Mix

Beds	Baths	Units	Size (SF)	Pricing	Pricing Per Square Foot
1	1	86	579-700	High $300,000's to low $500,000's	$650 to $750
2	2	236	870-959	Mid $500,000's to high $800,000's	$650 to $900
3	2	75	1,133-1,217	Mid $700,000's to high $900,000's	$650 to $800

Amenities

In-Unit Amenities		**Security**	Limited Access
	Carpeting Central A/C Dishwasher Exterior Storage Garbage Disposal Microwave Oven Refrigerator Walk-In Closet Washer/Dryer		
Property	Clubhouse Elevators Exercise Facility Meeting Rooms On-Site Management Off-street Parking Picnic Area Playground Swimming Pool	**Premium**	none
Services	none	**Other**	none

Comments

Maintenance fees are $0.83 per sqare foot plus $61 per unit ($46 for cable and internet, $15 for Kaka'ako Association Fee). The maintenance fees cover water, sewer, trash, common area maintenance, building operations and insurance on the structure. There is a floor premium of approximately 1% per floor; additionally, the Diamond Head/ocean view side of the building has an extra premium of approximately 1% per floor. One-bedroom units are provided with one parking space and a storage locker, while two and three-bedroom units are provided with two parking spaces and a storage locker. The contact stated there will be 24 guest parking spaces and a limited number of additional spaces residents could purchase. However, the price and quantity is still unknown.

Allure Waikiki

Status	Completed
Location	1837 Kalakaua Avenue Honolulu, HI 96815 Honolulu County
Units	291
Type	Highrise
Stories	35
Year Built / Renovated	2010
Presale Period	N/Av
First Unit Closed	May-10
Last Unit Closed	Oct-11
Average Monthly Absorption	17 units
Major Competitors	The Watermark
Tenant Characteristics	Not Identified
Contact Name	Lauren - Intracorp
Phone	949-955-2370

Unit Mix

Beds	Baths	Units	Size (SF)	Average Initial Price	Average Initial Price per Square Foot	Average 2014/2015 Resale Price	Average 2014/2015 Resale Price per Square Foot	Monthly Maintenance Fee	Monthly Maintenance fee per Square Foot
1	1.5	9	833	$539,204	$647	$679,666	$816	$650	$0.78
2	2	26	951	$571,896	$601	None	N/Ap	$742	$0.78
2	2	16	1,009	$553,862	$549	$940,000	$932	$787	$0.78
2	2	18	1,049	$717,021	$684	None	N/Ap	$818	$0.78
2	2	60	1,057	$638,376	$604	$913,600	$864	$824	$0.78
2	2	30	1,102	$606,507	$550	$958,000	$869	$860	$0.78
2	2	19	1,113	$624,128	$561	$1,023,000	$919	$868	$0.78
2	2	29	1,216	$633,667	$521	$975,000	$802	$948	$0.78
2	2	30	1,234	$697,207	$565	$1,536,250	$1,245	$963	$0.78
2	2	30	1,381	$714,486	$517	$1,049,950	$760	$1,077	$0.78
3	2	11	1,409	$799,121	$567	None	N/Ap	$1,099	$0.78
3	2	12	1,633	$947,768	$580	$1,468,700	$899	$1,274	$0.78
3	2	1	1,837	$696,003	$379	None	N/Ap	$1,433	$0.78

Resale Values

According to public records, 20 units have resold to date. On average, the resale prices by unit type range from 11.0 to 72.2 percent higher than the initial sale, with an average increase of 46.1 percent.

Amenities

In-Unit Amenities:

- Balcony/Patio
- Blinds
- Central A/C
- Coat Closet
- Dishwasher
- Ceiling Fan
- Garbage Disposal
- Microwave
- Oven
- Refrigerator
- Walk-In Closet
- Washer/Dryer
- Washer/Dryer Hook-Ups

Security:

- Limited Access

Community Amenities:

- Clubhouse
- Courtyard
- Elevators
- Exercise Facility
- Garage
- Jacuzzi
- Meeting Rooms
- Off-Street Parking
- On-Site Management
- Picnic Area
- Recreation Area
- Sauna
- Swimming Pool

Services:

- None

Comments

According the the property manager, the building is approximately 60 percent owner-occupied. The maintenance fees are approximataly $0.78 per square foot and cover water, sewer, trash, basic cable and internet and the association's insurance and operation costs. The untis including one parking space.

Comparable # 8

Capitol Place

Status	Completed
Location	1200 Queen Emma Street Honolulu, HI 69813 Honolulu County
Units	384
Type	Highrise
Stories	39
Year Built / Renovated	2008
Presale Period	N/Av
First Unit Closed	Feb-08
Last Unit Closed	Dec-09
Average Monthly Absorption	18 units per month
Major Competitors	Not identified
Tenant Characteristics	Not identified
Contact Name	Jeff
Phone	808-593-6369

Unit Mix

Beds	Baths	Units	Size (SF)	Average Initial Price	Average Initial Price per Square Foot	Average 2014/2015 Resale Price	Average 2014/2015 Resale Price per Square Foot	Monthly Maintenance Fee	Monthly Maintenance Fee Per Square Foot
1	1	53	633	$418,293	$661	$496,333	$784	$475	$0.75
1	1	12	729	$559,281	$767	$575,000	$789	$547	$0.75
1	1	6	1,024	$649,242	$634	$740,000	N/A	$768	$0.75
2	1	27	805	$507,083	$630	$606,667	$754	$604	$0.75
2	1	27	857	$541,772	$632	$622,500	$726	$643	$0.75
2	1	6	963	$623,537	$647	N/A	N/A	$722	$0.75
2	2	26	1,034	$690,949	$668	$760,000	$735	$776	$0.75
2	2	26	1,040	$699,454	$673	$778,500	$749	$780	$0.75
2	2	54	1,049	$640,446	$611	$750,000	$715	$787	$0.75
2	2	27	1,085	$622,158	$573	$713,750	$658	$814	$0.75
2	2	6	1,103	$656,925	$596	$785,000	$712	$827	$0.75
2	2	6	1,203	$856,417	$712	$590,000	$490	$902	$0.75
2	2	6	1,215	$845,992	$696	$950,000	$782	$911	$0.75
2	2	12	1,268	$810,419	$639	$868,000	$685	$951	$0.75
3	2	27	1,253	$807,047	$644	$816,000	$651	$940	$0.75
3	2	27	1,288	$842,639	$654	$948,333	$736	$966	$0.75
3	2	27	1,292	$822,454	$637	$862,500	$668	$969	$0.75
3	2	6	1,417	$1,004,058	$709	N/A	N/A	$1,063	$0.75
3	2	6	1,457	$1,067,867	$733	N/A	N/A	$1,093	$0.75
3	2	6	1,493	$1,043,125	$699	$1,300,000	$871	$1,120	$0.75

Resale Values

According to public records, 37 units have resold in 2014 and 2015. On average, the resale prices by unit type are 27.8 percent lower to 45.4 percent higher than the initial sale, with an average price increase of 15.0 percent.

Amenities

In-Unit Amenities:

- Balcony/Patio
- Blinds
- Carpet
- Central A/C
- Coat Closet
- Dishwasher
- Ceiling Fan
- Garbage Disposal
- Microwave
- Oven
- Refrigerator
- Walk-In Closet
- Washer/Dryer
- Washer/Dryer Hook-Ups

Security:

- Limited Access
- Patrol

Community Amenities:

- Business Center
- Clubhouse
- Courtyard
- Elevators
- Exercise Facility
- Exterior Storage
- Garage
- Jacuzzi
- Meeting Rooms
- Off-Street Parking
- On-Site Management
- Picnic Area
- Playground
- Swimming Pool
- Theatre

Services:

- None

Comments

Maintenance fees are approximately $0.75 per square foot, which covers water, sewer, trash, common area insurance and operation costs. The contact explained parking varies by unit and by home owner but generally one parking space comes with one-bedroom units and two parking spaces come with two and three-bedroom units. Parking spaces can be sold and purchased through a private party and pricing was unavailable.

Comparable # 9

Holomua

Status	Completed
Location	1315 Kalakaua Avenue Honolulu, HI 96826 Honolulu County"
Units	176
Type	Highrise
Stories	23
Year Built / Renovated	2013
Presale Period	June 2009 to August 2009
First Unit Closed	N/A
Last Unit Closed	N/A
Average Monthly Absorption	88 units presold per month
Major Competitors	Capitol Place, Pacifica
Tenant Characteristics	Not Identified
Contact Name	Barry
Phone	808-864-1500

Unit Mix (face rent)

Beds	Baths	Units	Size (SF)	Average Initial Price (Market Rate Units)	Market Rate Price/SF	Average Initial Price (Affordable Units)	Affordable Price/SF
1	1	N/A	354-619	$320,100 to 364,100	$588 to $904	$239,900 to $332,700	$537 to $678
2	1	N/A	705	$386,300 to $435,800	$548 to $618	$336,000 to $393,400	$477 to $558
2	2	N/A	752-790	$421,800 to $467,700	$561 to $592	$334,700 to $391,200	$445 to $495

Resale Values

According to public records, there have been no condo resales in 2014 or 2015.

Amenities

In-Unit Amenities:

- Balcony/patio
- Carpeting
- Dishwasher
- Garbage Disposal
- Microwave
- Oven
- Refrigerator
- Walk-In Closet
- Wall A/C
- Washer/Dryer

Security:

- Limited Access
- Security Patrol
- Video Surveillance

Community Amenities:

- Business Center
- Clubhouse
- Courtyard
- Elevators
- Garage
- Meeting Rooms
- On-Site Management
- Off-Street Parking
- Meeting Rooms

Services:

- None

Comments

The property opened in July 2013; however, no closed sales activity has been recorded by the assessor. Maintenance fees range from $186 to $397 depending on unit size and cover water, sewer, trash and common area manintenance and insurance. Of the 114 units, 90 units are restricted to owner-occupants who earn less than 140 percent of AMI. There was an approximate $1,000 per floor premium. It was explained that there were no view premiums; however, market rate units were provided ocean views, while affordable units were provided mountain views.

Comparable # 10

Keola L'ai

Status	Completed
Location	600 Queen Street Honolulu, HI 96813 Honolulu County
Units	341
Type	Highrise
Stories	43
Year Built / Renovated	2008
Presale Period	N/Av
First Unit Closed	Jan-08
Last Unit Closed	Apr-09
Average Monthly Absorption	21 to 22 units per month
Major Competitors	Capitol Place, Pacifica
Tenant Characteristics	Not Identified
Contact Name	Kolani
Phone	(808) 524-0600

Unit Mix (face rent)

Beds	Baths	Units	Size (SF)	Average Initial Price	Average Initial Price per Square Foot	Average 2014/2015 Resale Price	Average 2014/2015 Resale Price per Square Foot	Monthly Maintenance Fee	Monthly Maintenance Fee Per Square Foot
1	1	30	673	$464,538	$690	$505,000	$750	$532	$0.79
1	1	30	686	$417,023	$608	$512,000	$746	$542	$0.79
2	1	5	780	$344,086	$441	None	N/Ap	$616	$0.79
2	1	5	785	$344,086	$438	None	N/Ap	$620	$0.79
2	1	10	876	$354,086	$404	None	N/Ap	$692	$0.79
2	1	10	881	$354,086	$402	None	N/Ap	$696	$0.79
2	2	30	934	$498,552	$534	$587,500	$629	$738	$0.79
2	2	31	953	$573,600	$602	$672,500	$706	$753	$0.79
2	2	31	993	$703,185	$708	$695,000	$700	$784	$0.79
2	2	91	1,022	$712,856	$698	$760,750	$744	$807	$0.79
2	2	29	1,045	$568,172	$544	$689,500	$660	$826	$0.79
2	2	2	2,235	$1,880,000	$841	None	N/Ap	$1,766	$0.79
3	2	37	1,402	$977,700	$697	$1,050,000	$749	$1,108	$0.79

Resale Values

According to public records, 19 units have resold from . On average, the resale prices by unit type are 12.3 percent lower to 62.0 percent higher than the initial sale, with an average price increase of 12.7 percent.

Amenities

In-Unit Amenities:

- Balcony/Patio
- Blinds
- Carpet
- Central A/C
- Coat Closet
- Dishwasher
- Ceiling Fan
- Garbage Disposal
- Microwave
- Oven
- Refrigerator
- Walk-In Closet
- Washer/Dryer
- Washer/Dryer Hook-Ups

Security:

- Limited Access
- Patrol

Community Amenities:

- Clubhouse
- Courtyard
- Elevators
- Exercise Facility
- Exterior Storage
- Garage
- Jacuzzi
- Meeting Rooms
- Off-Street Parking
- On-Site Management
- Picnic Area
- Swimming Pool

Services:

- None

Comments

Maintenance fees are approximately $0.79 per square foot and cover water, sewer, trash, broadband internet, and common area insurance and operation costs. The contact explained there are approximately 500 spaces on the property with one space for every one-bedroom unit and two spaces for every two and three-bedroom unit. The remaining spaces are guest parking spaces.

Comparable # 11

One Ala Moana

Status	Active
Location	1519 Kapiolani Blvd (Approx) Honolulu, HI 96814 Honolulu County
Units	205
Type	Highrise
Stories	23
Year Built / Renovated	2014
Presale Period	Dec-11 to
First Unit Closed	Nov-14
Last Unit Closed	Dec-14
Average Monthly	102
Major Competitors	Waihonua
Tenant Characteristics	None
Contact Name	Kenae M
Phone	808-440-1066

Unit Mix

Beds	Baths	Units	Size (SF)	Average Initial Price	Average Initial Price per Square Foot	Average 2014/2015 Resale Price	Average 2014/2015 Resale Price per Square Foot	Monthly Maintenance Fee	Monthly Maintenance fee per Square Foot
1	1	1	704	$618,000	$878	$885,000	$1,257	$753	$1.07
1	1	28	766	$653,815	$854	$857,000	$1,119	$820	$1.07
1	1	25	881	$736,395	$836	$885,000	$1,005	$943	$1.07
2	2	1	1,153	$776,750	$674	None	N/Ap	$1,234	$1.07
2	2	27	1,161	$980,144	$844	None	N/Ap	$1,242	$1.07
2	2	25	1,152	$1,469,483	$1,276	None	N/Ap	$1,233	$1.07
2	2	25	1,280	$1,688,560	$1,319	None	N/Ap	$1,370	$1.07
2	2.5	24	1,464	$1,980,521	$1,353	None	N/Ap	$1,566	$1.07
3	3	24	1,800	$1,873,911	$1,041	None	N/Ap	$1,926	$1.07
3	3	5	1,882	$3,503,800	$1,862	None	N/Ap	$2,014	$1.07
3	3	1	1,186	$2,196,000	$1,852	None	N/Ap	$1,269	$1.07
3	3	2	1,953	$2,059,500	$1,055	$3,200,000	$1,639	$2,090	$1.07
3	3	6	2,114	$3,754,000	$1,776	None	N/Ap	$2,262	$1.07
3	3	2	2,622	$3,038,500	$1,159	None	N/Ap	$2,806	$1.07
3	3	4	2,677	$2,916,000	$1,089	None	N/Ap	$2,864	$1.07
3	3	4	4,069	$8,799,444	$2,163	None	N/Ap	$4,354	$1.07

Resale Value

According to public record, there have been seven resales since the proeprty opened. On average, the resale value by unit type has increased 29 to 48 percent with an average appreciation of 37 percent since initially opening.

Amenities

In-Unit		**Security**	Limited Access
	Carpeting		Security Patrol
	Central A/C		Video Surveillance
	Dishwasher		
	Exterior Storage		
	Garbage Disposal		
	Microwave		
	Oven		
	Refrigerator		
	Walk-In Closet		
	Washer/Dryer		
Property	Business Center	**Premium**	none
	Clubhouse		
	Courtyard		
	Elevators		
	Garage		
	Jacuzzi		
	Meeting Rooms		
	On-Site Management		
	Off-Street Parking		
	Picnic Area		
	Playground		
	Recreation Area		
	Swimming Pool		
	Theatre		
Services	none	**Other**	none

Comments

Maintenance fees range from $1.07 to 1.09 per squre foot and covers cable, gas, internet, water, community room/pool fees, and association fees The property was fully pre-sold on the opening day. According to the broker, there is a premium for Diamond Head and ocean views. All units include at least one garage parking space.

Comparable # 12

Pacifica Honolulu

Status	Completed
Location	1009 Kapiolani Blvd Honolulu, HI 96814 Honolulu County
Units	492
Type	Highrise
Stories	46
Year Built / Renovated	2011
Presale Period	April-09
First Unit Closed	Aug-11
Last Unit Closed	Aug-12
Average Monthly Absorption	41 units per month
Major Competitors	Not Identified
Tenant Characteristics	Not Identified
Contact Name	Leon - Pacifica Honolulu
Phone	808-591-9222

Unit Mix

Beds	Baths	Units	Size (SF)	Average Initial Price	Average Initial Price per Square Foot	Average 2014/2015 Resale Price	Average 2014/2015 Resale Price per Square Foot	Monthly Maintenance Fee	Monthly Maintenance fee per Square Foot
1	1	18	661	$466,343	$706	$563,500	$852	$469	0.71
1	1	21	663	$470,636	$710	$609,500	$919	$471	0.71
1	1	30	732	$448,508	$613	$582,000	$795	$520	0.71
2	2	74	728	$433,834	$596	$632,000	$868	$517	0.71
2	2	82	747	$451,218	$604	$638,111	$854	$530	0.71
2	2	35	798	$485,921	$609	$640,000	$802	$567	0.71
2	2	75	899	$521,959	$581	$719,563	$800	$638	0.71
2	2	33	986	$556,508	$564	$753,800	$765	$700	0.71
2	2	5	993	$663,422	$668	$840,000	$846	$705	0.71
2	2	40	1,033	$547,300	$530	$696,714	$674	$733	0.71
2	2	26	1,056	$600,711	$569	None	N/Ap	$750	0.71
2	2	20	1,130	$711,383	$630	$870,000	$770	$802	0.71
2	2	6	1,268	$667,575	$526	None	N/Ap	$900	0.71
3	3	18	1,391	$741,326	$533	$1,020,000	$733	$988	0.71
3	3	3	1,521	$958,787	$630	None	N/Ap	$1,080	0.71
3	3	1	1,740	$1,525,760	$877	None	N/Ap	$1,235	0.71
3	3	2	1,811	$1,462,334	$807	None	N/Ap	$1,286	0.71

Resale Values

According to public records, 50 units have resold in 2014 and 2015 On average, the resale prices by unit type are 17.9 to 71.3 percent higher than the initial sale, with an average price increase of 36.7 percent.

Amenities

In-Unit Amenities:

- Balcony/Patio
- Blinds
- Central A/C
- Coat Closet
- Dishwasher
- Ceiling Fan
- Garbage Disposal
- Microwave
- Oven
- Refrigerator
- Walk-In Closet
- Washer/Dryer
- Washer/Dryer Hook-Ups

Security:

- Limited Access

Community Amenities:

- Clubhouse
- Courtyard
- Elevators
- Exercise Facility
- Garage
- Jacuzzi
- Meeting Rooms
- Off-Street Parking
- On-Site Management
- Picnic Area
- Recreation Area
- Sauna
- Swimming Pool
- Theatre

Services:

- None

Comments

The contact estimated maintenance fees vary by unit type but are generally aound $0.71 per square foot and cover water, sewer, trash, basic cable and the association's insurance and operation costs. There are 124 reserved units for householdes earing 100 to 140 percent AMI. The contact was unable to provide a breakdown of affordable untis, but stated the there are no three-bedroom units and the majority were two-bedroom units. The contact stated there is one parking space per bedroom at the property. Residences can buy/sell parking through a third party and parking spaces can range form $50,000 to $80,000.

Comparable # 13

Rycroft Terrace

Status	Completed
Location	1550 Rycroft Street, Honolulu, HI 96814
Units	162
Type	Midrise
Stories	5
Year Built / Renovated	1963/2014
Presale Period	Apr-14
First Unit Closed	Oct-14
Last Unit Closed	Apr-15
Average Monthly Absorption	15
Major Competitors	None
Tenant Characteristics	Mostly locals
Contact Name	Urszula
Phone	808.864.1500

Unit Mix (face rent)

Beds	Baths	Units	Size (SF)	Average Initial Price	Average Initial Price per Square	Average 2014/2015 Resale Price	Average 2014/2015 Resale Price	Monthly Maintenance Fee	Monthly Maintenance Fee Per
0*	1	64	304	$134,996	$444	None	N/Ap	$231	$0.76
0*	1	2	321	$127,980	$399	None	N/Ap	$244	$0.76
1*	1	14	495	$205,550	$415	None	N/Ap	$376	$0.76
1*	1	56	520	$204,318	$393	None	N/Ap	$395	$0.76
1*	1	6	616	$208,813	$339	None	N/Ap	$468	$0.76
1*	1	3	649	$266,900	$411	None	N/Ap	$493	$0.76
2*	1	16	737	$271,891	$369	None	N/Ap	$560	$0.76

*Affordable units at 80 to 120 percent AMI

Resale Values

There are cuurently 10 units in escorow, while one unit is on the market.

Amenities

In-Unit Amenities:

Blinds
Carpeting
Window A/C
Coat Closet
Grabage Disposal
Oven
Refrigerator

Security:

None

Community Amenities:

Central Laundry
Elevators
Garage
Off-street parking
Courtyard
Community Room
Swimming Pool

Services:

None

Comments

Maintenance fees range from $0.76 and cover water, sewer, trash, basic cable, internet, operating expenses, insurance, and association fees. The units were sold to households earning 80 to 140 percent AMI and there was no variation in prices based on buyer's qualfied AMI level. There is approximately one parking space per unit in an on-site garage.

Comparable # 14

The Cove Waikiki

Status	Active
Location	1801 Kaioo Drive Honolulu, HI
Units	117
Type	Midrise
Stories	5
Year Built / Renovated	2014
Presale Period	Nov-11 to Jan-12
First Unit Closed	Feb-15
Last Unit Closed	N/A
Average Monthly Absorption	58
Major Competitors	None Identified
Tenant Characteristics	Not Identified
Contact Name	Sherwin
Phone	808-593-6353

Unit Mix

Beds	Baths	Units	Size (SF)	Starting Pricing Range	Starting Price Per Square Foot	Average 2014/2015 Resale Price	Average 2014/2015 Resale Price per Square Foot	Monthly Maintenance Fee	Monthly Maintenance fee per Square Foot
1	1	27	561-704	$370,360 to $489,360	$660 to $695	None	N/Ap	$359 to $451	$0.64
2	1	16	787-925	$455,290 to $518,925	$561 to $579	None	N/Ap	$504 to $592	$0.64
2	2	74	820-854	$483,830 to $491,755	$575 to $590	None	N/Ap	$525 to 547$	$0.64

Resale Values

There have been no reported resales and one unit is still in escrow and has not closed.

Amenities

In-Unit	Balco Dishwasher Garbage Disposal Microwave Oven Refrigerator Walk-In Closet Wall A/C Washer/Dryer	**Security**	Limited Access
Property	Garage Courtyard Elevators On-Site Management Off-Street Parking Picnic Area Swimming Pool	**Premium**	none
Services	none	**Other**	none

Comments

The property features three mid-rise buildings in an urban neighborhood. Maintenance fees are approximately $0.64 per square foot and cover water, sewer, trash, common area insurance and operation costs. The contact stated there is one unit that has not closed yet.

Comparable # 15

The Watermark

Status	Completed
Location	1551 Ala Wai Blvd Honolulu, HI 96815 Honolulu County
Units	196
Type	Highrise
Stories	38
Year Built / Renovated	2008
Presale Period	April-09 to Dec-09
First Unit Closed	May-07
Last Unit Closed	Jun-09
Average Monthly Absorption	8 units per month
Major Competitors	Not Identified
Tenant Characteristics	Not Identified
Contact Name	Margaret
Phone	808-735-4200

Unit Mix (face rent)

Beds	Baths	Units	Size (SF)	Average Initial Price	Average Initial Price per Square Foot	Average 2014/2015 Resale Price	Average 2014/2015 Resale Price per Square Foot	Monthly Maintenance Fee	Monthly Maintenance Fee Per Square Foot
2	2	16	1,081	$989,298	$915	None	N/Ap	$1,081	$1.00
2	2	71	1,112	$1,117,001	$1,004	$1,402,083	$1,261	$1,112	$1.00
2	2	36	1,113	$1,106,665	$994	$1,248,333	$1,122	$1,113	$1.00
2	2	16	1,118	$930,584	$832	$1,476,333	$1,321	$1,118	$1.00
2	2	36	1,196	$1,172,841	$981	$1,560,000	$1,304	$1,196	$1.00
2	2	2	1,269	$1,628,298	$1,283	None	N/Ap	$1,269	$1.00
2	2	1	1,873	$2,937,000	$1,568	None	N/Ap	$1,873	$1.00
3	2	1	2,280	$2,900,000	$1,272	None	N/Ap	$2,280	$1.00
3	3	1	1,275	$2,136,650	$1,676	None	N/Ap	$1,275	$1.00
3	3	16	2,198	$2,118,023	$964	$2,783,333	$1,266	$2,198	$1.00

Resale Values

According to public records, 19 units have resold in 2014 and 2015 year-to-date. On average, the resale prices by unit type are 2.6 to 41.0 percent higher than the initial sale, with an average increase of 23 percent.

Amenities

In-Unit Amenities:

- Balcony/Patio
- Blinds
- Central A/C
- Coat Closet
- Dishwasher
- Ceiling Fan
- Garbage Disposal
- Microwave
- Oven
- Refrigerator
- Walk-In Closet
- Washer/Dryer
- Washer/Dryer Hook-Ups

Security:

- Limited Access

Community Amenities:

- Business Center
- Clubhouse
- Courtyard
- Elevators
- Exercise Facility
- Exterior Storage
- Garage
- Jacuzzi
- Meeting Rooms
- Off-Street Parking
- On-Site Management
- Picnic Area
- Recreation Area
- Sauna
- Swimming Pool
- Theatre

Services:

- None

Comments

The property is approximately 80 percent owner/occupied. The contact could not provide any detail as to the origin of the original buyers. The maintenance fees are approximately $1.00 per square foot and covers water, sewer, trash, basic cable and the association's insurance and operation costs. There are two parking spaces per unit. The contact stated tenants can sell/purchase parking spaces that can range form $30,000 to $50,000 per space.

Comparable # 16

Waihonua

Status	Active
Location	1224 Waimanu Street (Approx) Honolulu, HI 96814 Honolulu County
Units	342
Type	Highrise
Stories	44
Year Built / Renovated	2015
Presale Period	Dec-11 to April-12
First Unit Closed	Jan-15
Last Unit Closed	Jan-15
Average Monthly Absorption	342
Major Competitors	The Watermark
Tenant Characteristics	See comments
Contact Name	Lauren Robbin
Phone	808-284-2980

Unit Mix

Beds	Baths	Units	Size (SF)*	Average Initial Starting Price Range	Average Initial Price per Square	Average 2014/2015 Resale Price	Average 2014/2015 Resale Price per Square Foot	Monthly Maintenance Fee	Monthly Maintenance fee per Square Foot
1	1	78	647	Starting at $400,000 to $580,000	$618	$606,667	$938	$485	$0.75
2	2	182	1,002	Starting at $565,000 to $950,000	$564	$961,637	$960	$752	$0.75
3	2	75	1,385	Starting at $720,000 to	$520	$1,310,000	$946	$1,039	$0.75
3	2.5	3	2,015	Starting at $1,900,000	$943	N/A	N/A	$1,511	$0.75
3	3	3	1,649	Starting at $1,800,000	$1,092	N/A	N/A	$1,237	$0.75

*Average Square Footage

Resale Values

Average initial sale price was not available for each unit type. Therefore, we used the initial starting price of each unit type and calculated an average square footage. So far in 2014 and 2015, there have been 12 resales, all of which are marginally above the initial starting price. It should be noted that starting prices increase significantly by floor level.

Amenities

In-Unit		**Security**	Limited access
	Carpeting		Video Surveilence
	Central A/C		
	Dishwasher		
	Exterior Storage		
	Garbage Disposal		
	Microwave		
	Oven		
	Refrigerator		
	Walk-In Closet		
	Washer/Dryer		
Property	Clubhouse	**Premium**	
	Courtyard		
	Garage		
	Elevators		
	Exercise Facility		
	Meeting Rooms		
	On-Site Management		
	Off-Street Parking		
	Picnic Area		
	Swimming Pool		
Services	none		None

Comments

Maintenance fees range from $0.75 to $0.90 and cover water, sewer, trash, basic cable, internet, operating expenses, insurance, and association fees. According to the project's Sales Manager, approximately 50 percent of buyers are local buyers, 20 percent are from the mainland, 15 percent are from Japan, 10 percent are from China, and five percent are from Canada, Korea, or elsewhere. Additionally, an estimated 80 percent of buyers are current homeowners and 20 percent are moving from rental units. Sales staff stated prices can increase approximately $20,000 to $25,000 per floor and there are increases for Diamond Head/Ocean views. The three-bedroom units with two and a half and three baths are penthouses on the top floors. There is one parking space and a locker provided for one-bedroom units, and two parking spaces and a locker are provided for two-bedroom units. The contact stated the three-bedroom penthouse units come with two to three parking spaces, a storage room, and a locker. Additioanlly, residents can purchase parking for $40,000 and a locker for an additional $1,000. Storage units can be purchased for $10,000 to $45,000 depending on size.

PROPERTY CHARACTERISTICS

Following are relevant characteristics of comparable properties surveyed:

Location

The Subject is located in a good neighborhood in Honolulu with good access to amenities and employment. All of the condominium comparables are located in Honolulu, within 2.7 miles of the Subject. According to walkscore.com, the Subject has a walkscore of 94, Walker's Paradise, meaning that all errands can be accomplished on foot. The following table illustrates the walkscores of the comparable properties.

WALKSCORE

#	Property	Walkscore	Description
S	Waimanu (Subject)	94	Walker's Paradise
1	400 Keawe Street	87	Very Walkable
2	801 South Street Block A	86	Very Walkable
3	801 South Street Block B	86	Very Walkable
4	Keauhou Place	85	Very Walkable
5	The Collection	89	Very Walkable
6	Symphony Honolulu	89	Very Walkable
7	Allure Waikiki	86	Very Walkable
8	Capitol Place	98	Walker's Paradise
9	Holomua	86	Very Walkable
10	Keola L'ai	88	Very Walkable
11	One Ala Moana	92	Walker's Paradise
12	Pacifica Honolulu	89	Very Walkable
13	Rycroft Terrace	95	Walker's Paradise
14	The Cove Waikiki	78	Very Walkable
15	The Watermark	83	Very Walkable
16	Waihonua	91	Walker's Paradise

Source: walkscore.com

Generally, all of the comparables are located in very walkable neighborhoods, similar to the Subject. However, all of the comparables are located within neighborhoods with improvements in slightly superior to superior condition. In terms of locational value, The Cove Waikiki, Allure Waikiki, and The Watermark have generally superior locations on Waikiki, while the remaining comparables have slightly superior locations.

Size, Age and Condition

The Subject will offer 153 units in a seven-story mid-rise structure to be completed in 2017. The comparables range in size from 95 to 635 units, with an average of 320 units. In terms of size, the Subject is within the range of the comparables.

A majority of the comparables were constructed between 2008 and 2015, and are considered to be in excellent condition. Rycroft Terrace is a conversion of an annex of the Pagoda Hotel built in 1963. The conversion along with the rehabilitation of the units was completed in late 2014 and

is considered slightly inferior to the Subject. The Subject will be generally similar to the remaining active and completed comparables with respect to age and condition.

Unit Size

The following table illustrates the unit sizes of the Subject and the comparable properties.

UNIT SIZE COMPARISON

Unit Type	Subject	Surveyed Min	Surveyed Max	Surveyed Average	Advantage/ Disadvantage
Studio*	384 - 434	249	464	347	11% to 25%
1 BR	453 - 784	354	1,024	665	-32% to 18%
2 BR	1,029	705	2,235	1,038	-0.9%

*Utilizes recent studio units sold in the market for comparison

As the table illustrates, the Subject's studio, one, and two-bedroom unit sizes are within the ranges of the comparables. Only two of comparables offer studio units. To supplement our data, we included recent condominiums sold in the market for comparison. The Subject's studio units are slightly larger to larger than the average studio unit sizes surveyed. We have considered the Subject's unit sizes in our achievable for-sale pricing.

Number of Baths

The Subject will offer one full bath in studio and one-bedroom units and one and a half baths in the two-bedroom unit. The two comparables with studio units offer one bath in this unit type. Fifteen of the 16 comparables offer one bath in one-bedroom units and only six offer at least two or more baths in two-bedroom units. We believe that the proposed number of baths is market-oriented.

Amenities, Security, and Parking Comparison

A detailed description of amenities included in both the Subject properties and the comparable properties can be found in the amenity matrix following.

UNIT MATRIX REPORT

	Waimanu	400 Keawe Street	801 South Street Block A	801 South Street Block B	Keauhou Place	Symphony Honolulu	The Collection	Allure Waikiki	Capitol Place	Holomua	Keola L'ai	One Ala Moana	Pacifica Honolulu	Rycroft Terrace	The Cove Waikiki	The Watermark	Waihonua
Comp #	Subject	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Property Information																	
Property Type	Highrise (7 stories)	Highrise (6 Stories)	Highrise (46 Stories)	Highrise (46 Stories)	Highrise (38 Stories)	Highrise (45 Stories)	Highrise (43 Stories)	Highrise (35 Stories)	Highrise (39 stories)	Highrise (23 stories)	Highrise (43 Stories)	Highrise (23 Stories)	Highrise (46 stories)	Highrise (5 Stories)	Midrise (5 Stories)	Highrise (38 Stories)	Highrise (43 Stories)
Year Built / Renovated	2017 / n/a	2015/ n/a	2015/ n/a	2016/ n/a	2017/ n/a	2016/ n/a	2016/ n/a	2010 / n/a	2008 / n/a	2013 n/a	2008 / n/a	2014/ n/a	2011 / n/a	1963/2014/ n/a	2014/ n/a	2008/ n/a	2015/ n/a
Market (Conv.)/Subsidy Type	Market	Market	Market	Market	Market	Market	Market	Market	Market	Market	Market	Market	Market	Market	Market	Market	Market
In-Unit Amenities																	
Full Balcony/Patio	no	yes	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	yes	no	yes	yes	no
Blinds	yes	yes	no	no	no	no	no	yes	yes	no	yes	no	yes	yes	no	yes	no
Carpeting	no	yes	yes	yes	yes	yes	yes	no	yes	yes	yes	yes	no	yes	no	no	yes
Central A/C	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes	no	no	yes	yes
Coat Closet	no	no	no	no	no	no	no	yes	yes	no	yes	no	yes	no	no	yes	no
Dishwasher	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes
Exterior Storage	no	no	yes	yes	yes	yes	yes	no	no	no	no	yes	no	no	no	yes	yes
Ceiling Fan	no	no	no	no	no	no	no	yes	yes	no	yes	no	yes	no	no	yes	no
Garbage Disposal	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Microwave	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes
Oven	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Refrigerator	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Walk-In Closet	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes
Wall A/C	no	no	no	no	no	no	no	no	no	yes	no	no	no	no	yes	no	no
Window A/C	no	no	no	no	no	no	no	no	no	no	no	no	no	yes	no	no	no
Washer/Dryer	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes
Washer/Dryer hookup	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes
Property Amenities																	
Business Center/Computer Lab	no	no	no	no	no	yes	no	no	yes	yes	no	yes	no	no	no	yes	no
Clubhouse/Meeting Room/Community Room	no	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	no	yes	yes
Courtyard	yes	no	no	no	no	yes	no	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Elevators	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Exercise Facility	no	no	no	no	yes	no	yes	yes	yes	no	yes	no	yes	no	no	yes	yes
Garage	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Jacuzzi	no	no	no	no	no	yes	no	yes	yes	no	yes	yes	yes	no	no	yes	no
Off-Street Parking	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
On-Site Management	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Picnic Area	yes	no	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes	no	yes	yes	yes
Playground	no	no	no	no	no	no	yes	no	yes	no	no	yes	no	no	no	no	no
Recreation Areas	yes	yes	no	no	yes	no	no	yes	yes	no	no	yes	yes	no	no	yes	no
Sauna/Spa	no	no	no	no	yes	no	no	yes	yes	no	no	no	yes	no	no	yes	no
Swimming Pool	no	no	no	no	yes	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	yes	yes
Theatre	no	no	no	no	no	no	no	no	no	no	yes	yes	no	no	no	yes	no
Security																	
Patrol	no	no	no	no	no	yes	no	no	yes	yes	no	yes	no	no	no	no	no
Video Surveillance	no	yes	no	no	yes	yes	no	no	no	yes	no	yes	no	no	no	no	no

As the previous table illustrates, the Subject will offer a slightly inferior in-unit amenities package in comparison to a majority of the comparables with the exception of Rycroft Terrace, which offers slightly inferior in-unit amenities. The majority of the in-unit amenities that will be offered at the Subject are offered at all of the comparables, with the exception of blinds, central a/c, and in-unit alarms. In contrast, the Subject will not offer walk-in closets, which are found at all but one of the comparables; full balconies/patios (Subject will offer 'French' balconies with sliding doors and ledge), which are found at 13 of the comparables; coat closets, which are found at five of the comparables; or ceiling fans, which are found at five of the comparable properties.

The Subject will also offer a slightly inferior common area amenities package in comparison to a majority of comparables. The majority of the common area amenities that will be offered at the Subject are offered at all of the comparables, except for recreation areas, which is not offered at nine of the comparables, a courtyard, which is not offered at five of the comparables, and a picnic area, which is not offered at three of the comparable. In contrast, the Subject will not offer a clubhouse/meeting room, which is offered at 13 of the comparables; a swimming pool, which is offered at 12 of the comparables; an exercise facility, which is offered at eight of the comparables; or a Jacuzzi, which is offered at seven of the comparables. Additionally, five of the comparables offer a business center, five offer a sauna/spa, three offer a theatre, and three offer a playground. The Subject is considered slightly inferior overall in terms of amenities.

Parking

There will be 62 studio units set aside at 80 percent AMI that will not include parking. The remaining 91 units will all include one garage parking space with the purchase price. All of the comparables include free garage parking, with the exception of Allure Waikiki. Notably, all of the comparables offer all of their parking on-site and generally provide one to two spaces per unit. Additional parking spaces at many condominiums in the area are often sold and purchased through management companies or third party systems. According to brokers, real estate agents, and property managers, parking spaces can be bought or sold from between $20,000 to $80,000. Additionally, Lauren Robbin, Sales Agent with Heyer and Associates, stated additional parking at Wiahonua costs $40,000. Although not common, Ms. Robbins explained that condominium units without parking would be marketable if priced low enough. All of the studio units without parking will target 80 percent AMI and will be among the lowest priced condominiums in the market. There is currently no available inventory at or below 80 percent AMI. As discussed later, the studio units without parking will be approximately $20,000 lower than the next highest studio units (those at 100 percent AMI that will have parking) and approximately $65,000 lower than comparable unrestricted studio units. As such, we believe that the Subject's studio units without garages will be marketable at the concluded achievable pricing.

Maintenance Fees

All of the comparable condominium units operate as a condominium owner's association and owners are assessed maintenance fees to cover the association's shared expenses. All of the maintenance fees of the comparable properties include water, sewer and trash for the residential units, and all utilities, operating expenses and insurance of common areas. Some of the comparable maintenance fees also include broadband internet and cable. These fees are commonly charged on a per-square-foot basis, and may also include a flat fee for membership dues. Due to the fact that maintenance fees vary based on level of service, operating expenses, building design, and utility consumption, comparisons are difficult. The comparables indicated maintenance fees ranging from $0.48 to $1.00 per square foot. The following table illustrates the maintenance fees and amenities offered by the comparables.

MAINTENANCE FEES

Property Name	Location	Year Built	Stories	Amenities	Maintenance Fees
Waimanu (Subject)	**Honolulu**	**2017**	**7**	**Elevators, Garage, On-site Management, Picnic Area, Recreation Areas**	**$0.50 per square foot (Novoco estimate)**
400 Keawe Street	Honolulu	2015	6	Elevators, Garage, recreation areas, On-site management, Off-street parking	$0.50 per sqare foot
801 South Street Block A and B	Honolulu	2015	46	Elevators, Garage, Meeting Rooms, On-site Management, Picnic Area	$0.48 to $0.51 per square foot
Keauhau Place	Honolulu	2017	423	Elevators, Garage, Community room, Exercise Facility, On-site Management, Picnic Area, Swimming Pool, Spa	$0.70 to $0.80 per square foot
Symphony Honolulu	Honolulu	2016	45	Business Center, Clubhouse, Elevators, Garage, Jacuzzi, On-Site Management, Swimming Pool	$0.66 per square foot
The Collection	Honolulu	2016	83	Clubhouse, Elevators, Garage, Meeting Rooms, On-site Management, Picnic Area, Playground, Swimming Pool, Cable, Broadband Internet	$0.83 per square foot
Allure Waikiki	Honolulu	2010	35	Clubhouse, Elevators, Garage, Exercise Room, On-site Management, Meeting Rooms, Picnic Area, Recreation Area, Swimming Pool, Jacuzzi, Cable, Broadband Internet	$0.78` per square foot
Capitol Place	Honolulu	2008	39	Clubhouse, Elevators, Garage, Exercise Room, On-site Management, Meeting Rooms, Swimming Pool, Jacuzzi, Picnic Area, Theatre	$0.75 per square foot
Keola L'ai	Honolulu	2008	43	Clubhouse, Elevators, Garage, Exercise Room, On-site Management, Meeting Rooms, Swimming Pool, Jacuzzi, Picnic Area, Cable, Broadband Internet	$0.79 per squre foot
The Cove Waikiki	Honolulu	2014	5	Elevators, Garage, On-site Management, Swimming Pool, Courtyard	$0.64 per square foot
One Ala Moana	Honolulu	2014	23	Business Center, Clubhouse, Courtyard, Elevators, Garage, Jacuzzi, On-Site Management, Swimming Pool, Theater, Picnic Area, Playground	$1.07 to $1.09 per square foot
Pacifica	Honolulu	2011	46	Clubhouse, Elevators, Exercise Facility, Garage, Jacuzzi, Picnic Area, Sauna, Swimming Pool, Theater	$0.71 per square foot
Rycroft Terrace	Honolulu	2014	5	Central Laundry, Elevators, Off-street Parking, Courtyard, Community Room Swimming Pool	$0.76 per square foot
The Watermark	Honolulu	2008	38	Business Center, Clubhouse, Courtyard, Elevators, Garage, Jacuzzi, On-Site Management, Swimming Pool, Theater, Picnic Area, Playground, Exercise Facility, Sauna	$1.00 per square foot
Waihonua	Honolulu	2015	44	Clubhouse, Courtyard, Elevators, Exercise Facility, Swimming Pool, Garage, Picnic Area, Meeting Rooms	$0.75 per square foot

We anticipate lower operating expenses due to the fact that the Subject offers fewer amenities and is significantly smaller. A property that is currently under construction, 400 Keawe Street, has indicated that maintenance fees will be approximately $0.50 per square foot. 801 South Street Block A and B have indicated that the maintenance fees will range from $0.48 to $0.51 per square foot. These properties offer similar amenities and new construction quality compared with the Subject; therefore, we believe a maintenance fee of $0.50 per square foot is reasonable.

MAINTENANCE FEES

Unit Type	Unit Size (SF)	Maintenance Fee Per Square Foot	Monthly Maintenance Fee
Studio	384 - 434	$0.50	$192 to $217
1BR	453-784	$0.50	$227 to $392
2BR	1,029	$0.50	$515

Premium Pricing

Condominium units within the PMA exhibit premium pricing by floor level and view. Generally, the price increases by floor and units facing Diamond Head achieve the highest premium, followed by units facing the ocean, units facing the mountains, and finally units facing Ewa, or toward the city or airport. The Subject will offer a seven-story mid-rise design. Based on our evaluation of the Subject site location and building design, there is limited opportunity for view or floor premiums. Therefore, we do not believe view or floor premiums will be achievable at the Subject.

MARKET CHARACTERISTICS

Following are relevant market characteristics for comparable properties surveyed.

Absorption

The following table illustrates the absorption rate at the comparable condominium properties that are fully absorbed.

ABSORPTION - CLOSED SALES

Property	Location	Units	First Unit Closed	Last Unit Closed	Average Monthly Absorption
Waihonua	Honolulu	342	Jan-15	Jan-15	342 units
One Ala Moana	Honolulu	205	Nov-11	Dec-11	102 units
Rycroft Terrace	Honolulu	162	Oct-14	Apr-15	15 units
Pacifica Honolulu	Honolulu	492	Aug-11	Aug-12	41 units
Allure Waikiki	Honolulu	291	May-10	Oct-11	17 units
Capitol Place	Honolulu	384	Feb-08	Dec-09	17 to 18 units
The Watermark	Honolulu	196	May-07	Jun-09	8 units
Keola L'ai	Honolulu	341	Jan-08	Apr-09	21 to 22 units

Waihonua experienced the highest absorption and is the most recently completed condominium development, closing all 342 units within the first month of receiving certifications of occupancy. The second most recently completed comparable, One Ala Moana, experienced the second highest absorption, closing all 205 units in two months. In addition to these comparables, we surveyed projects currently pre-selling to determine the strength of the current new construction market. The following table details the presales activity of comparable properties located within the PMA that have not completed construction.

RECENT PRESALES ACTIVITY

Property	Location	Units	Presales Began	Sold-out Date	Units presold per month	Status
400 Keawe Street	Honolulu	95	Dec-14	N/Ap	8	December 2015 completion
801 South Street Block A	Honolulu	616	Mar-13	Jul-13	123	June 2015 completion
801 South Street Block B	Honolulu	410	Apr-14	Jun-14	137	Summer 2016 completion
Keauhou Place	Honolulu	423	Feb-15	N/Ap	106	Mid 2017 completion
Symphony Honolulu	Honolulu	388	Jun-13	N/Ap	16	April 2016 completion
The Collection	Honolulu	466	Aug-13	N/Ap	22	December 2013 completion

801 South Street Block A and B are both completely sold out, each selling their units in five and three months, respectively. Additionally, four of the properties that we surveyed have not completely sold out. Symphony Honolulu, which began presales in June 2013, has sold approximately 85 percent of its 388 units, while The Collection, which began presales in August 2013, has sold approximately 95 percent of its 466 units to date. Keauhou Place, the newest comparable expected to be completed in 2017, began presales in February 2015 and has sold approximately 50 percent of its units. 400 Keawe Street began pre-selling in October 2014 and has sold approximately 50 percent of its units, Based upon the relatively fast pre-sales of yet-to-be-completed projects and the strong absorption pace exhibited by the most recently closed developments, we believe that the Subject will be able to pre-sale its 153 units in approximately three months, equating to a sales velocity of approximately 50 units per month.

Achievable For-Sale Pricing

The achievable pricing was determined by comparing the aesthetic quality, amenities, unit sizes, etc. to that of the comparable condominium projects in the area. Novogradac & Company concluded that the Subject will be competitive with the market rate competition and achievable pricing is within than the range of closed sales at the comparable properties. Achievable pricing represents net market rate pricing levels that we believe a project of the Subject's condition and quality could reasonably achieve. Only two comparables have studio units, 801 South Street Block A, which is still under construction, and Rycroft Terrace. As such, we gathered data on recently closed resales of studio units in the market to supplement our analysis. The following table details our findings.

RECENTLY SOLD STUDIO UNITS

Property Address	Unit	Date Sold	Price	Square Footage	Price per SF	Year Built	Amenities
364 Seaside Ave	1902	3/15/2015	$330,000	392	$842	1968	Swimming pool, garage parking, range, refrigerator, balcony
410 Atkinson Drive	836	3/5/2015	$165,000	249	$663	1970	Swimming pool, central A/C, full kitchen, balcony, waterfront
410 Atkinson Drive	3028	3/5/2015	$183,000	297	$616	1970	Swimming pool, central A/C, full kitchen, balcony, waterfront
410 Atkinson Drive	2413	3/5/2015	$190,000	297	$640	1970	Swimming pool, central A/C, full kitchen, balcony, waterfront
410 Atkinson Drive	2713	3/5/2015	$195,000	297	$657	1970	Swimming pool, central A/C, full kitchen, balcony, waterfront
1778 Ala Moana Blvd.	3215	2/27/2015	$225,000	464	$485	1977	Range, oven, shared laundry, swimming pool, hot tub, ocean view
2140 Kuhio Ave	1303	2/23/2015	$365,000	460	$793	1974	Refrigerator, range, Swimming pool, spa, central A/C, Waikiki view
410 Atkinson Drive	620	2/17/2015	$170,000	297	$572	1970	Swimming pool, central A/C, full kitchen, balcony, waterfront
2410 Kuhio Ave	903	2/15/2015	$349,000	460	$759	1974	Refrigerator, range, Swimming pool, spa, central A/C, Waikiki view
750 Amana Street	1603	2/12/2015	$209,000	318	$657	1967	Shared laundry, city view, range, refrigerator
2425 Kuhio Avenue	308	2/11/2015	$163,000	279	$584	1968	Mini-fridge, microwave, remodled hotel, ocean view
445 Seaside Drive Ave	1712	2/11/2015	$245,533	316	$777	1979	Swimming pool, exercise facility, full kitchen, balcony, city view
440 Seaside Drive	306	2/6/2015	$250,000	309	$809	1980	Hardwood floors, balcony, full kitchen, central laundry, Waikiki views
1778 Ala Moana Blvd.	3305	1/30/2015	$210,000	464	$453	1977	Range, oven, shared laundry, swimming pool, hot tub, ocean view
1750 Kalakaua Ave	710	10/31/2014	$225,000	330	$682	1978	Central laundry, picnic area, swimming pool, patio
Average			**$231,636**		**$666**		

The following table illustrates the average price per square foot of most recent sales at the comparable properties in comparison with the Subject.

ACHIEVABLE FOR-SALE PRICING

Unit Type	Restriction*	Number of Units	Unit Size (SF)	Surveyed Min Price per SF	Surveyed Max Price per SF**	Surveyed Average Price per SF	Novoco Achievable Price per SF	Novoco Achievable Unit Price
Studio	80%	62	384	$399	$444	$421	$625	$240,000
Studio	100%	12	384	$659	$659	$659	$775	$297,600
Studio	110%	3	434	N/A	N/A	N/A	$775	$336,350
Studio	100%	6	384	N/A	N/A	N/A	$700	$268,800
1BR/1BA	110%	1	453	$659	$659	$659	$775	$351,075
1BR/1BA	120%	4	536	N/A	N/A	N/A	$700	$375,200
1BR/1BA	120%	3	541	N/A	N/A	N/A	$700	$378,700
1BR/1BA	130%	5	655	N/A	N/A	N/A	$625	$409,375
1BR/1BA	140%	3	666	N/A	N/A	N/A	$675	$449,550
1BR/1BA	140%	1	784	$537	$730	$660	$575	$450,800
2BR/1.5BA	140%	1	1,029	$445	$655	$562	$525	$540,225
Studio	Unrestricted	37	384	$453	$842	$666	$800	$307,200
Studio	Unrestricted	3	434	$453	$842	$666	$790	$342,860
1BR/1BA	Unrestricted	1	536	$588	$1,257	$826	$775	$415,400
1BR/1BA	Unrestricted	1	570	$588	$1,257	$826	$775	$441,750
1BR/1BA	Unrestricted	9	650	$588	$1,257	$826	$750	$487,500
1BR/1BA	Unrestricted	1	655	$588	$1,257	$826	$750	$491,250

*HHFDC units restricted at 80, 100, and 110% AMI; HCDA units restricted at 90 to 140% AMI; comparisons are with units targeting similar AMI

**When excluding high outlier prcing at One Ala Moana, which ranges from $1,005 to $1,257 psf, the one-bedroom average is $773 psf

The Subject will be most similar to Capitol Place and 801 South Street. Compared with Capitol Place, the Subject will offer a similar condition, slightly inferior location, slightly inferior to similar unit sizes and a slightly inferior amenities package. Compared with 801 South Street, the Subject will offer generally superior unit sizes, slightly superior condition, and a slightly inferior location and similar amenities package. The following tables illustrate the average 2014/2015 selling prices by bedroom type for units at Capitol Place and 801 South Street in comparison with Novoco achievable pricing at the Subject.

SUBJECT COMPARISON WITH CAPITOL PLACE

Unit Type	Restriction*	Novoco Achievable Price	Unit Size (SF)	Achievable Price per Square Foot	Capitol Place 2014/15 Average Sold Price	Capitol Place Size (SF)	Capitol Place Price per Square Foot	Subject Price Advantage Per SF
Studio	80%	$240,000	384	$625	N/A	N/A	N/A	N/A
Studio	100%	$297,600	384	$775	N/A	N/A	N/A	N/A
Studio	110%	$336,350	434	$775	N/A	N/A	N/A	N/A
Studio	100%	$268,800	384	$700	N/A	N/A	N/A	N/A
1BR/1BA	110%	$351,075	453	$775	$496,333	633	$784	-1%
1BR/1BA	120%	$375,200	536	$700	$496,333	633	$784	-11%
1BR/1BA	120%	$378,700	541	$700	$496,333	633	$784	-11%
1BR/1BA	130%	$409,375	655	$625	$496,333	633	$784	-20%
1BR/1BA	140%	$449,550	666	$675	$496,333	633	$798	-15%
1BR/1BA	140%	$450,800	784	$575	$496,333	633	$798	-28%
2BR/1.5BA	140%	$540,225	1,029	$525	$760,000	1,034	$735	-29%
Studio	Unrestricted	$307,200	384	$800	N/A	N/A	N/A	N/A
Studio	Unrestricted	$342,860	434	$790	N/A	N/A	N/A	N/A
1BR/1BA	Unrestricted	$415,400	536	$775	$496,333	633	$784	-1%
1BR/1BA	Unrestricted	$441,750	570	$775	$496,333	633	$784	-1%
1BR/1BA	Unrestricted	$487,500	650	$750	$496,333	633	$784	-4%
1BR/1BA	Unrestricted	$491,250	655	$750	$496,333	633	$784	-4%

*HHFDC units restricted at 80, 100, and 110 percent AMI; HCDA units restricted at 90 to 140 percent AMI

SUBJECT COMPARISON WITH 801 SOUTH STREET

Unit Type	Restriction*	Novoco Achievable Price	Unit Size (SF)	Achievable Price per Square Foot	801 South St Average Sold Price	801 South St Size (SF)	801 South St Price per Square Foot	Subject Price Advantage Per SF
Studio	80%	$259,200	384	$675	N/A	N/A	N/A	N/A
Studio	100%	$297,600	384	$775	$253,200	384	$659	18%
Studio	110%	$336,350	434	$775	N/A	N/A	N/A	N/A
Studio	100%	$268,800	384	$700	$290,400	384	$756	-7%
1BR/1BA	110%	$351,075	453	$775	$381,200	522	$730	6%
1BR/1BA	120%	$375,200	536	$700	$381,200	522	$730	-4%
1BR/1BA	120%	$378,700	541	$700	$381,200	522	$730	-4%
1BR/1BA	130%	$409,375	655	$625	$381,200	522	$730	-14%
1BR/1BA	140%	$449,550	666	$675	$381,200	522	$730	-8%
1BR/1BA	140%	$450,800	784	$575	$381,200	522	$730	-21%
2BR/1.5BA	140%	$540,225	1,029	$525	$482,400	776	$622	-16%

*HHFDC units restricted at 80, 100, and 110 percent AMI; HCDA units restricted at 90 to 140 percent AMI

Overall, the Subject will be slightly inferior to Capitol Place and slightly superior to 801 South Street. We have concluded to achievable unrestricted pricing that is slightly below Capital Place and achievable restricted pricing generally above 801 South Street. Notably, pricing at the larger one-bedroom and two-bedroom units at 140 percent AMI are well below 801 South Street on a per square foot basis in order to comply with household income limits, which is illustrated further in the Demand Analysis section.

Summary Evaluation of the Project

Upon completion, the Subject will offer an excellent quality product with competitive amenities. The primary strengths of the Subject will be its condition and walkable neighborhood. Despite some smaller than average unit sizes, we anticipate the Subject's units will well-accepted in the

market. Overall, the downtown Honolulu condominium market is considered strong and the Subject should compete well. Further, we believe that the Subject's studio units without garages will be marketable at the concluded achievable pricing.

CONDOMINIUM DEMAND ANALYSIS

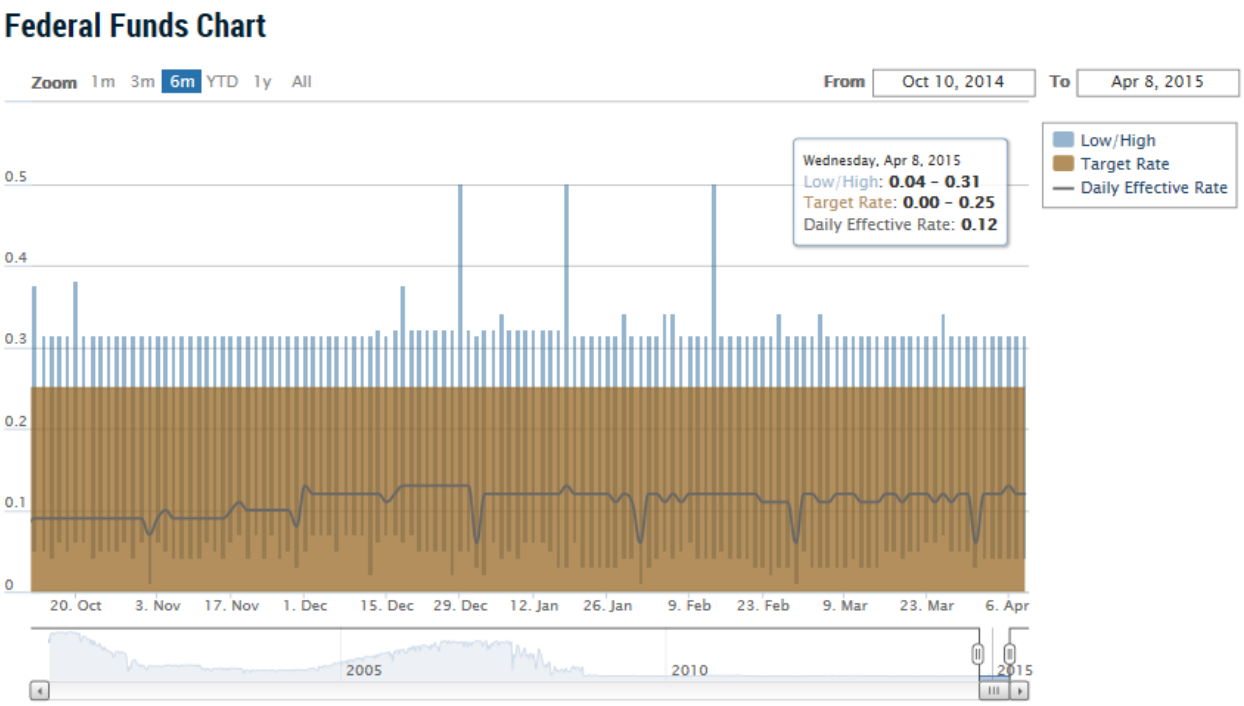
Introduction

The Subject is a proposed development that will offer 153 studio, one, and two-bedroom condominium units in a seven-story mid-rise design. The sponsor anticipates restricting 101 units to households earning 80, 100, 110, and 140 percent of the area median income (AMI) or below, as determined under the Hawaii Community Development Agency (HCDA) Reserved Housing and Hawaii Housing Finance and Development Corporation (HHFDC) Dwelling Unit Revolving Fund (DURF) programs. The remaining units will be unrestricted.

Interest Rate Trends

Realtors indicated that interest rates have remained relatively stable over the past two years in the area. The following charts provided by the Federal Reserve Bank of New York shows the change in the federal funds rate from October 2014 to April 2015. Mortgage interest rates generally move in direct correlation with the funds rate.

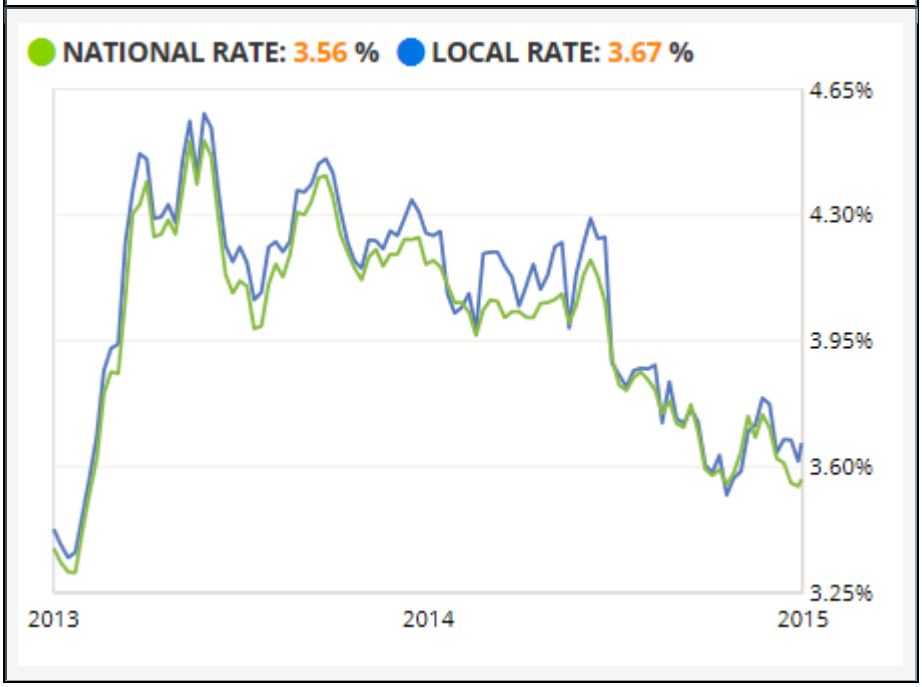
Federal Funds Chart



Source: Federal Reserve Bank of New York, 4/2015.

As the previous chart demonstrates, the daily effective federal funds interest rate has remained between 0.06 and 0.13. The following table, provided by zillow.com, tracks the change in interest rates in Hawaii from January 2013 through January 2013. The average interest rate in Hawaii in November 2013 is approximately 4.26 percent, slightly above the national average.

RATE TRENDS - HAWAII



Source: Zillow.com, April 2015

According to current Zillow data, the average interest rate in Hawaii of 3.67 percent is slightly higher than the national average. According to bankrate.com estimates, interest rates in the Honolulu area generally range from 3.7 to 4.3 percent for households with acceptable credit scores. We will assume an interest rate of 4.0 percent for our analysis.

New Supply

We contacted Mike Watkins with the Planning Department at the City and County of Honolulu to determine if any multifamily developments are proposed or under construction within the PMA. Mr. Watkins provided details on the projects in the following table. In addition, we have added one development that the sponsor intends to build, Ohana Hale. The following table summarizes condominium projects that are under construction, approved, or proposed in the PMA.

PLANNED AND PROPOSED CONDOMINIUM DEVELOPMENTS

Project Name	Design	Type	Units	Timing	Status	Unsold Affordable Units	Unsold Unrestricted Units
801 South Block A*	Highrise	Affordable	635	Jul-15	Under Construction	0	0
802 South Block B*	Highrise	Affordable	410	Jul-15	Under Construction	0	0
Symphony Honolulu*	Highrise	Affordable/Market	388	Apr-15	Under Construction	0	43
400 Keawe Street*	Midrise	Affordable/Market	95	Dec-15	Under Construction	17	23
The Collection*	Highrise/Townhome	Market	466	Dec-16	Under Construction	0	149
Keauhou Place*	Highrise/Loft/Townhome	Market	435	Jul-17	Under Construction	0	435
404 Ward	Highrise	Affordable/Market	424	N/Av	Approved	375	49
Vida 888 Ala Moana	Highrise	Market	265	2017	Proposed	0	265
Ohana Hale**	Highrise	Affordable/Market	180	2017	Proposed	108	72
Aloha Kai	Highrise	Market	128	2017	Proposed	0	128
Park Lane at Ala Moana	Highrise	Market	215	2017	Proposed	0	0
Ritz Carlton Residences I	Highrise	Market	308	2016	Under Construction	0	0
Ritz Carlton Residences II	Highrise	Market	246	2017	Under Construction	0	246
Waiea	Highrise	Market	171	2016	Under Construction	0	20
Anaha	Highrise	Market	311	2017	Under Construction	0	63
		Totals	**4,820**			**500**	**1,637**

*Has been examined as a comparable

**Will be developed by the sponsor

There is a current pipeline of 500 affordable condominium units and 1,637 unrestricted condominium units yet to be sold in the market. We have deducted the pipeline inventory from our condominium demand calculations accordingly.

PURCHASING POWER

We contacted several mortgage brokers regarding the typical income requirements to qualify for condominium mortgages. According to these brokers, buyers will qualify for mortgages as long as total debt to gross income does not exceed 40 to 45 percent. HHFDC's Affordable Sales Price Guidelines are established assuming a five percent down payment where mortgage expense (excluding maintenance fees) does not exceed 28 percent of monthly gross income, while the HCDA's maximum affordable sales pricing assumes a 10 percent down payment and mortgage expense (including maintenance fees) ratio of 33 percent. The latter is an HCDA requirement for our analysis and we have utilized as such. For the remaining units, based on broker estimates, we have assumed 35 percent mortgage expense to income ratio and a 10 percent down payment. Further, we have estimated the income levels necessary to purchase the Subject's units at an interest rate of 4.0 percent for all units. The following tables illustrate this analysis.

COST ANALYSIS - STUDIO - 80% AMI* HHFDC (384 sf)			
Inputs		**Ownership**	**Notes**
Unit Price		**$240,000**	Novoco Achievable Price
Closing Costs	3%	$7,200	
Downpayment	10%	$24,000	
Principal		$216,000	
Interest Rate	**4.00%**		
Amortization period	30		
Monthly Payment		$1,031	
Annual Payment		$12,375	
Real Estate Taxes		$840	Taxes based on 100% of average home price with a rate of 0.0035%
Private Mortgage Insurance	0.50%	$1,080	
Homeowner's Insurance		$500	Local agent quote for condominium
Annual Maintenance Fees		$2,304	
Total Annual Cost		$17,099	
Total Monthly Cost		$1,425	
Monthly Income Required		$4,071	Assumes a housing expense of 35% of income
Annual Income Required		$48,853	

*Assumes 10 percent down payment and housing expense ratio of 35 percent

COST ANALYSIS - STUDIO - 100% AMI* HHFDC (384 sf)			
Inputs		**Ownership**	**Notes**
Unit Price		**$297,600**	Novoco Achievable Price
Closing Costs	3%	$8,928	
Downpayment	10%	$29,760	
Principal		$267,840	
Interest Rate	**4.00%**		
Amortization period	30		
Monthly Payment		$1,279	
Annual Payment		$15,345	
Real Estate Taxes		$1,042	Taxes based on 100% of average home price with a rate of 0.0035%
Private Mortgage Insurance	0.50%	$1,339	
Homeowner's Insurance		$500	Local agent quote for condominium
Annual Maintenance Fees		$2,304	
Total Annual Cost		$20,529	
Total Monthly Cost		$1,711	
Monthly Income Required		$4,888	Assumes a housing expense of 35% of income
Annual Income Required		$58,655	

*Assumes 10 percent down payment and housing expense ratio of 35 percent

COST ANALYSIS - STUDIO - 110% AMI* HHFDC (434 sf)			
Inputs		**Ownership**	**Notes**
Unit Price		**$336,350**	Novoco Achievable Price
Closing Costs	3%	$10,091	
Downpayment	10%	$33,635	
Principal		$302,715	
Interest Rate	**4.00%**		
Amortization period	30		
Monthly Payment		$1,445	
Annual Payment		$17,342	
Real Estate Taxes		$1,177	Taxes based on 100% of average home price with a rate of 0.0035%
Private Mortgage Insurance	0.50%	$1,514	
Homeowner's Insurance		$500	Local agent quote for condominium
Annual Maintenance Fees		$2,604	
Total Annual Cost		$23,137	
Total Monthly Cost		$1,928	
Monthly Income Required		$5,509	Assumes a housing expense of 35% of income
Annual Income Required		$66,107	

*Assumes 10 percent down payment and housing expense ratio of 35 percent

COST ANALYSIS - STUDIO - 100% AMI* HCDA (384 sf)			
Inputs		**Ownership**	**Notes**
Unit Price		**$268,800**	Novoco Achievable Price
Closing Costs	3%	$8,064	
Downpayment	10%	$26,880	
Principal		$241,920	
Interest Rate	**4.00%**		
Amortization period	30		
Monthly Payment		$1,155	
Annual Payment		$13,860	
Real Estate Taxes		$941	Taxes based on 100% of average home price with a rate of 0.0035%
Private Mortgage Insurance	0.50%	$1,210	
Homeowner's Insurance		$500	Local agent quote for condominium
Annual Maintenance Fees		$2,304	
Total Annual Cost		$18,814	
Total Monthly Cost		$1,568	
Monthly Income Required		$4,751	Assumes a housing expense of 33% of income
Annual Income Required		$57,012	

*Assumes 10 percent down payment and housing expense ratio of 33 percent per HCDA requirements

COST ANALYSIS - STUDIO - UNRESTRICTED* (384 - 434 sf)			
Inputs		**Ownership**	**Notes**
Unit Price		**$307,200**	Novoco Achievable Price
Closing Costs	3%	$9,216	
Downpayment	10%	$30,720	
Principal		$276,480	
Interest Rate	**4.00%**		
Amortization period	30		
Monthly Payment		$1,320	
Annual Payment		$15,839	
Real Estate Taxes		$1,075	Taxes based on 100% of average home price with a rate of 0.0035%
Private Mortgage Insurance	0.50%	$1,382	
Homeowner's Insurance		$500	Local agent quote for condominium
Annual Maintenance Fees		$2,304	
Total Annual Cost		$21,101	
Total Monthly Cost		$1,758	
Monthly Income Required		$5,024	Assumes a housing expense of 35% of income
Annual Income Required		$60,289	

*Assumes 10 percent down payment and housing expense ratio of 35 percent

COST ANALYSIS - ONE-BEDROOM - 110% AMI* HCDA (453 sf)			
Inputs		**Ownership**	**Notes**
Unit Price		**$351,075**	Novoco Achievable Price
Closing Costs	3%	$10,532	
Downpayment	10%	$35,108	
Principal		$315,968	
Interest Rate	**4.00%**		
Amortization period	30		
Monthly Payment		$1,508	
Annual Payment		$18,102	
Real Estate Taxes		$1,229	Taxes based on 100% of average home price with a rate of 0.0035%
Private Mortgage Insurance	0.50%	$1,580	
Homeowner's Insurance		$500	Local agent quote for condominium
Annual Maintenance Fees		$2,718	
Total Annual Cost		$24,128	
Total Monthly Cost		$2,011	
Monthly Income Required		$5,745	Assumes a housing expense of 33% of income
Annual Income Required		$68,938	

*Assumes 10 percent down payment and housing expense ratio of 33 percent per HCDA requirements

COST ANALYSIS - ONE-BEDROOM - 120% AMI* HCDA (536 - 541 sf)			
Inputs		**Ownership**	**Notes**
Unit Price		**$375,200**	Novoco Achievable Price
Closing Costs	3%	$11,256	
Downpayment	10%	$37,520	
Principal		$337,680	
Interest Rate	**4.00%**		
Amortization period	30		
Monthly Payment		$1,612	
Annual Payment		$19,346	
Real Estate Taxes		$1,313	Taxes based on 100% of average home price with a rate of 0.0035%
Private Mortgage Insurance	0.50%	$1,688	
Homeowner's Insurance		$500	Local agent quote for condominium
Annual Maintenance Fees		$3,216	
Total Annual Cost		$26,063	
Total Monthly Cost		$2,172	
Monthly Income Required		$6,582	Assumes a housing expense of 33% of income
Annual Income Required		$78,979	

*Assumes 10 percent down payment and housing expense ratio of 33 percent per HCDA requirements

COST ANALYSIS - ONE-BEDROOM - 130% AMI* HCDA (655 sf)			
Inputs		**Ownership**	**Notes**
Unit Price		**$409,375**	Novoco Achievable Price
Closing Costs	3%	$12,281	
Downpayment	10%	$40,938	
Principal		$368,438	
Interest Rate	**4.00%**		
Amortization period	30		
Monthly Payment		$1,759	
Annual Payment		$21,108	
Real Estate Taxes		$1,433	Taxes based on 100% of average home price with a rate of 0.0035%
Private Mortgage Insurance	0.50%	$1,842	
Homeowner's Insurance		$500	Local agent quote for condominium
Annual Maintenance Fees		$3,996	
Total Annual Cost		$28,879	
Total Monthly Cost		$2,407	
Monthly Income Required		$7,293	Assumes a housing expense of 33% of income
Annual Income Required		$87,511	

*Assumes 10 percent down payment and housing expense ratio of 33 percent per HCDA requirements

COST ANALYSIS - ONE-BEDROOM - 140% AMI* HCDA (666 sf)			
Inputs		**Ownership**	**Notes**
Unit Price		**$449,550**	Novoco Achievable Price
Closing Costs	3%	$13,487	
Downpayment	10%	$44,955	
Principal		$404,595	
Interest Rate	**4.00%**		
Amortization period	30		
Monthly Payment		$1,932	
Annual Payment		$23,179	
Real Estate Taxes		$1,573	Taxes based on 100% of average home price with a rate of 0.0035%
Private Mortgage Insurance	0.50%	$2,023	
Homeowner's Insurance		$500	Local agent quote for condominium
Annual Maintenance Fees		$3,996	
Total Annual Cost		$31,272	
Total Monthly Cost		$2,606	
Monthly Income Required		$7,897	Assumes a housing expense of 33% of income
Annual Income Required		$94,762	

*Assumes 10 percent down payment and housing expense ratio of 33 percent per HCDA requirements

COST ANALYSIS - ONE-BEDROOM - 140% AMI* HCDA (784 sf)			
Inputs		**Ownership**	**Notes**
Unit Price		**$450,800**	Novoco Achievable Price
Closing Costs	3%	$13,524	
Downpayment	10%	$45,080	
Principal		$405,720	
Interest Rate	**4.00%**		
Amortization period	30		
Monthly Payment		$1,937	
Annual Payment		$23,244	
Real Estate Taxes		$1,578	Taxes based on 100% of average home price with a rate of 0.0035%
Private Mortgage Insurance	0.50%	$2,029	
Homeowner's Insurance		$500	Local agent quote for condominium
Annual Maintenance Fees		$4,704	
Total Annual Cost		$32,054	
Total Monthly Cost		$2,671	
Monthly Income Required		$8,094	Assumes a housing expense of 33% of income
Annual Income Required		$97,133	

*Assumes 10 percent down payment and housing expense ratio of 33 percent per HCDA requirements

COST ANALYSIS - ONE-BEDROOM - UNRESTRICTED* (536 - 655 sf)			
Inputs		**Ownership**	**Notes**
Unit Price		**$415,400**	Novoco Achievable Price
Closing Costs	3%	$12,462	
Downpayment	10%	$41,540	
Principal		$373,860	
Interest Rate	**4.00%**		
Amortization period	30		
Monthly Payment		$1,785	
Annual Payment		$21,418	
Real Estate Taxes		$1,454	Taxes based on 100% of average home price with a rate of 0.0035%
Private Mortgage Insurance	0.50%	$1,869	
Homeowner's Insurance		$500	Local agent quote for condominium
Annual Maintenance Fees		$3,216	
Total Annual Cost		$28,458	
Total Monthly Cost		$2,371	
Monthly Income Required		$6,776	Assumes a housing expense of 35% of income
Annual Income Required		$81,307	

*Assumes 10 percent down payment and housing expense ratio of 35 percent

COST ANALYSIS - TWO-BEDROOM - 140% AMI (1,029 sf)			
Inputs		**Ownership**	**Notes**
Unit Price		**$540,225**	Novoco Achievable Price
Closing Costs	3%	$16,207	
Downpayment	10%	$54,023	
Principal		$486,203	
Interest Rate	**4.00%**		
Amortization period	30		
Monthly Payment		$2,321	
Annual Payment		$27,854	
Real Estate Taxes		$1,891	Taxes based on 100% of average home price with a rate of 0.0035%
Private Mortgage Insurance	0.50%	$2,431	
Homeowner's Insurance		$500	Local agent quote for condominium
Annual Maintenance Fees		$6,174	
Total Annual Cost		$38,850	
Total Monthly Cost		$3,238	
Monthly Income Required		$9,811	Assumes a housing expense of 33% of income
Annual Income Required		$117,728	

*Assumes 10 percent down payment and housing expense ratio of 33 percent per HCDA requirements

The following table compares the results of the analysis with the guidelines published by Hawaii Housing Finance & Development Corporation.

AFFORDABILITY SUMMARY - 80% AMI HHFDC

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 80% AMI*	Novoco Achievable Unit Price	HHFDC Income Limits*	Indicated Minimum Income
Studio	384	1 Person	$276,165	$240,000	$53,680	$48,853

*Maximum price and income guidelines are established by HHFDC and are based on household size. Maximum price assumes a 4.0% APR mortgage with a 5% downpayment and an income to housing expense ratio of 28%.

AFFORDABILITY SUMMARY - 100% AMI HHFDC

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 100% AMI*	Novoco Achievable Unit Price	HHFDC Income Limits*	Indicated Minimum Income
Studio	384	1 Person	$345,207	$297,600	$67,100	$58,655

*Maximum price and income guidelines are established by HHFDC and are based on household size. Maximum price assumes a 4.0% APR mortgage with a 5% downpayment and an income to housing expense ratio of 28%.

AFFORDABILITY SUMMARY - 110% AMI HHFDC

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 110% AMI*	Novoco Achievable Unit Price	HHFDC Income Limits*	Indicated Minimum Income
Studio	434	1 Person	$379,728	$336,350	$73,810	$66,107

*Maximum price and income guidelines are established by HHFDC and are based on household size. Maximum price assumes a 4.0% APR mortgage with a 5% downpayment and an income to housing expense ratio of 28%.

AFFORDABILITY SUMMARY - 100% AMI HCDA

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 100% AMI*	Novoco Achievable Unit Price	HCDA Income Limits*	Indicated Minimum Income
Studio	384	1 Person	$293,205	$268,800	$60,850	$57,012

*Maximum price and income guidelines are established by HCDA and are based on unit type. Maximum price assumes a 4.0% APR mortgage with a 10% downpayment and an income to housing expense ratio of 33%.

AFFORDABILITY SUMMARY - 110% AMI HCDA

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 110% AMI*	Novoco Achievable Unit Price	HCDA Income Limits*	Indicated Minimum Income
1BR / 1BA	453	2 Person	$372,604	$351,075	$76,500	$68,938

*Maximum price and income guidelines are established by HCDA and are based on unit type. Maximum price assumes a 4.0% APR mortgage with a 10% downpayment and an income to housing expense ratio of 33%.

AFFORDABILITY SUMMARY - 120% AMI HCDA

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 120% AMI*	Novoco Achievable Unit Price	HCDA Income Limits*	Indicated Minimum Income
1BR / 1BA	536 - 541	2 Person	$403,599	$375,200	$83,450	$78,979

*Maximum price and income guidelines are established by HCDA and are based on unit type. Maximum price assumes a 4.0% APR mortgage with a 10% downpayment and an income to housing expense ratio of 33%.

AFFORDABILITY SUMMARY - 130% AMI HCDA

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 130% AMI*	Novoco Achievable Unit Price	HCDA Income Limits*	Indicated Minimum Income
1BR / 1BA	655	2 Person	$427,613	$409,375	$90,350	$87,511

*Maximum price and income guidelines are established by HCDA and are based on unit type. Maximum price assumes a 4.0% APR mortgage with a 10% downpayment and an income to housing expense ratio of 33%.

AFFORDABILITY SUMMARY - 140% AMI HCDA

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines 140% AMI*	Novoco Achievable Unit Price	HCDA Income Limits*	Indicated Minimum Income
1BR / 1BA	666 - 784	2 Person	$425,092 - $471,176	$416,250 - $450,800	$97,300	$94,762 - $97,133
2BR / 1BA	1029	4 Person	$565,464	$540,225	$121,650	$117,728

*Maximum price and income guidelines are established by HCDA and are based on unit type. Maximum price assumes a 4.0% APR mortgage with a 10% downpayment and an income to housing expense ratio of 33%.

AFFORDABILITY SUMMARY - Unrestricted

Unit Type	Square Footage	Household Assumption	Affordable Sales Price Guidelines	Novoco Achievable Unit Price	Income Limits	Indicated Minimum Income
Studio	384 - 434	1 Person	N/Ap	$307,200 - $342,860	None	$60,289
1BR / 1BA	536 - 655	2 Person	N/Ap	$415,400 - $491,250	None	$81,307

Demand Analysis

The following demand analysis assumes that interest rates remain low, around 4.0 percent.

INCOME LIMITS

Unit Type	Minimum Allowable Income	Maximum Allowable Income	Minimum Allowable Income	Maximum Allowable Income	Minimum Allowable Income	Maximum Allowable Income	Minimum Allowable Income	Maximum Allowable Income	Minimum Allowable Income	Maximum Allowable Income
	80% AMI HHFDC		*100% AMI HHFDC*		*110% AMI HHFDC*		*140% AMI HCDA*		*Unrestricted*	
Studio	$48,853	$53,680	$58,655	$67,100	$66,107	$73,810	N/Ap	N/Ap	$60,289	$200,000+
1BR	N/Ap	N/Ap	N/Ap	N/Ap	N/Ap	N/Ap	$94,762	$97,300	$81,307	$200,000+
2BR	N/Ap	N/Ap	N/Ap	N/Ap	N/Ap	N/Ap	$117,728	$121,650	N/Ap	N/Ap

INCOME LIMITS

Unit Type	Minimum Allowable Income	Maximum Allowable Income	Minimum Allowable Income	Maximum Allowable Income	Minimum Allowable Income	Maximum Allowable Income	Minimum Allowable Income	Maximum Allowable Income
	100% AMI HCDA		*110% AMI HCDA*		*120% AMI HCDA*		*130% HCDA*	
Studio	$57,012	$60,850	N/Ap	N/Ap	N/Ap	N/Ap	N/Ap	N/Ap
1BR	N/Ap	N/Ap	$68,938	$76,500	$78,979	$83,450	$87,511	$90,350
2BR	N/Ap	N/Ap	N/Ap	N/Ap	N/Ap	N/Ap	N/Ap	N/Ap

RENTER INCOME DISTRIBUTION 2014

Income Cohort	Total Renter Households	80% AMI HHFDC			100% AMI HHFDC			110% AMI HHFDC			140% AMI HCDA			Unrestricted			Total		
		cohort overlap	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*
$0-9,999	8,055																		
$10,000-19,999	8,309																		
$20,000-29,999	8,955																		
$30,000-39,999	8,587																		
$40,000-49,999	7,978	1,146	11.46%	914													1,146	11.46%	914
$50,000-59,999	6,232	3,680	36.80%	2,294	1,344	13.44%	838										9,999	100.00%	6,232
$60,000-74,999	8,035				7,100	47.34%	3,804	7,703	51.36%	4,127				14,710	98.07%	7,881	14,999	100.00%	8,035
$75,000-99,999	9,684										5,238	20.95%	2,029	24,999	100.00%	9,684	24,999	100.00%	9,684
$100,000-124,999	5,565										21,650	86.60%	4,819	24,999	100.00%	5,565	24,999	100.00%	5,565
$125,000-149,999	2,978													24,999	100.00%	2,978	24,999	100.00%	2,978
$150,000-199,999	2,478													49,999	100.00%	2,478	49,999	100.00%	2,478
$200,000+	2,427													199,999	100.00%	2,403	199,999	100.00%	2,403
Total	**79,282**		**4.05%**	**3,208**		**5.85%**	**4,641**		**5.21%**	**4,127**		**8.64%**	**6,848**		**39.09%**	**30,988**		**48.29%**	**38,289**

Income Cohort	Total Renter Households	100% AMI HCDA			110% AMI HCDA			120% AMI HCDA			130% AMI HCDA		
		cohort overlap	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*
$0-9,999	8,055												
$10,000-19,999	8,309												
$20,000-29,999	8,955												
$30,000-39,999	8,587												
$40,000-49,999	7,978												
$50,000-59,999	6,232	3,838	38.38%	2,392									
$60,000-74,999	8,035				6,061	40.41%	3,247						
$75,000-99,999	9,684				1,500	6.00%	581	4,471	17.88%	1,732	2,839	11.36%	1,100
$100,000-124,999	5,565												
$125,000-149,999	2,978												
$150,000-199,999	2,478												
$200,000+	2,427												
Total	**79,282**		**3.02%**	**2,392**		**4.83%**	**3,828**		**2.18%**	**1,732**		**1.39%**	**1,100**

OWNER INCOME DISTRIBUTION 2014

Income Cohort	Total Owner Households	80% AMI HHFDC			100% AMI HHFDC			110% AMI HHFDC			140% AMI HCDA			Unrestricted			Total		
		cohort overlap	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*
$0-9,999	2,675																		
$10,000-19,999	3,777																		
$20,000-29,999	4,752																		
$30,000-39,999	4,501																		
$40,000-49,999	4,884	1,146	11.46%	914													1,146	11.46%	914
$50,000-59,999	5,170	3,680	36.80%	1,903	1,344	13.44%	695										9,999	100.00%	5,170
$60,000-74,999	6,613				7,100	47.34%	3,130	7,703	51.36%	3,396				14,710	98.07%	6,486	14,999	100.00%	6,613
$75,000-99,999	10,360										5,238	20.95%	2,171	24,999	100.00%	10,360	24,999	100.00%	10,360
$100,000-124,999	8,290										21,650	86.60%	7,180	24,999	100.00%	8,290	24,999	100.00%	8,290
$125,000-149,999	6,255													24,999	100.00%	6,255	24,999	100.00%	6,255
$150,000-199,999	6,284													49,999	100.00%	6,284	49,999	100.00%	6,284
$200,000+	8,061													199,999	100.00%	8,061	199,999	100.00%	8,061
Total	**71,623**		**3.55%**	**2,817**		**4.82%**	**3,825**		**4.28%**	**3,396**		**11.79%**	**9,350**		**57.69%**	**45,736**		**65.52%**	**51,947**

Income Cohort	Total Owner Households	100% AMI HCDA			110% AMI HCDA			120% AMI HCDA			130% AMI HCDA		
		cohort overlap	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*	*cohort overlap*	*% in cohort*	*# in cohort*
$0-9,999	2,675												
$10,000-19,999	3,777												
$20,000-29,999	4,752												
$30,000-39,999	4,501												
$40,000-49,999	4,884												
$50,000-59,999	5,170	3,838	38.38%	1,984									
$60,000-74,999	6,613				6,061	40.41%	2,672						
$75,000-99,999	10,360							4,471	17.88%	1,853	2,839	11.36%	1,177
$100,000-124,999	8,290												
$125,000-149,999	6,255												
$150,000-199,999	6,284												
$200,000+	8,061												
Total	**71,623**		**2.50%**	**1,984**		**3.37%**	**2,672**		**2.34%**	**1,853**		**1.48%**	**1,177**

The following tables illustrate the owner and renter households by household size from 2000 to 2019.

PMA OWNER HOUSEHOLD SIZE DISTRIBUTION

	2000		2014		2019	
Household Size	Total Households	Percent	Total Households	Percent	Total Households	Percent
1 person	15,449	23.5%	18,550	25.9%	19,787	26.5%
2 persons	22,007	33.4%	24,224	33.8%	25,120	33.6%
3 persons	11,510	17.5%	11,773	16.4%	12,279	16.4%
4 persons	8,462	12.9%	8,391	11.7%	8,603	11.5%
5+ persons	8,421	12.8%	8,685	12.1%	8,959	12.0%
Total	**65,848**	**100.0%**	**71,623**	**100.0%**	**74,749**	**100.0%**

Source: Ribbon Demographics 2014, Novogradac & Company LLP, April 2015

PMA RENTER HOUSEHOLD SIZE DISTRIBUTION

	2000		2014		2019	
Household Size	Total Renter Households	Percent	Total Renter Households	Percent	Total Renter Households	Percent
1 person	25,971	35.2%	28,978	36.6%	30,804	37.2%
2 persons	21,832	29.6%	23,175	29.2%	24,090	29.1%
3 persons	11,210	15.2%	11,610	14.6%	12,037	14.5%
4 persons	7,692	10.4%	7,788	9.8%	7,962	9.6%
5+ persons	7,165	9.7%	7,731	9.8%	7,926	9.6%
Total	**73,870**	**100.0%**	**79,282**	**100.0%**	**82,819**	**100.0%**

Source: Ribbon Demographics 2014, Novogradac & Company LLP, April 2015

Based on our experience within Honolulu and nationally, we anticipate that the Subject's studio, one, and two-bedroom units will target households with one, two, and three-persons, respectively.

All of the comparable properties surveyed were questioned about the demographic demand characteristics of an 'average buyer.' Most reported that buyers came from eastern Oahu and areas around Honolulu County. The PMA boundaries and overall market health assessment are based primarily on surveys of existing and actively pre-selling condominium developments undertaken by Novogradac & Company LLP, and insights gained from realtors active in the area and others familiar with the condominium market. Based on an analysis of demographic data, geographic, social, and political boundaries, including interviews with realtors in the area, the majority of demand will be generated from this geographic area. However, leakage is expected from outside the PMA from other parts of Honolulu County, as well as outside of the state. Other characteristics of buyers are dependent on the housing size, price, and location. Most lower-priced homes attract young families, first-time homebuyers, and retirees.

We contacted several brokers in the area to understand the typical buyer in the local condominium market.

- According to sales staff at Symphony Honolulu, an estimated 70 percent of buyers are from the Honolulu area, with remaining buyers from the United State mainland and Asia. An estimated 75 percent of buyers are current homeowners and 25 percent are moving from a rental unit.

- According to the sales staff at Waihonua, approximately 50 percent of buyers are local buyers, 20 percent are from the mainland, 15 percent are from Japan, 10 percent are from China, and five percent are from Canada, Korea, or elsewhere. Additionally, an estimated 80 percent of buyers are current homeowners and 20 percent are moving from a rental situation.

Based on the data that we obtained, we believe a leakage factor of 35 percent for buyers originating from outside of the PMA, including outside of the state, is appropriate. An estimated one-third of buyers are expected to be first-time homeowners and therefore we believe that five percent is a reasonable estimation of annual renter-to-owner conversion. We estimate 75 percent of condominium buyers are current homeowners; therefore, we believe that a five percent annual turnover is reasonable.

The following table illustrates calculation of the Subject's capture rates.

INCOME ELIGIBLE HOUSEHOLDS										
	HHFDC			HCDA						
	80% AMI	100% AMI	110% AMI	100% AMI	110% AMI	120% AMI	130% AMI	140% AMI	Unrestricted	All
Minimum Income	$48,853	$58,655	$66,107	$57,012	$68,938	$78,979	$87,511	$94,762	$60,289	$48,853
Maximum Income	$53,680	$67,100	$73,810	$60,850	$76,500	$83,450	$90,350	$121,650	$200,000+	$200,000+
Number of Income Qualified Renters	3,208	4,641	4,127	2,392	3,828	1,732	1,100	6,848	30,988	38,289
Projected growth Renters through 2017	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
% of Renters Becoming Homeowners	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
% Size Appropriate	36.6%	36.6%	36.6%	36.6%	29.2%	29.2%	29.2%	43.7%	65.8%	80.4%
Estimated Income Qualified First Time Homeowners	**60**	**87**	**77**	**45**	**57**	**26**	**16**	**153**	**1,040**	**1,570**
Number of Income Qualified Owners	2,817	3,825	3,396	1,984	2,672	1,853	1,177	9,350	45,736	51,947
Projected growth Owners through 2017	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
% of Owners Moving to a New Home	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
% Size Appropriate	25.9%	25.9%	25.9%	25.9%	33.8%	33.8%	33.8%	50.2%	59.7%	76.5%
Estimated Income Qualified Owners Transferring	**37**	**51**	**45**	**26**	**46**	**32**	**20**	**239**	**1,393**	**2,027**
Portion Originating from PMA	65%	65%	65%	65%	65%	65%	65%	65%	65%	65%
Total Income Qualified Households	**149**	**211**	**188**	**109**	**159**	**89**	**56**	**603**	**3,742**	**5,533**
Number of Homes to be Absorbed	0	22	86	0	0	0	0	392	1,637	2,029
Net Income Qualified Households	**149**	**189**	**102**	**109**	**159**	**89**	**56**	**211**	**2,105**	**3,504**
Proposed Subject Units	**62**	**12**	**3**	**6**	**1**	**7**	**5**	**5**	**52**	**153**
Overall Annual Capture Rate	**41.5%**	**6.3%**	**3.0%**	**5.5%**	**0.6%**	**7.9%**	**8.9%**	**2.4%**	**2.5%**	**4.4%**

Conclusion

Based on our demand analysis, we believe that there is adequate demand in the primary market area for the Subject property as proposed floor plans on the demographic information. The overall capture rates for the Subject's affordable units range from 0.6 to 41.5 percent, with the 80 percent capture rate considered moderate yet reasonable when considering the limited competitive existing or proposed inventory at 80 percent AMI. The remaining capture rates are all very low. The overall capture rate for all 153 units is 4.4 percent for the Subject, which is considered good and achievable. The Novoco achievable pricing meets all HCDA and HHDFC affordability requirements (and are also generally in-line with market pricing). Overall, market characteristics indicate adequate demand for the Subject.

ADDENDUM A

Assumptions & Limiting Conditions

ASSUMPTIONS & LIMITING CONDITIONS

1. In the event that the client provided a legal description, building plans, title policy and/or survey, etc., the consultant has relied extensively upon such data in the formulation of all analyses.

2. The legal description as supplied by the client is assumed to be correct and the consultant assumes no responsibility for legal matters, and renders no opinion of property title, which is assumed to be good and merchantable.

3. All information contained in the report, which others furnished, was assumed to be true, correct, and reliable. A reasonable effort was made to verify such information, but the author assumes no responsibility for its accuracy.

4. The report was made assuming responsible ownership and capable management of the property. The analyses and projections are based on the basic assumption that the apartment complex will be managed and staffed by competent personnel and that the property will be professionally advertised and aggressively promoted

5. The sketches, photographs, and other exhibits in this report are solely for the purpose of assisting the reader in visualizing the property. The author made no property survey, and assumes no liability in connection with such matters. It was also assumed there is no property encroachment or trespass unless noted in the report.

6. The author of this report assumes no responsibility for hidden or unapparent conditions of the property, subsoil or structures, or the correction of any defects now existing or that may develop in the future. Equipment components were assumed in good working condition unless otherwise stated in this report.

7. It is assumed that there are no hidden or unapparent conditions for the property, subsoil, or structures, which would render it more or less valuable. No responsibility is assumed for such conditions or for engineering, which may be required to discover such factors. The investigation made it reasonable to assume, for report purposes, that no insulation or other product banned by the Consumer Product Safety Commission has been introduced into the Subject premises. Visual inspection by the consultant did not indicate the presence of any hazardous waste. It is suggested the client obtain a professional environmental hazard survey to further define the condition of the Subject soil if they deem necessary.

8. A consulting analysis market study for a property is made as of a certain day. Due to the principles of change and anticipation the value estimate is only valid as of the date of valuation. The real estate market is non-static and change and market anticipation is analyzed as of a specific date in time and is only valid as of the specified date.

9. Possession of the report, or a copy thereof, does not carry with it the right of publication, nor may it be reproduced in whole or in part, in any manner, by any person, without the prior written consent of the author particularly as to value conclusions, the identity of the author or the firm with which he or she is connected. Neither all nor any part of the report, or copy thereof shall be disseminated to the general public by the use of advertising, public relations, news, sales, or other media for public communication without the prior written consent and approval of the appraiser. Nor shall the appraiser, firm, or professional organizations of which the appraiser is a member be identified without written consent of the appraiser.

10. Disclosure of the contents of this report is governed by the Bylaws and Regulations of the professional appraisal organization with which the appraiser is affiliated: specifically, the Appraisal Institute.

11. The author of this report is not required to give testimony or attendance in legal or other proceedings relative to this report or to the Subject property unless satisfactory additional arrangements are made prior to the need for such services.

12. The opinions contained in this report are those of the author and no responsibility is accepted by the author for the results of actions taken by others based on information contained herein.

13. All applicable zoning and use regulations and restrictions are assumed to have been complied with, unless nonconformity has been stated, defined, and considered in the appraisal report.

14. It is assumed that all required licenses, permits, covenants or other legislative or administrative authority from any local, state, or national governmental or private entity or organization have been or can be obtained or renewed for any use on which conclusions contained in this report is based.

15. On all proposed developments, Subject to satisfactory completion, repairs, or alterations, the consulting report is contingent upon completion of the improvements in a workmanlike manner and in a reasonable period of time with good quality materials.

16. All general codes, ordinances, regulations or statutes affecting the property have been and will be enforced and the property is not Subject to flood plain or utility restrictions or moratoriums except as reported to the consultant and contained in this report.

17. The party for whom this report is prepared has reported to the consultant there are no original existing condition or development plans that would Subject this property to the regulations of the Securities and Exchange Commission or similar agencies on the state or local level.

18. Unless stated otherwise, no percolation tests have been performed on this property. In making the appraisal, it has been assumed the property is capable of passing such tests so as to be developable to its highest and best use, as detailed in this report.

19. No in-depth inspection was made of existing plumbing (including well and septic), electrical, or heating systems. The consultant does not warrant the condition or adequacy of such systems.

20. No in-depth inspection of existing insulation was made. It is specifically assumed no Urea Formaldehyde Foam Insulation (UFFI), or any other product banned or discouraged by the Consumer Product Safety Commission has been introduced into the appraised property. The appraiser reserves the right to review and/or modify this appraisal if said insulation exists on the Subject property.

21. Acceptance of and/or use of this report constitute acceptance of all assumptions and the above conditions. Estimates presented in this report are not valid for syndication purposes.

ADDENDUM B

Photographs

Subject and Neighborhood Photographs (as of October 29, 2013)

View of Subject from Waimanu Street

View of Subject from Kawaiahao Street

View north along Waimanu Street

View south along Waimanu Street

View north along Kawaiahao Street

View south along Kawaiahao Street

View north from Subject site toward mixed-use retail/condominium building

View east from Subject site toward mixed-use retail/condominium building

View south from Subject site toward commercial uses

View west from Subject site toward auto repair facility

Retail to north

Retail to north

Office building to north

Office building to north

Retail to east

Auto dealership to east

Multifamily to east

Condominiums to northeast

Auto dealership to south

Restaurant to south

Proposed condominiums to south

Commercial uses to south

Commercial uses to south

Commercial uses to south

Commercial uses to west

Commercial uses to west

Commercial uses to west

Commercial uses to west

ADDENDUM C

Qualifications of Consultants

STATEMENT OF PROFESSIONAL QUALIFICATIONS
REBECCA S. ARTHUR, MAI

I. Education

University of Nebraska, Lincoln, Nebraska
Bachelor of Science in Business Administration – Finance

Appraisal Institute
Designated Member (MAI)

II. Licensing and Professional Affiliation

Designated Member of the Appraisal Institute (MAI)
Member of Commercial Real Estate Women (CREW) Network
Member of National Council of Housing Market Analysts (NCHMA)

State of Arkansas Certified General Real Estate Appraiser No. CG2682N
State of California Certified General Real Estate Appraiser No. AG041010
State of Hawaii Certified General Real Estate Appraiser No. CGA-1047
State of Iowa Certified General Real Estate Appraiser No. CG03200
State of Kansas Certified General Real Estate Appraiser No. G-2153
State of Michigan Certified General Real Estate Appraiser No. 1201074011
State of Minnesota Certified General Real Estate Appraiser No. 40219655
State of Missouri Certified General Real Estate Appraiser No. 2004035401
State of Texas Certified General Real Estate Appraiser No. TX-1338818-G

III. Professional Experience

Partner, Novogradac & Company LLP
Principal, Novogradac & Company LLP
Manager, Novogradac & Company LLP
Real Estate Analyst, Novogradac & Company LLP
Corporate Financial Analyst, Deloitte & Touche LLP

IV. Professional Training

Forecasting Revenue, December 2012
USPAP Update, May 2012
How to Analyze and Value Income Properties, May 2011
Appraising Apartments – The Basics, May 2011
Business Practices and Ethics, December 2010
HUD MAP Third Party Training, June 2010
HUD LEAN Third Party Training, January 2010
National Uniform Standards of Professional Appraisal Practice, April 2010
MAI Comprehensive Four Part Exam, July 2008
Report Writing & Valuation Analysis, December 2006

Advanced Applications, October 2006
Highest and Best Use and Market Analysis, July 2005
Advanced Sales Comparison and Cost Approaches, April 2005
Advanced Income Capitalization, October 2004
Basic Income Capitalization, September 2003
Appraisal Procedures, October 2002
Appraisal Principals, September 2001

V. Real Estate Assignments

A representative sample of Due Diligence, Consulting, or Valuation Engagements includes:

- In general, have managed and conducted numerous market analyses and appraisals for various types of commercial real estate since 2001, with an emphasis on multifamily housing and land.

- Have managed and conducted numerous market and feasibility studies for multifamily housing. Properties types include Section 42 Low Income Housing Tax Credit (LIHTC) Properties, Section 8, USDA and/or conventional. Local housing authorities, developers, syndicators, HUD and lenders have used these studies to assist in the financial underwriting and design of mulitfamily properties. Analysis typically includes; unit mix determination, demand projections, rental rate analysis, competitive property surveying, and overall market analysis. The Subjects include both new construction and rehabilitation properties in both rural and metro regions throughout the United States and its territories.

- Have managed and conducted numerous appraisals of multifamily housing. Appraisal assignments typically involved determining the as is, as if complete and the as if complete and stabilized values. Additionally, encumbered LIHTC and unencumbered values were typically derived. The three traditional approaches to value are developed with special methodologies included to value tax credit equity, below market financing and Pilot agreements.

- Performed market studies and appraisals of proposed new construction and existing properties under the HUD Multifamily Accelerated Processing (MAP) program. These reports meet the requirements outlined in HUD Handbook 4465.1 and Chapter 7 of the HUD MAP Guide for 221(d)(4) and 223(f) programs, as well as the LIHTC PILOT Program.

- Performed numerous market study/appraisals assignments for USDA RD properties in several states in conjunction with acquisition rehabilitation redevelopments. Documents are used by states, FannieMae, USDA, and the developer in the underwriting process. Market studies are compliant to State, FannieMae, and USDA requirements. Appraisals are compliant to FannieMae and USDA HB-1-3560 Chapter 7 and Attachments.

- Completed numerous FannieMae and FreddieMac appraisals of affordable and market rate multi-family properties for DUS Lenders.

- Managed and Completed numerous Section 8 Rent Comparability Studies in accordance with HUD's Section 8 Renewal Policy and Chapter 9 for various property owners and local housing authorities.

- Managed and conducted various City and County-wide Housing Needs Assessments in order to determine the characteristics of existing housing, as well as determine the need for additional housing within designated areas.

- Performed numerous valuations of the General and/or Limited Partnership Interest in a real estate transaction, as well as LIHTC Year 15 valuation analysis.

VI. Speaking Engagements

A representative sample of industry speaking engagements follows:

Institute for Professional Education and Development (IPED): Tax Credit Seminars
Institute for Responsible Housing Preservation (IRHP): Annual Meetings
National Council of Housing Market Analysts (NCHMA): Seminars and Workshops
Novogradac & Company LLP: LIHTC, Developer and Bond Conferences
AHF Live! Affordable Housing Finance Magazine Annual Conference
Kansas Housing Conference

STATEMENT OF PROFESSIONAL QUALIFICATIONS
RACHEL BARNES DENTON

I. EDUCATION

Cornell University, Ithaca, NY
School of Architecture, Art & Planning, Bachelor of Science in City & Regional Planning

II. LICENSING AND PROFESSIONAL AFFILIATION

Appraisal Institute Candidate for Designation
Member of National Council of Housing Market Analysts (NCHMA)
Member of Commercial Real Estate Women (CREW) Network
- 2011 and 2012 Communications Committee Co-Chair for the Kansas City CREW Chapter
- 2013 Director of Communications for Kansas City CREW

State of California Certified General Real Estate Appraiser No. AG044228
State of Colorado Certified General Real Estate Appraiser No. 100031319
State of Hawaii Certified General Real Estate Appraiser No. CGA1048
State of Illinois Certified General Real Estate Appraiser No. 553.002012
State of Kansas Certified General Real Estate Appraiser No. G-2501
State of Missouri Certified General Real Estate Appraiser No. 2007035992
State of Oregon Certified General Real Estate Appraiser No. C000951

III. PROFESSIONAL EXPERIENCE

Novogradac & Company LLP, Principal
Novogradac & Company LLP, Manager
Novogradac & Company LLP, Senior Real Estate Analyst

IV. PROFESSIONAL TRAINING

Educational requirements successfully completed for the Appraisal Institute:
- Appraisal Principals, September 2004
- Basic Income Capitalization, April 2005
- Uniform Standards of Professional Appraisal Practice, November 2005
- Advanced Income Capitalization, August 2006
- General Market Analysis and Highest & Best Use, July 2008
- Advanced Sales Comparison and Cost Approaches, June 2009
- Advanced Applications, June 2010
- Standards and Ethics (USPAP and Business Practices and Ethics) – Current for 2010 to 2015 Cycle

Completed HUD MAP Training, Columbus, Ohio, May 2010

Have presented and spoken at both Novogradac conferences and other industry events.

V. REAL ESTATE ASSIGNMENTS

A representative sample of Due Diligence, Consulting, or Valuation Engagements includes:

In general, have managed and conducted numerous market analyses and appraisals for various types of commercial real estate since 2003, with an emphasis on affordable multifamily housing.

Conducted and managed appraisals of proposed new construction, rehab and existing Low-Income Housing Tax Credit properties, Section 8 Mark-to-Market properties, HUD MAP Section 221(d)(4) and 223(f) properties, USDA Rural Development, and market rate multifamily developments on a national basis. Analysis includes property screenings, economic and demographic analysis, determination of the Highest and Best Use, consideration and application of the three traditional approaches to value, and reconciliation to a final value estimate. Both tangible real estate values and intangible values in terms of tax credit valuation, beneficial financing, and PILOT are considered. Additional appraisal assignments completed include commercial land valuation, industrial properties for estate purposes, office buildings for governmental agencies, and leasehold interest valuation. Typical clients include developers, lenders, investors, and state agencies.

Managed and conducted market studies for proposed Low-Income Housing Tax Credit, HUD MAP, market rate, HOME financed, USDA Rural Development, and HUD subsidized properties, on a national basis. Analysis includes property screenings, market analysis, comparable rent surveys, demand analysis based on the number of income qualified renters in each market, supply analysis and operating expense analysis. Property types include proposed multifamily, senior independent living, large family, acquisition/rehabilitation, historic rehabilitation, adaptive reuse, and single family developments. Typical clients include developers, state agencies, syndicators, investors, and lenders.

Completed and have overseen numerous Rent Comparability Studies in accordance with HUD's Section 8 Renewal Policy and Chapter 9 for various property owners and local housing authorities. The properties were typically undergoing recertification under HUD's Mark to Market Program.

Performed and managed market studies and appraisals of proposed new construction and existing properties insured and processed under the HUD Multifamily Accelerated Processing (MAP) program. These reports meet the requirements outlined in HUD Handbook 4465.1 and Chapter 7 of the HUD MAP Guide for 221(d)(4) and 223(f) programs.

Performed and have overseen numerous market study/appraisal assignments for USDA RD properties in several states in conjunction with acquisition/rehabilitation redevelopments. Documents are used by states, lenders, USDA, and the developer in the underwriting process. Market studies are compliant to State, lender, and USDA requirements. Appraisals are compliant to lender requirements and USDA HB-1-3560 Chapter 7 and Attachments.

Performed appraisals for estate valuation and/or donation purposes for various types of real estate, including commercial office, industrial, and multifamily assets. These engagements were conducted in accordance with the Internal Revenue Service's Real Property Valuation Guidelines, Section 4.48.6 of the Internal Revenue Manual.

Conducted a Highest and Best Use Analysis for a proposed two-phase senior residential development for a local Housing Authority in the western United States. Completed an analysis of existing and proposed senior supply of all types, including both renter and owner-occupied options, and conducted various demand analyses in order to determine level of need and ultimate highest and best use of the site.

Prepared a three-year Asset Management tracking report for a 16-property portfolio in the southern United States. Data points monitored include economic vacancy, levels of concessions, income and operating expense levels, NOI and status of capital projects. Data used to determine these effects on the project's ability to meet its income-dependent obligations.

Performed a community-wide affordable housing market analysis for a medium-sized city in the Midwest. Analysis included demographic and demand forecasts, interviews with local stakeholders, surveys of existing and proposed affordable supply, and reconciliation of operations at existing supply versus projected future need for affordable housing.

Managed a large portfolio of Asset Management reports for a national real estate investor. Properties were located throughout the nation, and were diverse in terms of financing, design, tenancy, and size. Information compiled included income and expenses, vacancy, and analysis of property's overall position in the market.

STATEMENT OF PROFESSIONAL QUALIFICATIONS
K. DAVID ADAMESCU

I. Education

The Ohio State University, Columbus, OH
Masters of City and Regional Planning
Bachelors of Arts, Economics

II. Professional Experience

Real Estate Analyst, Novogradac & Company LLP
Project Director, VWB Research
Field Analyst, The Danter Company

III. Real Estate Assignments

A representative of assignments relating to research and market feasibility studies includes:

- Written and supervised the production of affordable rental housing market studies for projects located throughout the continental United States as well as Alaska. The preponderance of experience is with the Section 42 Low-income Housing Tax Credit, HUD Section 8, and USDA Rural Development programs.

- Additional experience authoring market feasibility analyses for market-rate rental housing, condominium housing, single-family housing, senior-oriented housing, seasonal housing, retail, office, golf course/marina resorts, and mixed-use developments.

- Assisted in numerous appraisals of proposed LIHTC rental housing, commercial office, and commercial retail properties. Analysis typically includes physical inspection of the property and market, concept analysis, demographic and economic analysis, demand and absorption projections, comparable surveying, supply analysis and rent determination, operating expense analysis to determine cost estimates, capitalization rate determination, valuation utilizing the three approaches to value, insurable value estimation, and LIHTC equity valuation.

- Conducted special research for highest and best use evaluations, the impact of “green” development principals on marketability, and seasonal housing dynamics.

- Reviewed third-party market studies and appraisals for investors in the secondary market.

ADDENDUM D

Market Analyst Certificate of Good Standing

Department of Commerce and Consumer Affairs

CERTIFICATE OF GOOD STANDING

I, the undersigned Director of Commerce and Consumer Affairs of the State of Hawaii, do hereby certify that

NOVOGRADAC & COMPANY LLP

registered under the laws of California

was duly registered to do business in Hawaii as a foreign limited liability partnership on 05/20/2013 , and that, as far as the records of this Department reveal, has complied with all of the provisions of Chapter 425, Hawaii Revised Statutes, regulating foreign limited liability partnerships.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Department of Commerce and Consumer Affairs, at Honolulu, Hawaii.

Dated: April 15, 2015

Director of Commerce and Consumer Affairs

To check the authenticity of this certificate, please visit: http://hbe.ehawaii.gov/documents/authenticate.html
Authentication Code: 230114-COGS_PDF-2970K6

Appendix C

A Literature Survey of Previous Archaeological Studies in the Vicinity of the Proposed 803 Waimanu Housing Project

SCS Project No. 1650-PA-1

A LITERATURE SURVEY OF PREVIOUS ARCHAEOLOGICAL STUDIES IN THE VICINITY OF THE PROPOSED 803 WAIMANU HOUSING PROJECT MAKIKI AHUPUA`A, HONOLULU (KONA) DISTRICT O`AHU ISLAND, HAWAII [TMK: (1) 2-1-049:050, 070, 072]

Prepared by:
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and
Robert L. Spear, Ph.D.

October 2014

Prepared for:
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1541 South Beretania Street, Suite 101
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At the request of Lia Powers, of Coastal Rim Properties, SCS has conducted a literature survey of previous archaeological studies in the vicinity of the proposed 803 Waimanu Housing Project. Located in downtown Honolulu, Makiki Ahupua`a, Honolulu (Kona) District, O`ahu Island, Hawai`i [TMK: (1) 2-1-049:050, 070, 072] the approximately 0.48-acre project area is bounded on the north by Waimanu Street, on the south by Kawaiahao Street, and by residential condominiums and commercial structures to the east and west.

The project area is located on the nearly-level coastal plain of Kakaʻako, in southern Oʻahu. Sediments within the project area are designated Mixed Fill Land (FL) (Foote *et al.* 1972: Sheet 62). Mixed Fill Land is described as land used for urban development, filled with "materials dredged from the ocean or hauled from nearby areas, garbage, and general material from other sources" (Foote *et al.* 1972:31). This filling and subsequent development of the low-lying marshes and fish ponds of the Kakaʻako area gradually changed it into its present fully urbanized character. The project area receives approximately 600 mm (24 in.) of annual rainfall (Giambelluca *et al.* 1986). The project area is entirely built up, and the surrounding area is urban, with a mix of industrial warehouses, low-rise commercial buildings, and high-rise residential buildings.

CULTURAL HISTORICAL CONTEXT

Until the end of the 19th century, Kakaʻako was considered to be something of a wasteland, or empty space, between the better-known locations of Kou (modern-day Honolulu) and Waikīkī. Recent archaeological projects, associated with development and construction in the area, have documented several large cemeteries dating from the earlier historic period and perhaps late pre-Contact times. Otherwise, the place was known for its low-lying marshes, fishponds and salt making near the coast, and for the barren, uncultivated plain that lay behind the marches and ponds. In the second half of the nineteenth century this changed; population pressure in Honolulu led to urban expansion, with the infilling of marshes and pond lands and subsequent development into the Kakaʻako area. From the end of the 1800s until the 1940s, Kakaʻako developed into a large residential and industrial mixed use area, with Hawaiian, Portuguese, Japanese, Chinese, and Filipino enclaves. In 1941, the area was rezoned from mixed use residential to a predominantly industrial focus, and many of the residents moved away (O'Hare *et al.* 2012:21). Many of the industrial users have closed or moved to Central or West Oʻahu, and current development is focused upon bringing back residential, mercantile, and commercial activities into Kakaʻako.

PREVIOUS ARCHAEOLOGICAL STUDIES

At least twenty-two previous archaeological studies have been conducted within 500 meters of the project area. These are depicted on Figure 1 and briefly summarized in Table 1, below.

Schiltz (1991) evaluated the archaeological resources at the proposed Queen Emmalani Tower project, based on a study conducted by ERC Environmental and Energy Services Company in February 1991. This report included a summary of archival references and previous archaeology of the general Kaka‘ako area. Based on background information searches and subsurface testing related to environmental remediation within the parcel the report concluded that no additional archaeological work other than archaeological monitoring of construction-related subsurface excavations would be necessary.

In June of 1991, Carol Kawachi, staff archaeologist at SHPD, monitored construction at the Queen Emmalani Tower following the discovery of a human cranium in a backdirt pile. In addition to the fragmented cranium, a single left humerus, midden, and fragments of Historic artifacts were also recovered from the backdirt piles. The skeletal remains were designated as Site 50-80-14-1604. Due to their discovery in backdirt piles, the subsurface provenience of the human skeletal remains could not be determined.

Douglas (1991) documented eight human burials identified during the construction of the Pohulani Elderly Housing Project at the corner of Queen and Coral Streets. The burial area was designated as Site 50-80-14-4380. Five of the eight burials were disinterred and relocated. These individuals were concluded to be of Hawaiian ancestry. Additional burials encountered during waterline trenching between Coral and Queen Streets were considered to be associated with Site 4380.

During an Archaeological Inventory Survey (AIS) on Queen Street, at the site of the former American Brewery, Hammatt and Pfeffer (1993) excavated 21 test trenches in an effort to define the boundary of the Honuakaha Cemetery (Site 50-80-14-3712). Three refuse pits associated with the brewery and twenty-nine burial pits were located. Eleven of the burials were disinterred to preserve the structural integrity of the proposed Honuakaha Affordable Housing building.

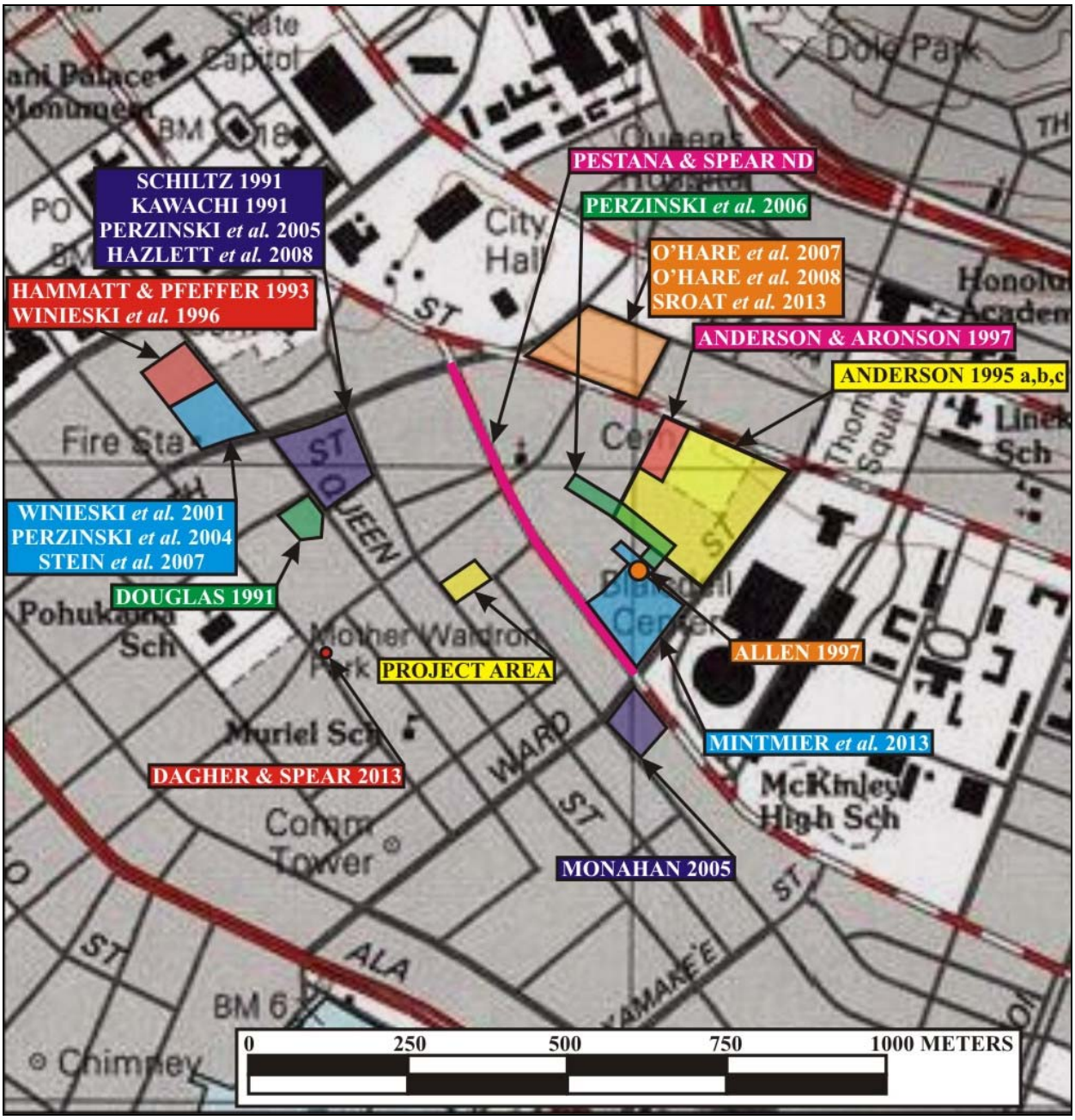

Figure 1: Locations of previous archaeological investigations in vicinity of the project area

Table 1. List of Previous Archaeological Studies in the Vicinity of the Project Area.

Author	Year	Level	Description
Schiltz	1991	assessment	Assessment of Archaeological Resources at the Proposed Queen Emmalani Tower Project
Kawachi	1991	monitoring	Queen Emmalani Tower - 1 human cranium and 1 femur from backdirt pile
Douglas	1991	monitoring	8 burials were recorded and 5 reinterred during construction of Pohulani Elderly Housing
Hammatt & Pfeffer.	1993	AIS	29 burial pits identified in the Brewery and Honuakaha Affordable Housing parcel
Anderson a,b,c	1995	AIS	Identified a historic habitation site consisting of rubbish pit features and an outhouse pit
Winieski *et al.*	1996	monitoring	33 burials recorded and 11 disinterred, 14 more inadvertently discovered during monitoring
Anderson &Aronson	1997	monitoring	29 inadvertent burial discoveries during construction of One Archer Lane
Allen	1997	monitoring	monitoring during geotechnical borings produced no findings
Winieski *et al.*	2001	monitoring	monitoring during geotechnical borings produced no findings, cinder and sand sediments under fill
Perzinski *et al.*	2004	AIS	12 backhoe trenches excavated, no findings in footprint of new fire department building
Monahan *et al.*	2005	AIS	9 backhoe trenches excavated, no findings
Perzinski *et al.*	2005	AIS	13 backhoe trenches dug, 2 more isolated skeletal fragments and 3 historic features recorded
Stein *et al.*	2007	monitoring	monitoring during construction of fire department headquarters, utility trenches, imported fill layers
O'Hare et al	2007	AIS	28 backhoe trenches dug, 3 burials (2 historic, 1 undetermined), 7 trash pits
O'Hare et al	2008	BTP	burial treatment for the 3 burials discovered during the previous AIS testing
Hazlett *et al.*	2008	monitoring	2 additional isolated skeletal fragments discovered from fill sediments, no additional features
Sroat *et al.*	2013	monitoring	3 additional trash pits were recorded and designated as features of Site 50-80-14-6901
Dagher & Spear	2013	BTP	Burial Treatment for 1 burial disturbed during posthole excavations
Mintmier *et al.*	2013	AIS	Identified 5 Historic subsurface features (3 utility trenches, 1 concrete foundation, 1 metal slag deposit)
Pestana & Spear	pending	monitoring	Identified 1 Historic foundation, wall segments, and 2 trash pits, as well as pond sediments

Anderson (1995a, b, c) conducted historical background research, archaeological inventory survey, and subsurface testing in support of construction at the corner of South King Street and Ward Avenue. Anderson documented 1 Historic habitation site (50-80-14-5373) consisting of rubbish pit features and one outhouse pit. Collected artifacts (including glass bottles, ceramic fragments, butchered bone, and metal fragments) dated between 1815 and 1929.

During construction monitoring for the Honuakaha Affordable Housing project, Winieski et al (1996) identified a total of 16 sets of human skeletal remains associated with the 1853 Honuakaha small pox cemetery, along with Historic artifacts dated from the 1880s to early 1900s. The majority of the burials were reinterred within a specially constructed crypt beneath an open garden area of the property (Site 50-80-14-3712).

Anderson and Aronson (1997) recorded 30 inadvertent burial discoveries during construction monitoring at One Archer Lane. These burials were associated with the Catholic Cemetery located immediately adjacent to the western edge of the study parcel.

Allen (1997) monitored geotechnical borings at the northern corner of a parcel at the corner of Kapiolani Boulevard and Ward Avenue, and developed a stratigraphic sequence for the parcel. No human remains or cultural materials were observed from the bore locations.

Winieski *et al.* (2001) monitored 10 geotechnical borings in the proposed Honolulu Fire Department (HFD) Headquarters parcel at the corner of Queen and South Streets. No human remains or cultural materials were observed from the bore locations. The borings revealed the presence of intact native sand and cinder below layers of fill material.

Perzinski *et al.* (2004) excavated 12 backhoe trenches during an AIS in the area of the proposed HFD Headquarters building at the corner of Queen and South Streets. No burials or other cultural remains were encountered.

Monahan (2005) excavated 9 backhoe trenches during an AIS in a parcel at the corner of Ward Avenue and Kapiolani Boulevard. No burials or other cultural remains were encountered. Most of the trench excavations were confined to layers of fill material. Because the trenches did not reach undisturbed natural sediments, archaeological monitoring was recommended for any future excavations in the study parcel.

During an AIS for the proposed Keola Lai project at the corner of Queen and South Streets (the same parcel previously studied by Schiltz [1991] and Kawachi [1991]), Perzinski *et al.* (2005) discovered isolated human skeletal fragments (a mandible fragment and a fragment of femur shaft), historic refuse features, and some structural remnants (a concrete slab and associated wall). A total of 13 backhoe test trenches were excavated based on historic maps that showed the location of former structures in the study parcel. Two sites were documented; the isolated human skeletal remains were designated to be additional features of Site 50-80-14-1604, previously documented by Kawachi) and remnants of the historic occupation of the area (Site 50-80-14-6766). The three features of Site 6766 consisted of a historic refuse pit, a remnant concrete slab and an associated wall structure, and an in-filled posthole. Based on the extant remnant features encountered during the fieldwork, archaeological monitoring was recommended during construction. The report also recommended the preparation of a burial treatment plan for the extant, as well as any additional human remains potentially discovered during future construction monitoring. The authors concluded that the historic occupation likely represented the earliest intensive utilization of the parcel and area, starting with the infilling of wetlands and followed by compounded episodes of development and redevelopment. The stratigraphic data indicated five to seven historic and modern fill layers overlying the natural marshy sediments.

Stein *et al.* (2007) monitored construction of the HFD Headquarters building between 2004 and 2006, and, like Winieski *et al.* (2001), documented imported fill layers above undisturbed sand deposits and pockets of volcanic cinder. No intact cultural deposits or human remains were encountered.

O'Hare *et al.* (2007) documented 3 burials discovered during an AIS conducted in support of the construction of the Alapai Transit Center, located near the corner of South King Street and Alapai Street. Twenty-eight backhoe trenches were excavated during subsurface testing;. In addition to the 3 burials, 7 trash pits were discovered during testing and were designated as features of Site 50-80-14-6901. Test excavations also identified a "blacker-colored disturbed clay loam alluvium (Makiki clay loam) that contained cultural materials such as pottery, glass, and burned and rusted metal" (O'Hare *et al.* 2007:24).

O'Hare *et al.* (2008) prepared a burial treatment plan was prepared for the three burials discovered during the AIS testing documented in O'Hare *et al.* 2007. The burials were reinterred in a burial preserve (Site 50-80-14-6902) within a landscaped area along Ke Ala Makai Street.

Hazlett *et al.* (2008) monitored archaeological monitoring during construction of the Keola Lai project. Particular emphasis was placed on monitoring in the vicinity of the five features identified during the preceding AIS and the potential presence of additional skeletal remains. Finds within the fill layers included two additional isolated skeletal remains, as well as historic refuse and midden. No additional intact cultural deposits were encountered.

Sroat *et al.* (2013) monitored construction of the Alapai Transit Center in 2010-2011. Three additional trash pits were recorded and designated as features of previously documented State Site 50-80-14-6901 but no additional human remains were encountered.

Dagher and Spear (2013) prepared a burial treatment plan was prepared for a single burial discovered during manual excavations of postholes associated with the construction of an above-ground transformer box at the intersection of Halekauwila and Cooke Streets. The newly identified archaeological site was subsequently designated State Site 50-80-14-7260. This site consisted of a partial (approximately 30 percent recovered and approximately 70 percent dislocated) set of displaced human skeletal remains and Pre- or Early Post-Contact and Historic-artifacts recovered from the excavated sediments. The burial was reinterred in a burial preserve on the property.

Mintmier *et al.* (2013) excavated 13 backhoe trenches during an AIS for the Symphony Honolulu project at the corner of Ward Avenue and Kapiolani Boulevard. Five Historic subsurface features were documented, including 3 utility trenches, 1 concrete foundation, and 1 deposit of metal slag.

Pestana and Spear (in preparation) monitored excavations associated with the Kapiolani Boulevard Reconstruction project along Kapiolani Boulevard from South Street to Ward Avenue. One new site (State Site 50-80-14-7685) was documented. The site consisted of the foundation of a brick wall as well as two Historic rubbish pits. In addition, two new undocumented portions of State Site 50-80-14-6636, the 'Kewalo Wetland' site, were also identified and recorded.

EXPECTED FINDINGS IN THE PROJECT AREA

Based on the historical development of Kaka‘ako as well as the results of 22 previous archaeological studies in the vicinity of the current project area, excavations in the project area may discover Pre- or Post-Contact human burials even though the project area is completely built up. In addition to burials, excavation in the project area is highly likely to reveal buried remnants of previous buildings, remnants of historic utility trenches, historic rubbish deposits, or pond sediments associated with previously documented State Site 50-80-14-6636, the ‘Kewalo Wetland.’

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Appendix D

Phase 1 Environmental Site Assessment

PHASE I ENVIRONMENTAL SITE ASSESSMENT

803 Waimanu Street
Honolulu, HI 96813
TMK NOs. (1) 2-1-049-050, (1) 2-1-049-070, (1) 2-1-049-072

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Project No. 2014-0228
January 19, 2015

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  - Historical Topographic Map Report
  - City Directory Image Report
  - Building Permit Report
  - Vapor Encroachment Screen
- Appendix E - Supplemental Information
- Appendix F - Environmental Professional's Resume

Executive Summary

A Phase I Environmental Site Assessment (ESA) was conducted by Muranaka Environmental Consultants, Inc. (MEC) on the property located at 803 Waimanu Street, Honolulu, the Island of Oahu, Hawaii 96813 (The "Site")(Tax Map Key nos. (1) 2-1-049-050, (1) 2-1-049-070, and (1) 2-1-049-072).

This Phase I Environmental Site Assessment's onsite inspection was conducted on December 18, 2014 and indicated the following:

At the time of the inspection, the Site consisted of four separate structures. One structure on the TMK (1) 2-1-049-050 parcel, a 3880 ft^2 wood frame structure built in 1951 with a 6000 ft^2 wood frame shed added on in 1957 (Appendix A, photo 1). There were two structures on the TMK (1) 2-1-049-070 parcel, a 3250 ft^2 steel frame structure built in 1947 and a 1750 ft^2 wood frame structure built in 1957 (Appendix A, photos 8-10). There was one structure on the TMK (1) 2-1-049-072 parcel, a 5900 ft^2 masonry construction structure built in 1939 (Appendix A, photos 11-13).

Building components found to contain asbestos in a previous Phase II report were still present at the Site: the silver roof coating and black roof patching material. There were no new suspect asbestos-containing materials. Should these building components become damaged or disturbed for renovation purposes all State and Federal regulations concerning asbestos-containing material must be observed.

Building components found to contain lead in a previous Phase II report were likely still present at the Site. It is important to note that the lead-containing paint may be under layers of more recent paint. Should these building components become damaged or disturbed for renovation purposes all State and Federal regulations concerning lead-containing and lead-based paint must be observed.

The historical record search did not reveal any Recognized Environmental Conditions (RECs) for the Site or issues on adjoining properties that have contaminated the Site. Review of public documents from the State of Hawaii, Department of Health, Hazard Evaluation and Emergency Response (HEER) Office showed no additional environmental concerns for the Site.

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of 803 Waimanu Street, Honolulu, Hawaii, the "Site". This assessment has revealed no evidence of Recognized Environmental Conditions in connection with the Site.

1.0 Introduction

A Phase I Environmental Site Assessment (ESA) was conducted by Muranaka Environmental Consultants, Inc. (MEC) on the property located at 803 Waimanu Street, Honolulu, the Island of Oahu, Hawaii 96813 (The "Site")(Tax Map Key nos. (1) 2-1-049-050, (1) 2-1-049-070, and (1) 2-1-049-072).

1.1 Purpose

The purpose of this Phase I ESA was to determine the presence of environmental impacts, petroleum products, and other environmentally hazardous substances/wastes; and to identify the potential sources of suspected contaminants at the Site by a qualified Environmental Professional (EP).

1.2 Scope of Work

- This Phase I ESA was conducted in accordance with American Society of Testing and Materials (ASTM) Standard practice E1527-13 entitled, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process".

- Duties of the EP: 1) Review results of an inquiry by an environmental professional; 2) Interview past and present owners, operators, and occupants of the facility for the purpose of gathering information regarding the potential for contamination at the facility; 3) Review historical sources, such as chain of title documents, aerial photographs, building department records, and land use records to determine previous uses and occupancies of the Site since the property was first developed; 4) Search for recorded environmental cleanup liens against the facility that are filed under federal, state, or local law; 5) Review federal, state, and local government records; waste disposal records; underground storage tank records; and hazardous waste handling, generation, treatment, disposal, and spill records concerning contamination at or near the facility.

- Duties of the User: 1) Search for recorded environmental cleanup items; 2) Consider "specialized knowledge" of the Site and adjoining properties; 3) Consider the relationship of the purchase price to the value of the Site, if not contaminated; 4) Consider commonly known information about the Site; 5) Consider the "degree of obviousness of contamination".

- No invasive sampling e.g., collection of soil and/or ground water, was conducted in the performance of this ESA. Suspected hazardous materials, such as petroleum products, lead based paints, and asbestos containing materials, which may be described herein, have been identified on the basis of visual observation and experience with similar materials.

1.3 Limitations and Conditions

Although this Phase I Environmental Site Assessment provides information on the relative presence or absence of suspected environmental contaminants at the Site, it should be recognized that unless otherwise specified in the scope of work, the information, conclusions, and recommendations presented herein are based solely upon research of available information and visual observations made at the Site and its vicinity. Adverse environmental conditions, which may be described herein are suspected conditions and have not been verified by invasive sampling and testing. Similarly, if no suspect conditions are identified herein, this report should not be construed as a final statement that the Site is completely free of contamination.

The information set forth is based solely on the agreed upon scope of services. The presence of subsurface contamination, asbestos-containing materials, lead based paints, radioactive materials, and biological hazards were not specifically investigated unless otherwise specified in the scope of work. If sampling and testing efforts were conducted as part of this assessment these efforts were based on an agreed upon scope of services and should be considered to be limited in nature. The intent of such limited sampling and testing has been to provide a basic level of screening for the target materials or substances and that such limited testing should *not* be construed to be a completed survey or investigation to identify the full extent of such materials, which may be present within the Site. Due to the limited nature of any such sampling and testing that may have been conducted there is a possibility that not all of the target materials or substances were identified or quantified.

Given the often obscure and elusive nature of hazardous substances it is never possible to absolutely dismiss the possibility of site contamination, even with exhaustive sampling and testing. Muranaka Environmental Consultants, Inc. expressly disclaims any and all liability representations, expressed, or implied, contained in, or for omissions from this report, or any other written or oral communication, which might be interpreted as establishing the total extent of all liability present at the Site.

Our services have been performed with the usual thoughtfulness and competence of the consulting profession, in accordance with the standards for professional services at this time. No other warranty or representation, expressed or implied, is included or intended.

2.0 Site Description

2.1 Site Location and Description

The Site was located at 803 Waimanu Street, Honolulu, HI 96813 (Appendix A, photo 1; Appendix B, p.1). The Site consisted of three parcels of land with a total area approximately 0.4865 acres. The Site was zoned as Kakaako Community Development District, which is governed by the State of Hawaii and was used for industrial purposes.

The entire land area of the Site was covered by four separate structures. There was one structure on the TMK (1) 2-1-049-050 parcel, a 3880 ft^2 wood frame structure built in 1951 with a wood frame shed added on in 1957 (Appendix A, photo 1). There were two structures on the TMK (1) 2-1-049-070 parcel, a 3250 ft^2 steel frame structure built in 1947 and a 1750 ft^2 wood frame structure built in 1957 (Appendix A, photos 8-10). There was one structure on the TMK (1) 2-1-049-072 parcel, a 5900 ft^2 masonry construction structure built in 1939 (Appendix A, photos 11-12).

2.2 Site and Vicinity General Characteristics

The Site was situated in the Kaka`ako neighborhood of the City and County of Honolulu on the Island of Oahu. The area consisted predominately of light industrial and commercial properties with some high-rise apartment buildings (Appendix B, p.1). The Pacific Ocean was 0.61 miles to the south of the Site.

2.3 Regional Physiographic Conditions

The Site was situated on the southern coastal plain beneath the Ko`olau Mountains. The topography of the Site was level with little to no topographic relief in the area. The elevation of the Site, from USGS Topographic Maps and Global Positioning System (GPS), was approximately 3 feet above mean sea level (Appendix B, p.2).

2.4 Soil and Geologic Conditions

The dominant soil composition on the Site had been classified by the U.S. Department of Agriculture as “Fill land, mixed”. This gravelly to fine sandy loam soil is well-drained with low runoff potential (Appendix D, EDR Radius Map).

The soils of this region were created from the weathering of coral reef as well as basaltic bedrock that forms the Ko`olau mountains. The basaltic bedrock resulted from volcanic processes driven by a convective anomaly within the Earth, commonly called a ‘Hot Spot’, which brings hot magma from the depths up to the Earth’s surface (Macdonald, Abbot, & Peterson, 1983).

2.5 Ground Water Conditions

The Site was situated below (Makai) the Underground Injection Control (UIC) line in this area of Hawaii. Groundwater Makai of the UIC line is considered to be unsuitable as a drinking water source. The UIC line was established by the State of Hawaii to protect ground water resources.

2.6 Current Property Usage

At the time of the onsite inspection the Site was owned by Action Development LLC (fee owner). At the time of this report the Site was occupied by several different businesses. The parcel along Waimanu Street was occupied by L&L Transmission and Motor Repair, Imperial Auto Repair, and one unit served as storage. The parcels along Kawaiahao Street were occupied by JRK Auto Body, Hawaiian Rush Longboards (a surfboard manufacturer), one unit served as storage, and one was vacant.

2.7 Previous Property Usage

The Site was undeveloped from 1914 through 1927, served as lumber storage and carpenter’s workshop from 1950 through 1956, and a woodworking shop and sash and door manufacturer from 1962 through 1999. (Appendix D, Certified Sanborn Map Report and City Directory Report). Action Development, LLC purchased the Site from Ching Family Enterprises Limited Partnership in July 2007.

3.0 User Provided Information

3.1 Title Records

As per the City and County Property Tax Office, the site fee owner was Action Development LLC (Appendix E, City and County of Honolulu Property Tax Office).

3.2 Reason for Performing Phase I ESA

Environmental due diligence.

3.3 Previous Environmental Investigations

At the time of this investigation there were two previous Phase I Environmental Site Assessment reports, one Phase II Environmental Site Assessment, and one Toxicity Characteristic Leaching Procedure (TCLP) Survey. The Phase I report conducted in June 2006 found one Recognized Environmental Condition (REC) in association with an adjoining property to the east occupied by BMW of Honolulu. Petroleum was found on March 24, 1999 in the groundwater 5.5 feet below the surface during the course of building renovations at the BMW dealership. The contractor applied sorbent to clean up the petroleum but no sampling occurred. No Further Action status was issued in January 2001 with controls restricting use without further sampling. The Phase I report conducted in June 2007 found no RECs given the Phase II report conducted in August 2006, which found levels of petroleum contaminants were below the Hawaii DOH Environmental Action Levels (EALs). This finding invalidates the REC status for the Site. The Phase II report also involved an asbestos and lead survey, which found asbestos in silver roof coating and black roof patching material; and lead in white, blue, and yellow paint on the interior and exterior of the buildings. The TCLP Survey conducted in September 2006 found that the building materials were not considered an EPA RCRA hazardous waste.

3.4 ASTM User Questionnaire

The User of this report has completed the ASTM E1527-13 User Questionnaire, which has been included in Appendix C of this report.

4.0 Records Review

4.1 Review of Federal and State Regulatory Agency Databases

An investigation was conducted of State and Federal Regulatory databases to identify if the Site encountered contamination by hazardous materials/wastes, or if any off-site facilities present a potential for adverse environmental effects on the Site (Appendix D, EDR Radius Map Report).

4.1.1 US EPA Hazardous Substance Release

The Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) contains data on potentially hazardous waste sites that have been reported to the US EPA 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.

There are no (0) CERCLIS properties within a ½ mile radius of the Site.

4.1.2 US EPA CERCLIS No Further Remedial Action Planned (CERCLIS-NFRAP)

A CERCLIS-NFRAP site may be a location where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration.

There were three (3) CERCLIS-NFRAP sites within a ½ mile radius of the Site.

Based on the reviewed CERCLIS-NFRAP data, no Recognized Environmental Conditions were identified for the Site.

4.1.3 US EPA Resource Conservation Recovery Act Corrective Action List (RCRA CORRACTS)

CORRACTS is a list of handlers with RCRA Corrective Action Activity.

There was one (1) facility within a 1 mile radius of the Site that was currently undergoing corrective actions issued by the US EPA that treat, store, and/or dispose of hazardous materials.

The RCRA CORRACTS handler, Honolulu Generating Station, at 170 Ala Moana Boulevard had been in violation for human exposure and contaminated groundwater but violations were under control and the property assigned a low corrective action priority as of December 2014.

Based on the reviewed RCRA CORRACTS data, no Recognized Environmental Conditions were identified for the Site.

4.1.4 RCRA Info

RCRA Info 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. RCRA Info replaces data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites that 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 kilograms (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 (LQG) generate over 1,000 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.

There were four (4) RCRA-SQG, eleven (11) RCRA-CESQG, and no (0) RCRA-LQG within a ¼ mile radius of the Site.

Several of the RCRA-SQG up-gradient from the Site received notice of a RCRA violation. Ward Avenue Complex at 820 Ward Avenue was cited with one violation in October 2006 and became compliant in August 2006. Victoria Ward Ltd. at 956 Queen Street was cited with four violations in January 2009 and became compliant in April 2014. York International Inc. at 851 Pohukaina

Street was cited with three violations in April 1998 and became compliant in May 1998.

None of the RCRA-CESQG up-gradient from the Site received notice of a RCRA violation.

Based on the reviewed RCRA Info data, no Recognized Environmental Conditions were identified for the Site.

4.1.5 EPA Emergency Response Notification System (ERNS)

There were no (0) emergency spills or releases of hazardous substances reported to the EPA at the Site.

4.1.6 US Environmental Protection Agency (EPA) National Priorities List (NPL or Superfund)

There were no (0) facilities listed on the National Priorities List (Superfund Site) within a 1 mile radius of the Site.

4.1.7 Brownfields Site List

There were two (2) properties within a ½ mile radius of the Site listed on the Brownfields Site List.

Contaminated soil and groundwater were found at both brownfield sites. Contaminants included elevated levels of petroleum constituents, lead, arsenic, iron, cadmium, cobalt, copper, nickel, zinc, and PAHs. Both Brownfield sites were located down-gradient from the Site, making transport of contaminates to the Site unlikely.

Based on the reviewed Brownfields Site data, no Recognized Environmental Conditions were identified for the Site.

4.1.8 Department of Defense (DOD)

DOD properties are federally owned or administered lands, administered by the Department of Defense, that have any area at or greater than 640 acres within the United States, Puerto Rico, and the U.S. Virgin Islands.

There were no (0) DOD properties within a 1 mile radius of the Site.

4.1.9 Material Licensing Tracking System (MLTS)

The 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.

The Site and adjoining properties were not listed on the MLTS. Straub Clinic and Hospital's Department of Nuclear Medicine, 0.296 miles from the Site was listed as having an active license.

Based on the reviewed MLTS data, no Recognized Environmental Conditions were identified for the Site.

4.1.10 State Landfill Facilities (SWF/LF Sites)

There were no (0) State registered landfill or solid waste disposal sites within a ½ mile radius of the Site.

4.1.11 State Hazardous Waste Sites (SHWS)

The State's Hazardous Waste Site records are the state's 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 are identified along with sites where cleanup will be paid for by potentially responsible parties.

There were fifty-three (53) SHWS listed within a 1 mile radius of the Site.

All but thirteen SHWS had No Further Action (NFA) status. The one high priority SHWS without NFA status managed the hazard with controls.

Based on the reviewed SHWS data, no Recognized Environmental Conditions were identified for the Site.

4.1.12 State Registered Underground Storage Tanks (UST)

There were fourty-one (41) underground storage tanks registered with the Hawaii DOH (HDOH) that were located within a ¼ mile radius of the Site. There was no record of release to soil on record.

The Site had no (0) registered USTs.

Other databases which record leaks and/or spills from underground storage tanks would include the USTs listed herein.

Based on the information reviewed for UST sites, no Recognized Environmental Conditions were identified for the Site.

4.1.13 State Leaking Underground Storage Tank (LUST)

As of 09/17/2014, the EDR database reported sixty-eight (68) LUST sites that were listed on the Hawaii State database regarding leaking underground storage tank (DOH-LUST) facilities within a ½ mile radius from the Site.

All but two of the registered LUST sites recorded within ½ mile of the Site were classified by the DOH as having NFA (No Further Action) status. NFA is a designation letter from the State of Hawaii, Department of Health classifying that the site requires no more remedial action.

The two LUST sites without NFA status were located at the Honolulu Police Department, 801 South Beretania Street, 0.366 miles away; and at Pflueger Acura, 777 Ala Moana Boulevard, 0.417 miles away.

Based on the information reviewed for LUST sites, no Recognized Environmental Conditions were identified for the Site.

4.1.14 Volunteer Response Program Sites (VCP)

There is one (1) property within a ½ mile radius of the Site listed on the VCP.

The VCP for Chuei Shokoh, Inc. at 825 Kapiolani Boulevard was created in response to petroleum contamination in soil and groundwater. The contamination was managed with engineering controls.

No Recognized Environmental Conditions were identified for the Site.

4.1.15 Institutional Controls

Institutional Controls are properties under the Hawaii Department of Health's Voluntary Remediation Program and Brownfields sites with institutional controls in place.

There were seven (7) properties within a ½ mile radius of the Site listed as having institutional controls in place with either the US EPA or the Hawaii Department of Health.

No Recognized Environmental Conditions were identified for the Site.

4.1.16 Engineering Controls

There were nine (9) properties within a ½ mile radius of the Site listed as having an engineering control. No engineering controls were listed for the Site.

No Recognized Environmental Conditions were identified for the Site.

4.1.17 Drycleaners

There were no (0) drycleaners listed within ¼ mile of the Site.

4.2 Aerial Photo Decade Package

EDR's Aerial Photo Decade Package was available for the years 1952, 1968, 1975, 1978, 1985, 1992, 2000, and 2004.

Images are not detailed enough to accurately determine changes to the Site itself.

According to the Aerial photos the Kaka`ako area was occupied by large warehouses and small dwellings with many large trees in 1952. By 1975 most of the small dwellings had been replaced by larger buildings and trees in the area were scarce. Between 1975 and 2004 there were no significant changes noted in the aerial photographs.

Based on the aerial photos reviewed, no Recognized Environmental Conditions were identified for the Site.

4.3 Review of Sanborn Fire Insurance

Sanborn maps document historical property use by displaying property information through words, abbreviations, and map symbols. Sanborn

Fire Insurance Maps were available for the years 1914, 1927, 1950, 1955, 1956, 1962, 1975, 1976, 1977, 1986, 1991, and 1993.

According to the available Sanborn maps the Site had no structures until 1950. Between 1950 and 1993 the Site was occupied by a woodworking/carpentry business. From 1962 to 1993 the Site was also occupied by a sash and door manufacturer.

Comparison of consecutive Sanborn maps shows the surrounding area had been a mix of commercial, industrial, and residential properties. In the 1914 map, surrounding properties accommodated stables, dwellings, and warehouses. In the 1927 map, surrounding properties accommodated cold storage, a building materials company, sheet metal works, and various warehouses. In the 1950 map, surrounding properties accommodated warehouses, Hawaii Brewing Corporation, chemical manufacturing, and many dwellings. In the 1955, 1956, and 1962 maps, surrounding properties accommodated the Hawaii Brewing Corporation, several auto repair businesses, a food processing warehouse, cold storage, Clorox bleach manufacturing, and a sewing machine repair shop. In the 1975, 1976, 1977, and 1986 maps, surrounding properties accommodated welding, a food processing warehouse, auto repair shops, cold storage, and various warehouses. In the 1991 and 1993 maps, surrounding properties accommodated high-rise apartment buildings, auto repair, and various warehouses.

Based on the available Sanborn maps reviewed, no Recognized Environmental Conditions were identified for the Site.

4.4 Property Tax Map

The Tax Map detailing the Site and surrounding area did not reveal any Recognized Environmental Conditions.

4.5 Environmental Liens

An environmental lien search report was requested from EDR that would provide results from a search of available current land title records for environmental cleanup liens and activity and use limitations, such as engineering controls and institutional controls.

The environmental lien search report did not reveal any environmental liens on the Site.

4.6 Historical Topographic Maps

Historical topographic maps for the years 1928,1953, 1954, 1959, 1969, 1970, 1983, and 1998 were available for the Site.

According to the topographic maps there were no significant natural or anthropogenic alterations to topography of the Site or surrounding up-gradient area. The only obvious changes depicted over the sequence of maps are the building out of coast to protect the Ala Wai Harbor between 1959 and 1969, the appearance of Ala Moana Shopping Center on the 1959 topographic map, and the appearance of the Neil Blaisdell Center in the 1969 topographic map.

No Recognized Environmental Conditions were identified for the Site.

4.7 City Directory Abstract

Information from Cole Information Services City Directory identified occupants at the Site and at nearby addresses for the years 1992, 1995, 1999, 2003, 2008, and 2013.

Several different businesses occupied the Site at 803 Waimanu Street and 764 Kawaiahao Street. Among the businesses listed were Waimanu Sash and Door Ltd. Mill Works, Duck Tours, Euro Car Specialist Inc., Aloha Way Transportation, Do It Yourself Home Repair, Auto Xchange Inc., Benz & Jagz Specialist Inc., Imperial Auto Repair, and L & L Transmission & Motor Repair.

No Recognized Environmental Conditions were identified for the Site.

4.8 Building Permits

Building permit records are available for the Site and adjoining properties between 1971 and 2014.

Building permit records for the Site included electrical work in 1973.

Building permit records for the adjoining properties included but were not limited to electrical improvements, plumbing improvements, photovoltaic system installation, new apartment and industrial buildings, apartment renovations, and demolition.

Based on the reviewed building permits, no indications of recognized environmental conditions were identified for the Site.

4.9 State of Hawaii, Department of Health Records Review

Documents at the State of Hawaii, Department of Health, Solid and Hazardous Waste Branch and Hazard Evaluation and Emergency Response Office (HEER) were reviewed.

No records for the Site were available for review at the HEER Office (Appendix E, Request to Access a Government Record)

The Site and adjoining properties were not listed in the *Sites of Interest* HEER database. Adjoining properties were listed in HEER's *Emergency Response* database; BMW of Honolulu was listed for an unspecified amount of free petroleum product present, and the corner of Cooke and Kawaiahao Streets was listed for PCB-containing transformer oil release.

4.10 Vapor Intrusion

Contaminated properties within a ⅓ mile radius from the Site were considered in conjunction with local groundwater flow. No evidence of Vapor Intrusion was identified for the Site.

5.0 Site Reconnaissance

5.1 Site Investigation Observations

An investigation of the Site was conducted on Thursday, December 18, 2014. Ms. Maureen Logan with Muranaka Environmental Consultants, Inc. met with Lia Powers, Coastal Rim Properties, Inc. and Byron Ho, Action Development LLC. See Appendix A, Photo Log and Appendix B, Site Maps for more detail. The following was observed during the assessment:

At the time of the inspection, the Site consisted of three parcels with four single-story warehouse structures divided into commercial and light industrial spaces. The building structures covered the entire lot.

Floors throughout the warehouses consisted of poured concrete. Some of the warehouses had several boreholes from the Phase II soil sampling that took place in August 2006 (Appendix A, photo 13). Much of the concrete floor in the automotive repair shops was cluttered and dirty with

some surface staining (Appendix A: photos 4-7). There were no indications of a major release of hazardous materials on the premises.

During the inspection, two 55-gallon drums of waste oil, five 55-gallon drums of unused oil, and one 55-gallon drum of antifreeze were observed at the 803 Waimanu parcel. Various oils, cleaners, and automobile chemicals were observed in small quantities throughout the automobile shops.

Building components found to contain asbestos in the Phase II report were still present at the Site: the silver roof coating and black roof patching material. There were no new suspect asbestos-containing materials. Should these building components become damaged or disturbed for renovation purposes all State and Federal regulations concerning asbestos-containing material must be observed.

Building components found to contain lead in the Phase II report were likely still present at the Site. It is important to note that the lead-containing paint may be under layers of more recent paint. Should these building components become damaged or disturbed for renovation purposes all State and Federal regulations concerning lead-containing and lead-based paint must be observed.

There were no pole-mounted, HECO-owned electrical transformers located on or directly next to the Site (Appendix B, p.4).

Based on the results of the onsite inspection, no Recognized Environmental Conditions were identified for the Site.

5.2 Adjoining Properties and Vicinity Observations

Adjoining properties include (Appendix B, p.3):

- Northeast – The Imperial Plaza and BMW of Honolulu
- Southeast – 815 Waimanu Street (RMY Construction) and 808 Kawaiahao Street (appeared unoccupied, used for storage of old cars and granite slabs)
- Southwest – Bavarian Motor Experts, Wheel Alignment Corp., and Benz & Jagz Specialist
- Northwest – The Imperial Plaza

A visual survey of the adjacent properties indicated there were no observable signs of Recognized Environmental Conditions for the Site from their business activities.

6.0 Interviews

Ms. Logan of Muranaka Environmental Consultants, Inc. interviewed Byron Ho of Action Development, LLC. Action Development, LLC purchased the property in 2007 and made no renovations to the Site; Mr. Ho speculated that tenants likely made minor alterations to the property. He was aware of previous Phase I and Phase II reports concerning the Site and had no knowledge of underground storage tanks (USTs) at the Site. He was not aware of any present environmental issues concerning the Site.

7.0 Conclusions and Recommendations

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the property located at 803 Waimanu Street, Honolulu, the Island of Oahu, Hawaii 96813, the "Site". There were no exceptions to, or deletions from, this practice.

This assessment has revealed no evidence of Recognized Environmental Conditions in connection with the Site.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

MURANAKA ENVIRONMENTAL CONSULTANTS, INC.

Mark T. Muranaka, MS, MPH

Maureen A. Logan, BS

8.0 References

1. Environmental Data Resources, Inc. (EDR), “The EDR Radius Map with GeoCheck”, State and Federal Environmental Regulatory Agency Database Search Listing, Southport, CT.

2. Environmental Data Resources, Inc. (EDR), “Certified Sanborn Map Report”.

3. Environmental Data Resources, Inc. (EDR), “Historical Topographic Map Report”.

4. Environmental Data Resources, Inc. (EDR), “Aerial Photo Decade Package”.

5. Environmental Data Resources, Inc. (EDR), “Building Permit Report”.

6. Environmental Data Resources, Inc. (EDR), “City Directory Image Report”.

7. Environmental Data Resources, Inc. (EDR), “Property Tax Map Report”.

8. Environmental Data Resources, Inc. (EDR), “Environmental Lien Report”.

9. American Society for Testing and Materials (ASTM), “Designation E1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process”, Conshohocken, PA, 2000.

10. Macdonald, Gordon A., Abbot, Agatin T., Peterson, Frank L., “Volcanoes in the Sea-The Geology of Hawaii”, university of Hawaii Press, Honolulu, 1983.

11. Mink, John F., and Lau, Stephen L., “Aquifer Identification and Classification for O’ahu: Ground Water Protection Strategy for Hawai’i, University of Hawaii, Water Resources Research Center technical Report No. 179, Honolulu, February 1990.

12. City and County of Honolulu Property Tax Office. www.*honolulu*propertytax.com

13. Plan Pacific, Inc, “Environmental Assessment Construction Training Center of the Pacific” Honolulu, June 2008.

Appendix A

Photo Log

803 Waimanu Street
Honolulu, HI 96813

MEC Project No.: 2014-0228

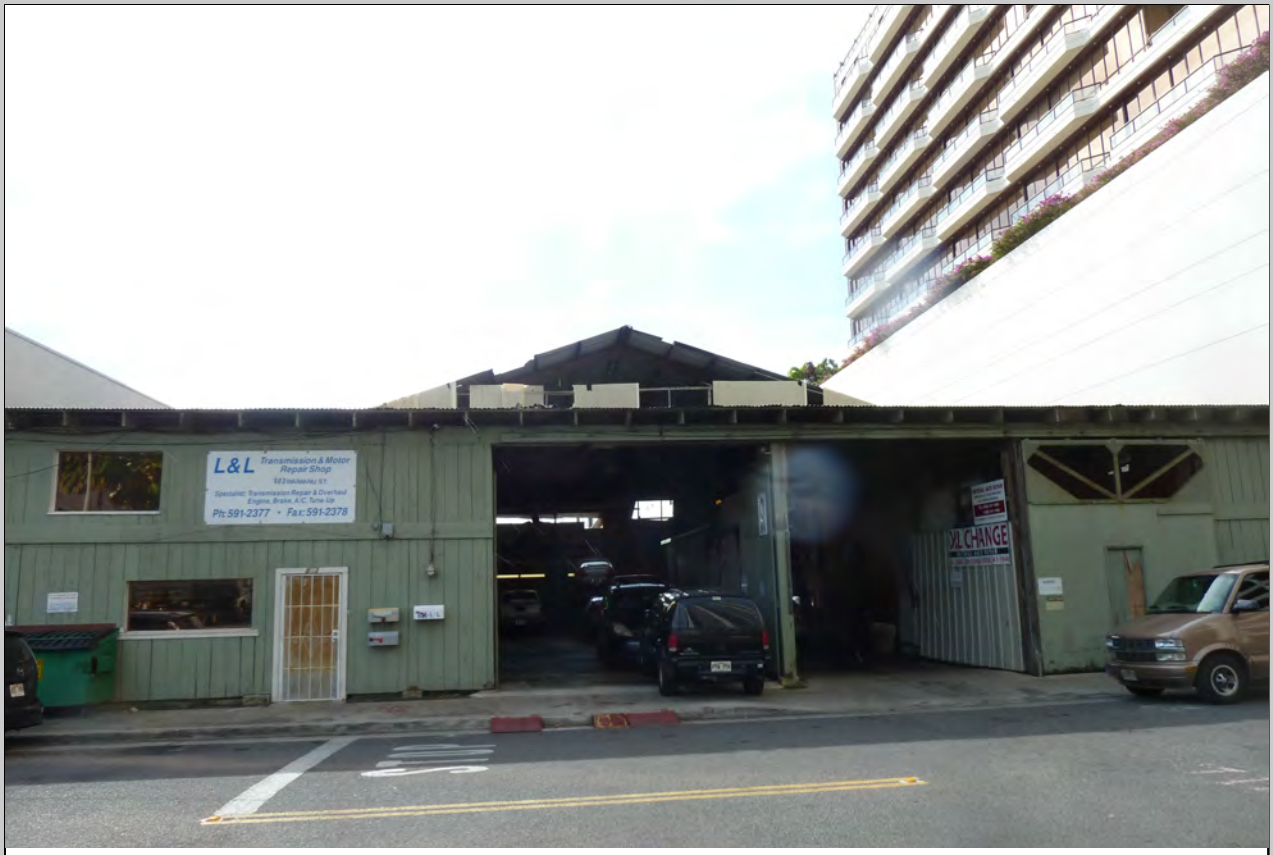


Photo 1: Street view of 803 Waimanu Street. Imperial Auto Repair is on the right and L & L Transmission is on the left of the photo.

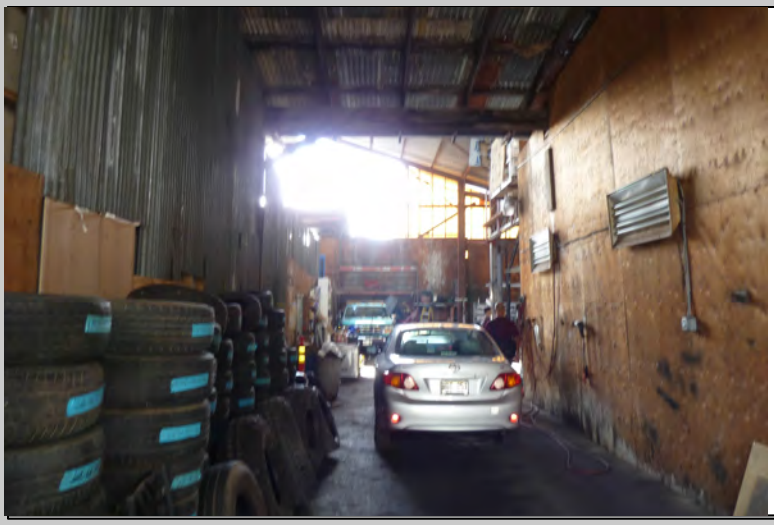


Photo 2: View inside Imperial Auto Repair.

Photo 3: 55 gallon drums containing antifreeze and used oil in Imperial Auto Repair.

Photo 4: General condition of concrete floor in Imperial Auto Repair.

Photo 5: View of the interior of L & L Transmission.

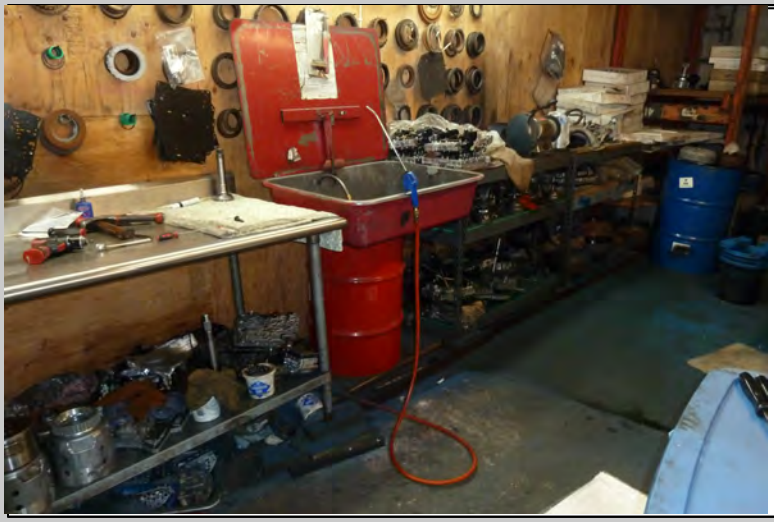


Photo 6: Wastewater from cleaning parts is collected in a 55 gallon drum in L & L Transmission.

Photo 7: 55 gallon drums labeled as various petroleum oils in L & L Transmission.

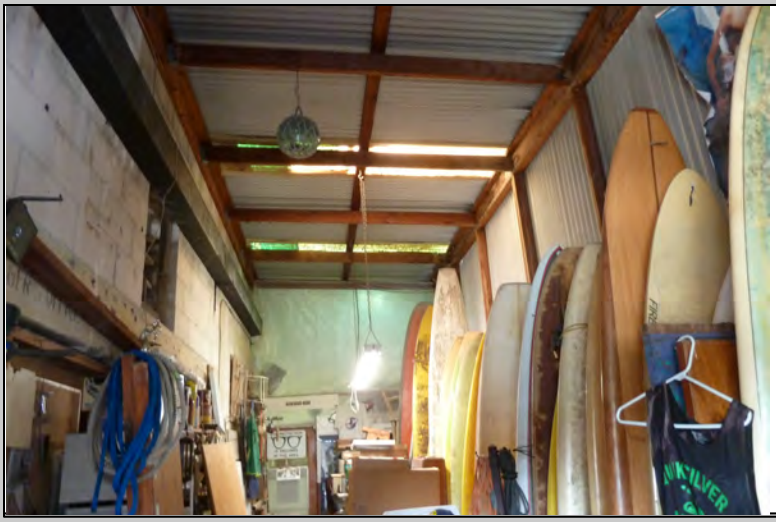


Photo 8:Interior of Hawaiian Rush Longboards at 764 Kawaiahao Street.

Photo 9: Interior of J & K Auto Body at 764 Kawaiahao Street.

Photo 10: Street view of storage unit at 764 Kawaihao Street. The interior was inaccessible.

Photo 11: Street view of vacant unit at 764 Kawaiahao Street.

Photo 12: Interior view of vacant unit at 764 Kawaiahao Street.

Photo 13: Borehole from previous Phase II investigation (left), and view into the borehole (below).

Photo 14: Adjoining property to the northwest and northeast, The Imperial Plaza.

Photo 15: Adjoining property to the northeast, BMW of Honolulu.

Photo 16: Adjoining property to the southeast, 815 Waimanu Street.

Photo 17: Adjoining property to the southeast, 808 Kawaiahao Street.

Photo 18: Adjoining property to the southwest, Bavarian Motor Experts.

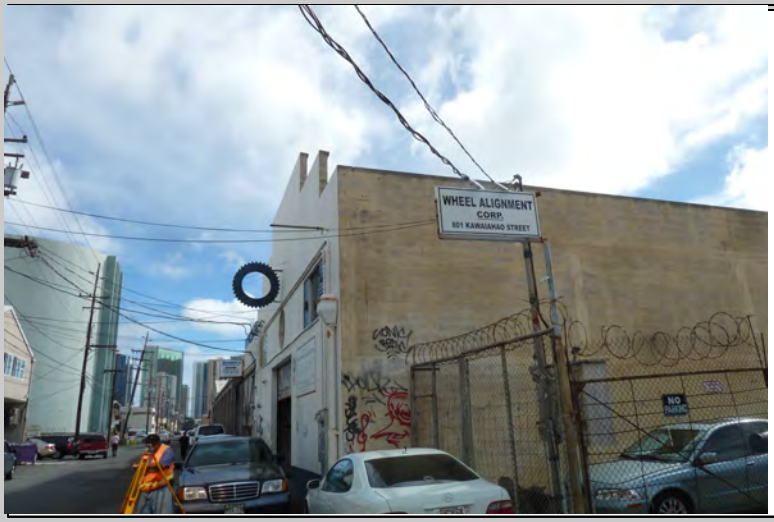
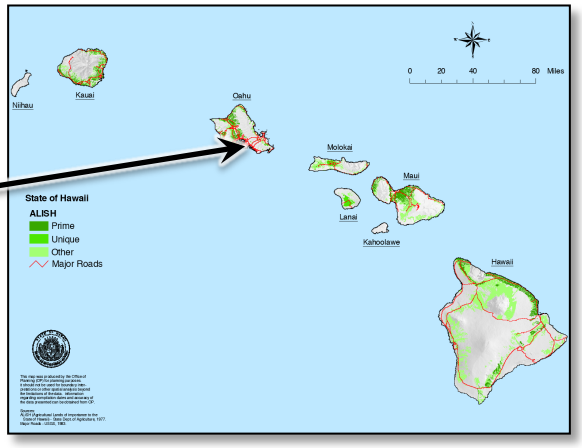


Photo 19: Adjoining properties to the southwest, Wheel Alignment Corporation and Benz & Jagz Specialist.

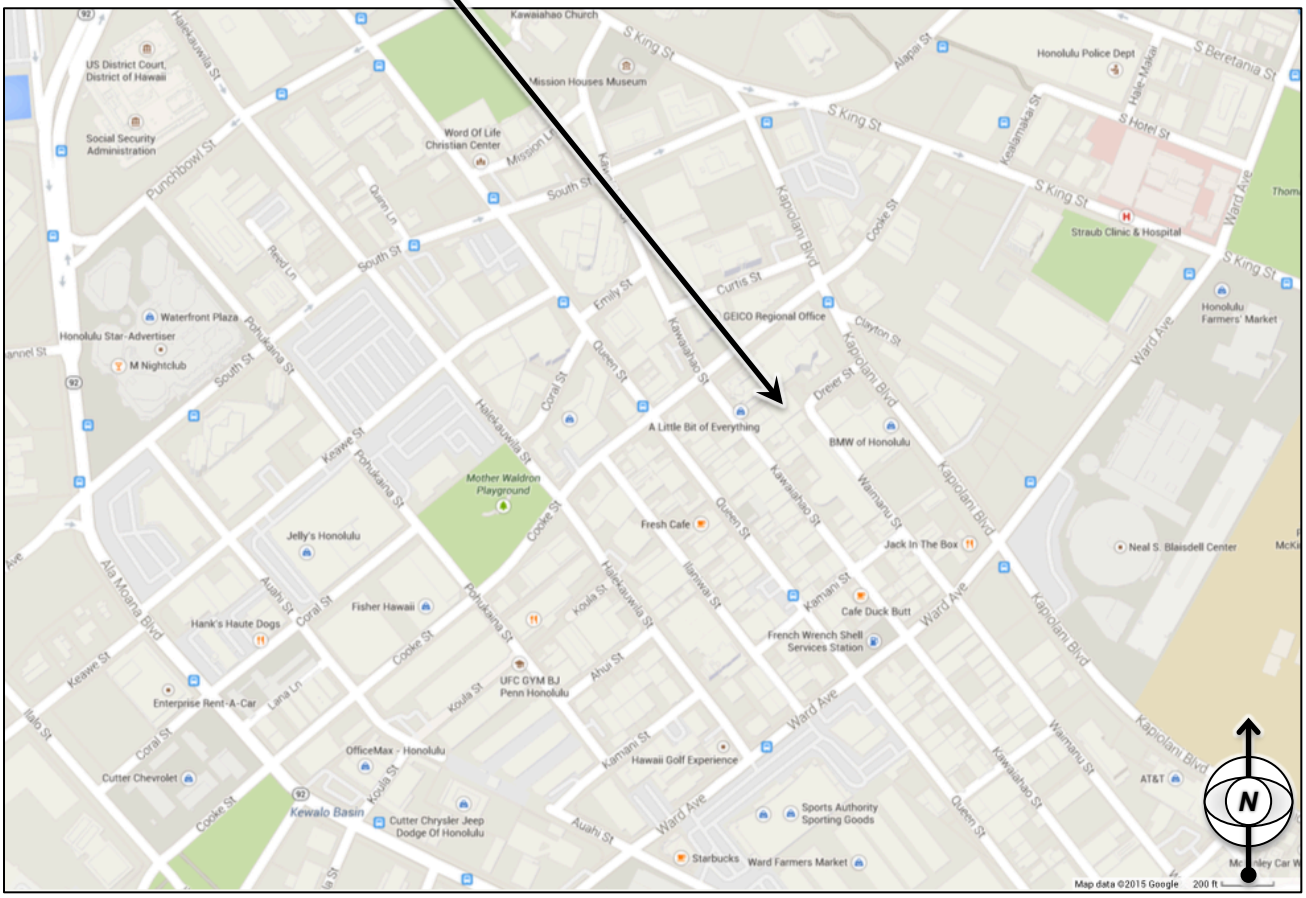
Appendix B

Location Map

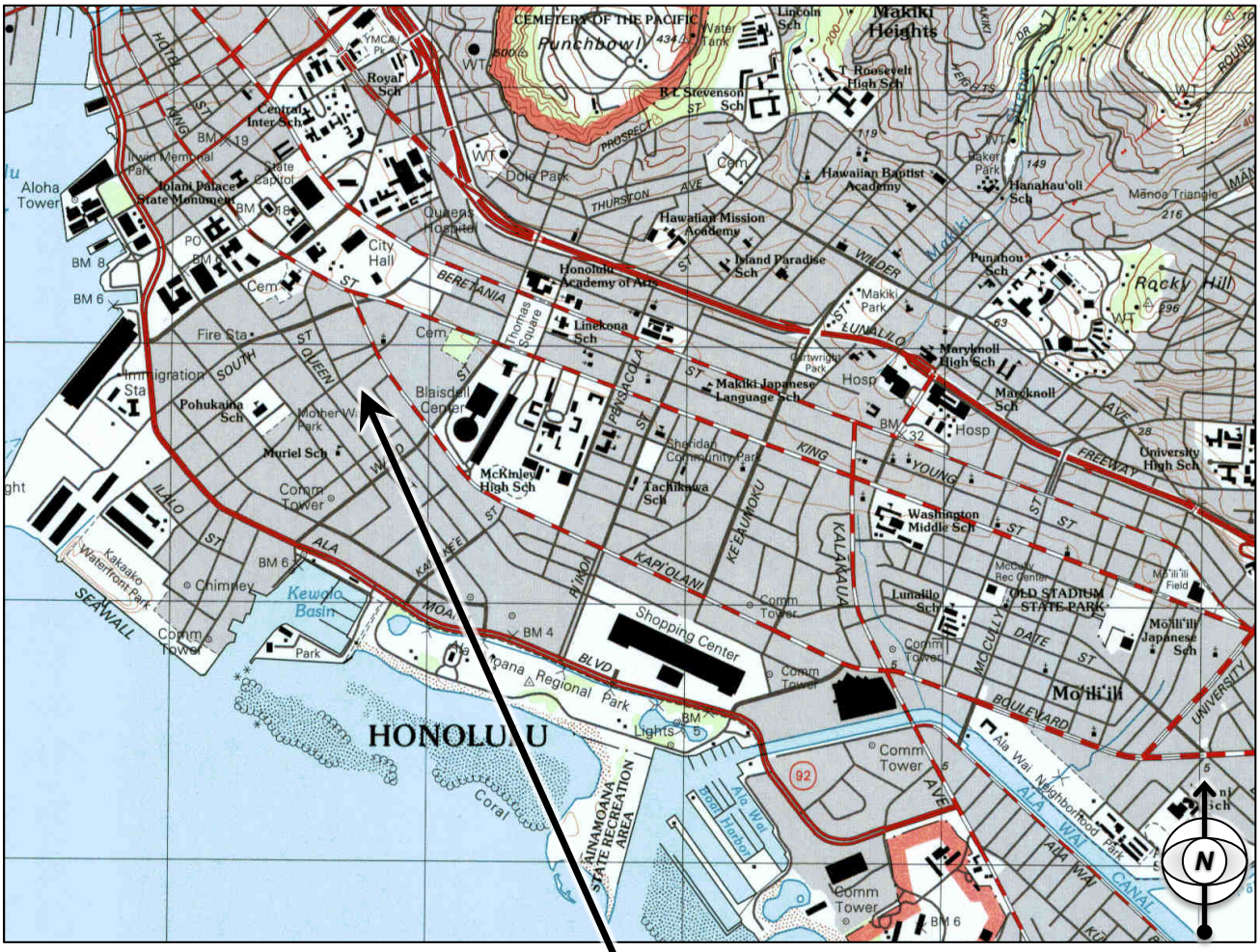
803 Waimanu Street
Honolulu, Hawaii 96813



SITE

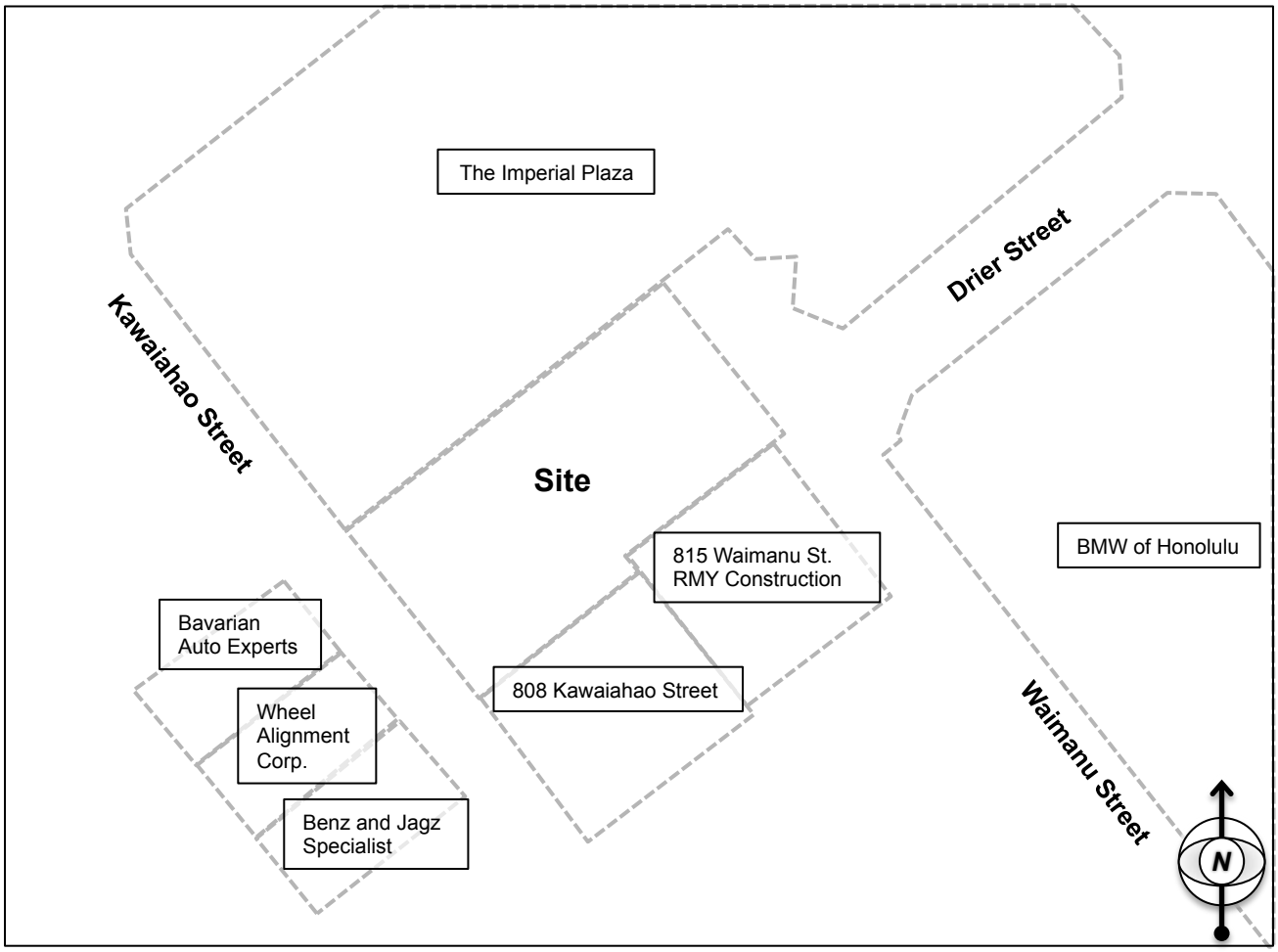


Topographic Map

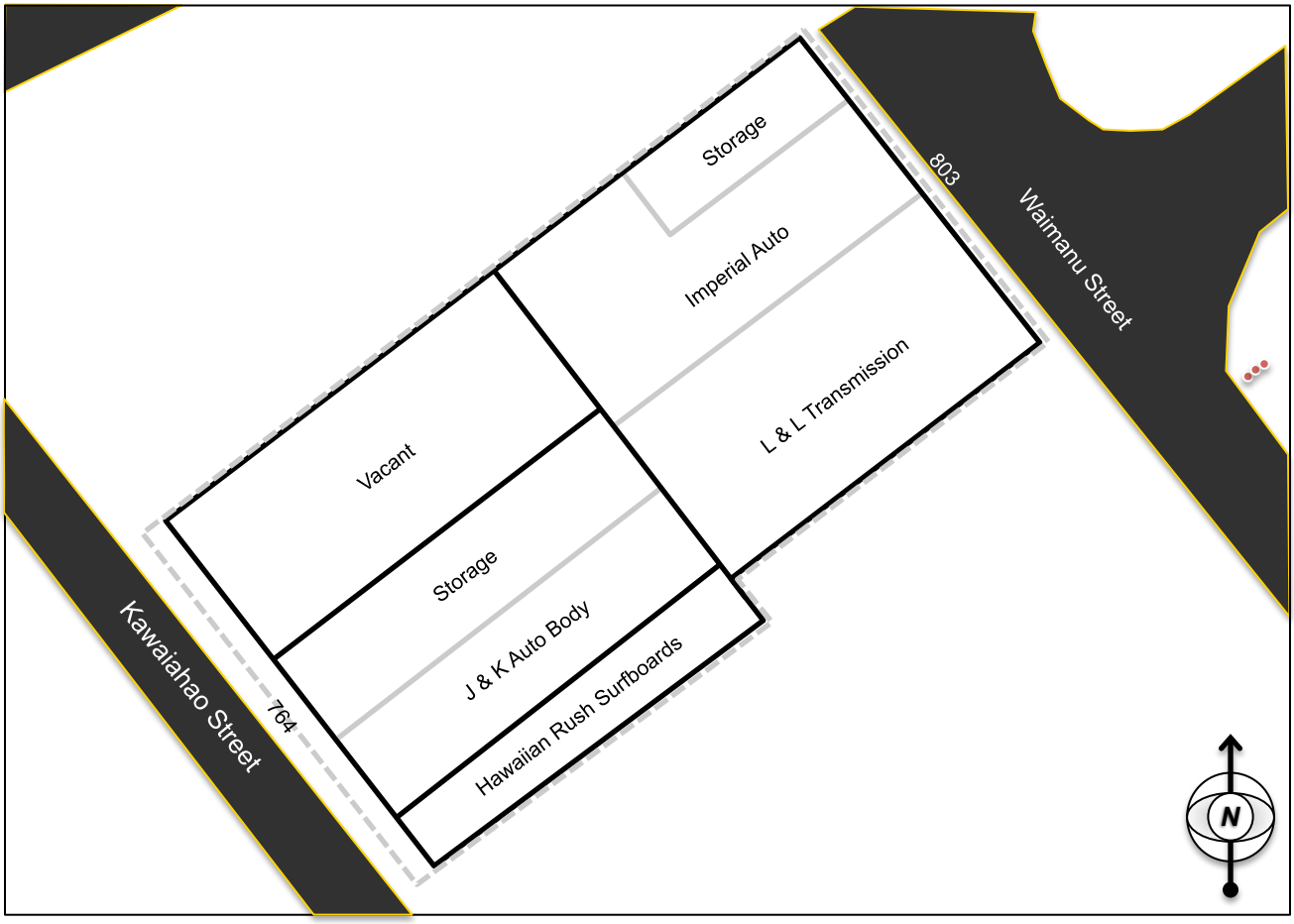


SITE

Adjacent Properties



Site Plan



Legend	
Symbol	Description
	Pole-mounted Transformer
	Interior Walls
	Building
	Property Line

Appendix C

ASTM E1527–13
USER QUESTIONNAIRE

In order to qualify for one of the *Landowner Liability Protections (LLPs)*[187] offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *"Brownfields Amendments")*[188], the *user* must conduct the following inquiries required by 40 CPR 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The *user* should provide the following information to the *environmental professional.* Failure to conduct these inquiries could result in a determination that *"all appropriate inquiries"* is not complete.

Property: 803 Waimanu Street, Honolulu, HI 96813

(1.) Environmental liens that are filed or recorded against the *property* (40 CFR 312.25).
Did a search *of recorded land title records* (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed or recorded against *the property under* federal, tribal, state or local law?
Note 1: In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

Response: None.

(2.) Activity and use limitations that are in place on the *property* or that have been filed or recorded against the *property* (40 CFR 312.26(a)(1)(v) and vi)).
Did a search *of recorded land title records* (or judicial records where appropriate, see Note 1 above) identify any AULs, such *as engineering controls,* land use *re*strictions *or institutional controls* that are in place at *the property* and/or have been filed or recorded against *the property* under federal, tribal, state or local law?

Response: None.

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).
Do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an *adjoining property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

Response: None.

(4.) Relationship of the purchase price to the fair market value of the *property* if it were not contaminated (40 CFR 312.29).
Does the purchase price being paid tor *this property* reasonably reflect the fair market value of the *property?* If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property?*

Response: Not Applicable.

(5.) Commonly known or *reasonably ascertainable* information about the *property* (40 CFR 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example,

(a.) Do you know the past uses at the *property?*

(b.) Do you know of specific chemicals that are present or once were present at the *property?*

(c.} Do you know of spills or other chemical releases that have taken place at the *property?* (d.) Do you know of any environmental cleanups that have taken place at the *property?*

Response: No knowledge of any chemicals present or once present on the property.

No knowledge of spills or other chemical releases that have taken place at the property.

No knowledge of environmental cleanups that have taken place at the property.

(6.) The degree of obviousness of the presence or likely presence of contamination at the *property,* and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

Based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of releases at the *property?*

Response: None

1-16-2015

User Signature Date

Franco Mola

User Printed Name

[187] *Landowner Liability Protections,* or *LLPs,* is the term used to describe the three types of potential defenses to Superfund liability in EPA's *Interim Guidance Regarding Criteria Landowners Must Meet in Order to Qualify for Bona Fide Prospective Purchaser, Contiguous Property Owner, or Innocent Landowner Limitations on CERCIA Liability ("Common Elements"* Guide) issued on March 6, 2003.

[188] P.L. 107-118.

Appendix D

2014-0228
803 Waimanu Street
Honolulu, HI 96813

Inquiry Number: 4163300.2s
December 17, 2014

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Physical Setting Source Addendum	A-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 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

803 WAIMANU STREET
HONOLULU County, HI 96813

COORDINATES

Latitude (North):	21.3003000 - 21˚ 18' 1.08''
Longitude (West):	157.8548000 - 157˚ 51' 17.28''
Universal Tranverse Mercator:	Zone 4
UTM X (Meters):	618787.3
UTM Y (Meters):	2355675.8
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

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
803 WAIMANU ST 803 WAIMANU ST HONOLULU, HI 96813	EDR US Hist Auto Stat	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:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL---------- National Priority List

EXECUTIVE SUMMARY

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

Federal Delisted NPL site list

Delisted NPL ..... National Priority List Deletions

Federal CERCLIS list

CERCLIS ..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROL ..... Sites with Institutional Controls
LUCIS ..... Land Use Control Information System

Federal ERNS list

ERNS ..... Emergency Response Notification System

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

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

State and tribal leaking storage tank lists

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

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US CDL ..... Clandestine Drug Labs

EXECUTIVE SUMMARY

HI CDL ..... Clandestine Drug Lab Listing
US HIST CDL ..... National Clandestine Laboratory Register

Local Land Records

LIENS 2 ..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
HI SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
CONSENT ..... Superfund (CERCLA) Consent Decrees
ROD ..... Records Of Decision
UMTRA ..... Uranium Mill Tailings Sites
US MINES ..... Mines Master Index File
TRIS ..... Toxic Chemical Release Inventory System
TSCA ..... Toxic Substances Control Act
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS ..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS ..... Section 7 Tracking Systems
ICIS ..... Integrated Compliance Information System
RADINFO ..... Radiation Information Database
RAATS ..... RCRA Administrative Action Tracking System
RMP ..... Risk Management Plans
HI UIC ..... Underground Injection Wells Listing
HI DRYCLEANERS ..... Permitted Drycleaner Facility Listing
INDIAN RESERV ..... Indian Reservations
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ..... Financial Assurance Information
EPA WATCH LIST ..... EPA WATCH LIST
COAL ASH EPA ..... Coal Combustion Residues Surface Impoundments List
US AIRS ..... Aerometric Information Retrieval System Facility Subsystem
LEAD SMELTERS ..... Lead Smelter Sites
PRP ..... Potentially Responsible Parties
COAL ASH DOE ..... Steam-Electric Plant Operation Data
PCB TRANSFORMER ..... PCB Transformer Registration Database

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

HI RGA LUST ..... Recovered Government Archive Leaking Underground Storage Tank

EXECUTIVE SUMMARY

HI RGA LF..... Recovered Government Archive Solid Waste Facilities List
HI RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site List

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

A review of the CERC-NFRAP list, as provided by EDR, and dated 10/25/2013 has revealed that there are 3 CERC-NFRAP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SYMPHONY PARK	WARD AVE & KAPIOLANI BL	ESE 1/8 - 1/4 (0.156 mi.)	M86	74
AMELCO CORPORATION	645 HALEKAUWILA STREET	W 1/8 - 1/4 (0.244 mi.)	U144	143
QUEEN EMMALANI TOWER	***600 QUEEN ST***	***WNW 1/4 - 1/2 (0.252 mi.)***	***Y148***	***146***

Federal RCRA CORRACTS facilities list

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 06/10/2014 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HONOLULU GENERATING STATION	***170 ALA MOANA BLVD.***	***WNW 1/2 - 1 (0.700 mi.)***	***217***	***244***

EXECUTIVE SUMMARY

Federal RCRA generators list

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

A review of the RCRA-SQG list, as provided by EDR, and dated 06/10/2014 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
QUALEX INC	***760 HALEKAUWILA ST***	***WSW 1/8 - 1/4 (0.142 mi.)***	***H79***	***67***
WARD AVENUE COMPLEX	***820 WARD AVE.***	***E 1/8 - 1/4 (0.187 mi.)***	***P105***	***96***
VICTORIA WARD LTD	***956 QUEEN ST***	***SSE 1/8 - 1/4 (0.210 mi.)***	***N120***	***119***
YORK INTERNATIONAL INC	***851 POHUKAINA ST NO D***	***SW 1/8 - 1/4 (0.240 mi.)***	***R142***	***140***

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

A review of the RCRA-CESQG list, as provided by EDR, and dated 06/10/2014 has revealed that there are 11 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
J S AUTOMOTIVE	***762 QUEEN ST***	***WSW 0 - 1/8 (0.042 mi.)***	***C16***	***18***
KIYOS TRANSMISSION SVC LLC	878 QUEEN ST	S 0 - 1/8 (0.088 mi.)	B42	40
ISLAND FENDER	***440 KAMANI ST***	***S 0 - 1/8 (0.125 mi.)***	***G73***	***62***
WAIKIKI DUTY FREE EXPANSION	***520 WARD AVE***	***SSE 1/8 - 1/4 (0.159 mi.)***	***N90***	***77***
C AND C HONOLULU AUDITORIUMS	***777 WARD AVE***	***ESE 1/8 - 1/4 (0.174 mi.)***	***P98***	***86***
HAWAII NEWSPAPER OPERATORS	***605 KAPIOLANI BLVD***	***NNW 1/8 - 1/4 (0.177 mi.)***	***L99***	***88***
HONOLULU FIREARMS AND RANGE	***940 QUEEN STREET***	***SSE 1/8 - 1/4 (0.185 mi.)***	***N103***	***94***
TESORO HAWAII CORPORATION	***759 S KING STREET***	***NNE 1/8 - 1/4 (0.194 mi.)***	***T116***	***113***
GM AUTOMOTIVE CENTER INC	***1918 B ALGAROBA ST***	***SE 1/8 - 1/4 (0.203 mi.)***	***Q118***	***116***
PRECISION AIR CONDITIONING INC	***841 POHUKAINA ST UNIT D***	***SW 1/8 - 1/4 (0.238 mi.)***	***R138***	***137***
HAWAII MOTOR REBUILDERS INC	***831 B POHUKAINA ST***	***SW 1/8 - 1/4 (0.246 mi.)***	***R145***	***143***

State- and tribal - equivalent CERCLIS

HI 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 HI SHWS list, as provided by EDR, and dated 01/04/2014 has revealed that there are 53 HI SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
836 KAWAIAHAO STREET	836 KAWAIAHAO ST	SSW 0 - 1/8 (0.018 mi.)	A8	12

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN LINEN WAREHOUSE	***837 KAWAIAHAO ST***	***S 0 - 1/8 (0.031 mi.)***	***A11***	***14***
BMW OF HONOLULU	***777 KAPIOLANI BLVD***	***ENE 0 - 1/8 (0.053 mi.)***	***A20***	***21***
HD&C, 725 KAPIOLANI BOULEVARD	***725 KAPIOLANI BLVD***	***N 0 - 1/8 (0.062 mi.)***	***D24***	***24***
CHUEI SHOKOH, INC.	***825 KAPIOLANI BLVD***	***ESE 0 - 1/8 (0.071 mi.)***	***E34***	***33***
HECO SOIL CONTAMINATION CHAPIN	***CHAPIN LN & KAPIOLANI B***	***ESE 0 - 1/8 (0.088 mi.)***	***E41***	***38***
RUBBER STAMP PLANTATION	746 ILANIWAI ST	WSW 0 - 1/8 (0.097 mi.)	H50	50
K&Y AUTO SERVICE AND WAYNE'S A	***902 KAWAIAHAO ST & 539***	***SSE 0 - 1/8 (0.103 mi.)***	***F59***	***55***
HAWAII INSTRUMENTATION & CONTR	***822 HALEKAUWILA ST***	***SW 1/8 - 1/4 (0.139 mi.)***	***J78***	***65***
SYMPHONY PARK	850 KAPIOLANI BLVD	ESE 1/8 - 1/4 (0.156 mi.)	M87	74
HECO PAD-MOUNTED #65844 TRANSF	***650 KAPIOLANI BLVD***	***N 1/8 - 1/4 (0.159 mi.)***	***L88***	***75***
HAWAII NEWSPAPER AGENCY INC	***605 KAPIOLANI BLVD***	***NNW 1/8 - 1/4 (0.177 mi.)***	***L100***	***90***
HAWAII OPERA THEATER SETS & PR	***962 KAWAIAHAO ST***	***SSE 1/8 - 1/4 (0.202 mi.)***	***N117***	***115***
ONE ARCHER LANE	***801 S KING ST***	***NE 1/8 - 1/4 (0.228 mi.)***	***T132***	***131***
COOKE STREET LEAD CONTAMINATIO	***501 COOKE ST***	***WSW 1/8 - 1/4 (0.232 mi.)***	***S135***	***134***
QUEEN EMMALANI TOWER	***600 QUEEN ST***	***WNW 1/4 - 1/2 (0.252 mi.)***	***Y148***	***146***
PACIFICA CONDOMINIUM	***1009 KAPIOLANI BLVD***	***SE 1/4 - 1/2 (0.287 mi.)***	***156***	***158***
801 SOUTH HOTEL STREET	801 SOUTH HOTEL ST	NE 1/4 - 1/2 (0.305 mi.)	Z161	163
JAS W GLOVER LTD	***1046 WAIMAMU ST***	***SE 1/4 - 1/2 (0.342 mi.)***	***AD167***	***170***
UNDERGROUND HOISTS	***744 ALA MOANA BLVD***	***SW 1/4 - 1/2 (0.358 mi.)***	***AE170***	***174***
WRAF - HAWAIIAN TUNA PACKERS	***1011 ALA MOANA BLVD***	***SSW 1/4 - 1/2 (0.385 mi.)***	***AG179***	***191***
SELF STORAGE 1	***438 KAMAKEE ST***	***SE 1/4 - 1/2 (0.415 mi.)***	***AH184***	***199***
RESERVE HOUSING TOWER SOIL CON	***1141 WAIMANU ST***	***SE 1/4 - 1/2 (0.471 mi.)***	***AH196***	***218***
595 ALA MOANA BLACK OIL PIPELI	***595 ALA MOANA BLVD***	***W 1/2 - 1 (0.504 mi.)***	***199***	***222***
KOOLANI TOWER PROJECT	***1189 WAIMANU ST***	***SE 1/2 - 1 (0.532 mi.)***	***200***	***223***
KAKAAKO PUMP STATION	240 KEAWE ST	WSW 1/2 - 1 (0.533 mi.)	AK201	224
THE QUEEN'S MEDICAL CENTER	***1301 PUNCHBOWL ST***	***N 1/2 - 1 (0.538 mi.)***	***202***	***225***
HCDA/UH HEALTH AND WELLNESS CE	***651 ILALO ST***	***WSW 1/2 - 1 (0.560 mi.)***	***AK203***	***228***
ALA MOANA WASTEWATER PUMP STAT	***210 KEAWE ST***	***WSW 1/2 - 1 (0.564 mi.)***	***AK204***	***229***
EVERSHINE X	***1230 KAPIOLANI BLVD***	***SE 1/2 - 1 (0.581 mi.)***	***205***	***231***
1510 FREAR STREET	***1510 FREAR ST***	***NNE 1/2 - 1 (0.597 mi.)***	***206***	***232***
DURANT PROPERTIES	***1235 KONA ST***	***SE 1/2 - 1 (0.609 mi.)***	***207***	***233***
KEWALO INCINERATOR ASH DUMP	***111 OHE ST***	***SW 1/2 - 1 (0.612 mi.)***	***208***	***234***
KAKAAKO MAKAI DISTRICT PARKING	***AHUI ST, OHE ST, ILALO***	***SW 1/2 - 1 (0.628 mi.)***	***AL209***	***235***
C&C WASTE WATER DIVISION MAINT	98 KOULA ST	SW 1/2 - 1 (0.634 mi.)	AL210	236
KAKAAKO BROWNFIELD PROJECT - U	***59 AHUI ST***	***SW 1/2 - 1 (0.649 mi.)***	***AL211***	***237***
CENPAC PROPERTIES - OFFICE BUI	***615 PIIKOI ST***	***ESE 1/2 - 1 (0.656 mi.)***	***212***	***238***
KEWALO INCINERATOR LANDFILL	***709 KELIKOI ST***	***WSW 1/2 - 1 (0.662 mi.)***	***213***	***240***
1310 PENSACOLA STREET	1310 PENSACOLA ST	ENE 1/2 - 1 (0.683 mi.)	214	241
1012 PIIKOI STREET, ANIN-PIIKO	***1012 PIIKOI ST***	***E 1/2 - 1 (0.685 mi.)***	***215***	***242***
CAPITOL PLACE DEVELOPMENT PROJ	1212 QUEEN EMMA ST	NNW 1/2 - 1 (0.696 mi.)	216	243
HONOLULU GENERATING STATION	***170 ALA MOANA BLVD.***	***WNW 1/2 - 1 (0.700 mi.)***	***217***	***244***
GRACE OTSUKA APARTMENT COMPLEX	***1233 YOUNG ST***	***E 1/2 - 1 (0.768 mi.)***	***218***	***256***
SCHUMAN CARRIAGE MOTORS, LTD.	***1234 S BERETANIA ST***	***E 1/2 - 1 (0.783 mi.)***	***219***	***257***
HARBOR COURT	66 QUEEN ST	NW 1/2 - 1 (0.801 mi.)	220	261
MOTOR SUPPLY	***726 SHERIDAN ST***	***ESE 1/2 - 1 (0.810 mi.)***	***AM221***	***261***
HAKUYOSHA HAWAII, INC	***730 SHERIDAN ST***	***ESE 1/2 - 1 (0.810 mi.)***	***AM222***	***262***
CUTTER CHEVROLET	***1391 KAPIOLANI BLVD***	***SE 1/2 - 1 (0.829 mi.)***	***223***	***264***
SEARS ALA MOANA	1450 ALA MOANA BLVD	SE 1/2 - 1 (0.895 mi.)	224	266
LIKE LIKE PLAZA PETROLEUM CONT	745 KEEAUMOKU ST	ESE 1/2 - 1 (0.910 mi.)	225	266
WALGREENS KEEAMOKU	1460 KAPIOLANI BOULEVAR	ESE 1/2 - 1 (0.935 mi.)	226	267
YEE HOP BUILDING MAUNAKEA STRE	950 MAUNAKEA ST	NW 1/2 - 1 (0.972 mi.)	227	268
MEADOW GOLD DAIRIES (ICE CREAM	***1418 YOUNG ST***	***E 1/2 - 1 (0.983 mi.)***	***228***	***269***

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

HI 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 HI LUST list, as provided by EDR, and dated 09/17/2014 has revealed that there are 68 HI LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HAWAIIAN SECURITIES & REALTY,	***819, 835 AND 841 KAWAIA***	***SSW 0 - 1/8 (0.030 mi.)***	***B9***	***13***
Facility Status: Site Cleanup Completed (NFA)				
SZYMANSKI PROPERTIES LLC	***757 KAWAIAHAO ST***	***W 0 - 1/8 (0.033 mi.)***	***A12***	***15***
Facility Status: Site Cleanup Completed (NFA)				
SHELLY MAZDA SERVICE AREA	***CHAPIN ST***	***ESE 0 - 1/8 (0.047 mi.)***	***A17***	***20***
Facility Status: Site Cleanup Completed (NFA)				
CHUEI SHOKO	***777 KAPIOLANI BLVD***	***ENE 0 - 1/8 (0.053 mi.)***	***A21***	***22***
Facility Status: Site Cleanup Completed (NFA)				
IMPERIAL PLAZA	***725 KAPIOLANI BLVD***	***N 0 - 1/8 (0.062 mi.)***	***D25***	***26***
Facility Status: Site Cleanup Completed (NFA)				
FORMER "HOTEL - YOUNG LAUNDRY"	***825 KAPIOLANI BLVD***	***ESE 0 - 1/8 (0.071 mi.)***	***E33***	***32***
Facility Status: Site Cleanup Completed (NFA)				
SHELLY MOTORS INC.	***830 KAPIOLANI BLVD***	***ESE 0 - 1/8 (0.091 mi.)***	***E44***	***46***
Facility Status: Site Cleanup Completed (NFA)				
H. HAMADA STORE INC.	***885 QUEEN ST***	***S 0 - 1/8 (0.094 mi.)***	***G46***	***48***
Facility Status: Site Cleanup Completed (NFA)				
LEX BRODIE TIRE CO.	***701 S QUEEN ST***	***WNW 1/8 - 1/4 (0.150 mi.)***	***I82***	***70***
Facility Status: Site Cleanup Completed (NFA)				
WARD AVE SHELL	***520 WARD AVE***	***SSE 1/8 - 1/4 (0.159 mi.)***	***N92***	***80***
Facility Status: Site Cleanup Completed (NFA)				
KAPIOLANI BOWL	***KAPIOLANI BLVD X WARD A***	***SE 1/8 - 1/4 (0.161 mi.)***	***M93***	***82***
Facility Status: Site Cleanup Completed (NFA)				
HAWAIIAN HARDWOOD CO., LTD	***935 QUEEN ST***	***S 1/8 - 1/4 (0.162 mi.)***	***N94***	***83***
Facility Status: Site Cleanup Completed (NFA)				
POHULANI ELDERLY PROJECT	***677 QUEEN ST***	***WNW 1/8 - 1/4 (0.168 mi.)***	***O97***	***85***
Facility Status: Site Cleanup Completed (NFA)				
HAWAII NEWSPAPER AGENCY INC	***605 KAPIOLANI BLVD***	***NNW 1/8 - 1/4 (0.177 mi.)***	***L100***	***90***
Facility Status: Site Cleanup Completed (NFA)				
HECO WARD AVE COMPLEX	***820 WARD AVE***	***E 1/8 - 1/4 (0.187 mi.)***	***P106***	***101***
Facility Status: Site Cleanup Completed (NFA)				
420 WARD AVE	***420 WARD AVE/901 ILANIW***	***S 1/8 - 1/4 (0.189 mi.)***	***109***	***105***
Facility Status: Site Cleanup Completed (NFA)				
HAWAII COMMUNITY DEVELOPMENT A	***548 COOKE ST***	***WSW 1/8 - 1/4 (0.192 mi.)***	***S112***	***107***
Facility Status: Site Cleanup Completed (NFA)				
TESORO 2GO # 61024	***759 S KING ST***	***NNE 1/8 - 1/4 (0.194 mi.)***	***T115***	***109***
Facility Status: Site Cleanup Completed (NFA)				
GENSIRO KAWAMOTO	***630 KEAWE ST***	***WNW 1/8 - 1/4 (0.206 mi.)***	***O119***	***118***
Facility Status: Site Cleanup Completed (NFA)				
GENSIRO KAWAMOTO	***627 QUEEN ST***	***WNW 1/8 - 1/4 (0.217 mi.)***	***O124***	***123***
Facility Status: Site Cleanup Completed (NFA)				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RAY'S AUTO SERVICE	***959 QUEEN ST***	***SSE 1/8 - 1/4 (0.218 mi.)***	***V125***	***124***
Facility Status: Site Cleanup Completed (NFA)				
ONE ARCHER LANE (FORMERLY KING	***809 S KING ST***	***NE 1/8 - 1/4 (0.231 mi.)***	***T133***	***132***
Facility Status: Site Cleanup Completed (NFA)				
HONOLULU SHIP SUPPLY	***834 POHUKAINA ST***	***SW 1/8 - 1/4 (0.235 mi.)***	***R137***	***137***
Facility Status: Site Cleanup Completed (NFA)				
GEM DEPT	***333 WARD AVE***	***SSW 1/4 - 1/2 (0.251 mi.)***	***X147***	***146***
Facility Status: Site Cleanup Completed (NFA)				
MTL BUS FACILITY	***1133 ALAPAI ST***	***NNE 1/4 - 1/2 (0.253 mi.)***	***W149***	***150***
Facility Status: Site Cleanup Completed (NFA)				
AAA HAWAII BUILDING	***590 QUEEN ST***	***NW 1/4 - 1/2 (0.256 mi.)***	***Y150***	***152***
Facility Status: Site Cleanup Completed (NFA)				
INTERNATIONAL LIFE SUPPORT	***633 HALEKAUWILA ST***	***WNW 1/4 - 1/2 (0.259 mi.)***	***U151***	***153***
Facility Status: Site Cleanup Completed (NFA)				
SCAN LINE BUILDING	***788 S KING ST***	***NE 1/4 - 1/2 (0.262 mi.)***	***Z152***	***154***
Facility Status: Site Cleanup Completed (NFA)				
K & Y CHEVRON 91524	***571 S QUEEN ST***	***NW 1/4 - 1/2 (0.275 mi.)***	***Y153***	***154***
Facility Status: Site Cleanup Completed (NFA)				
SERVICE AUTO MACHINE WORKS	***518 CUMMINS ST***	***SSE 1/4 - 1/2 (0.276 mi.)***	***AA154***	***156***
Facility Status: Site Cleanup Completed (NFA)				
TIRE RECAP SERVICE	***526 KEAWE ST***	***W 1/4 - 1/2 (0.283 mi.)***	***155***	***157***
Facility Status: Site Cleanup Completed (NFA)				
PACIFICA CONDOMINIUM	***1009 KAPIOLANI BLVD***	***SE 1/4 - 1/2 (0.287 mi.)***	***156***	***158***
Facility Status: Site Cleanup Completed (NFA)				
C&CH KAKAAKO FIRE STATION	***555 QUEEN ST***	***NW 1/4 - 1/2 (0.293 mi.)***	***Y157***	***159***
Facility Status: Site Cleanup Completed (NFA)				
C&CH KAKAAKO FIRE DEPT MECHANI	***620 SOUTH ST***	***WNW 1/4 - 1/2 (0.295 mi.)***	***AB158***	***160***
Facility Status: Site Cleanup Completed (NFA)				
STRAUB CLINIC & HOSPITAL	***888 SOUTH KING STREET***	***NE 1/4 - 1/2 (0.296 mi.)***	***159***	***161***
Facility Status: Site Cleanup Completed (NFA)				
CBI, INC	***614 SOUTH ST***	***WNW 1/4 - 1/2 (0.301 mi.)***	***AB160***	***162***
Facility Status: Site Cleanup Completed (NFA)				
MOTOR IMPORTS SERVICE DEPT	***609 SOUTH ST***	***WNW 1/4 - 1/2 (0.306 mi.)***	***AB162***	***163***
Facility Status: Site Cleanup Completed (NFA)				
AMELCO BUILDING (SERVICE STATI	***603 HALEKAUWILA ST***	***WNW 1/4 - 1/2 (0.310 mi.)***	***AB163***	***166***
Facility Status: Site Cleanup Completed (NFA)				
TAI HING CO., INC.	***1023 KAWAIAHAO ST***	***SSE 1/4 - 1/2 (0.311 mi.)***	***AA164***	***167***
Facility Status: Site Cleanup Completed (NFA)				
TESORO GAS EXPRESS 11	***940 AUAHI ST***	***SSW 1/4 - 1/2 (0.313 mi.)***	***165***	***167***
Facility Status: Site Cleanup Completed (NFA)				
EUROCARE/KEICO PACIFIC/SHONS A	***545 SOUTH ST***	***WNW 1/4 - 1/2 (0.333 mi.)***	***AC166***	***170***
Facility Status: Site Cleanup Completed (NFA)				
JAS W GLOVER LTD	***1046 WAIMAMU ST***	***SE 1/4 - 1/2 (0.342 mi.)***	***AD167***	***170***
Facility Status: Site Cleanup Completed (NFA)				
ARA SERVICES INC.	***746 AUAHI ST***	***WSW 1/4 - 1/2 (0.345 mi.)***	***168***	***173***
Facility Status: Site Cleanup Completed (NFA)				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER SHELLY MOTORS AUTO SALE	***744 ALA MOANA BLVD***	***SW 1/4 - 1/2 (0.358 mi.)***	***AE169***	***174***
Facility Status: Site Cleanup Completed (NFA)				
SAN AUTO BODY AND PAINTING	***1058 WAIMANU ST***	***SE 1/4 - 1/2 (0.359 mi.)***	***AD171***	***176***
Facility Status: Site Cleanup Completed (NFA)				
KODAK BUILDING	***1065 KAPIOLANI BLVD***	***SE 1/4 - 1/2 (0.362 mi.)***	***AF172***	***176***
Facility Status: Site Cleanup Completed (NFA)				
C&CH BOARD OF WATER SUPPLY BER	***630 S BERETANIA ST***	***N 1/4 - 1/2 (0.363 mi.)***	***173***	***177***
Facility Status: Site Cleanup Completed with EHMP				
Facility Status: Site Cleanup Completed (NFA)				
HONOLULU POLICE DEPT	***801 S BERETANIA ST***	***NE 1/4 - 1/2 (0.366 mi.)***	***174***	***180***
Facility Status: Confirmed Release				
MARKET CENTER SS	***1020 AUAHI ST***	***S 1/4 - 1/2 (0.366 mi.)***	***175***	***184***
Facility Status: Site Cleanup Completed (NFA)				
REED LANE WAREHOUSE	***556 REED LN***	***WNW 1/4 - 1/2 (0.370 mi.)***	***AC176***	***185***
Facility Status: Site Cleanup Completed (NFA)				
NEW CITY NISSAN	***900 ALA MOANA BLVD***	***SW 1/4 - 1/2 (0.381 mi.)***	***AE177***	***186***
Facility Status: Site Cleanup Completed (NFA)				
WRAF - HAWAIIAN TUNA PACKERS	***1011 ALA MOANA BLVD***	***SSW 1/4 - 1/2 (0.385 mi.)***	***AG179***	***191***
Facility Status: Site Cleanup Completed (NFA)				
CUTTER MOTOR CARS, INC	***800 ALA MOANA BLVD***	***SW 1/4 - 1/2 (0.402 mi.)***	***AE180***	***193***
Facility Status: Site Cleanup Completed (NFA)				
MID PAC PETROLEUM LLC 2705952	***882 S BERETANIA ST***	***NE 1/4 - 1/2 (0.411 mi.)***	***181***	***194***
Facility Status: Site Cleanup Completed (NFA)				
DAGS - AUTOMOTIVE MANAGEMENT D	***869A PUNCHBOWL ST***	***NW 1/4 - 1/2 (0.415 mi.)***	***182***	***197***
Facility Status: Site Cleanup Completed (NFA)				
KALANIMOKU BLDG	***TMK 2-1-24:011151 PUNCH***	***N 1/4 - 1/2 (0.415 mi.)***	***183***	***199***
Facility Status: Site Cleanup Completed (NFA)				
HONOLULU LAUNDRY CO., LTD.	***438 KAMAKEE ST***	***SE 1/4 - 1/2 (0.415 mi.)***	***AH185***	***201***
Facility Status: Site Cleanup Completed (NFA)				
FULLER O'BRIEN PAINT	***770 ALA MOANA BLVD***	***SW 1/4 - 1/2 (0.415 mi.)***	***AI186***	***202***
Facility Status: Site Cleanup Completed (NFA)				
Facility Status: Site Assessment Ongoing				
PFLUEGER ACURA	***777 ALA MOANA BLVD***	***SW 1/4 - 1/2 (0.417 mi.)***	***AI187***	***203***
Facility Status: LUST Cleanup Initiated				
Facility Status: Case Transferred to HEER (regulated)				
TEXACO STATION 61-100-0051	***1111 KAPIOLANI BLVD***	***SE 1/4 - 1/2 (0.422 mi.)***	***AF188***	***204***
Facility Status: Site Cleanup Completed (NFA)				
HONOLULU HAWAII AUTO REPAIR	***1111 WAIMANU ST***	***SE 1/4 - 1/2 (0.434 mi.)***	***AH189***	***205***
Facility Status: Site Cleanup Completed (NFA)				
THEO DAVIES EUROMOTORS	***704 ALA MOANA BLVD***	***WSW 1/4 - 1/2 (0.438 mi.)***	***AJ190***	***206***
Facility Status: Site Cleanup Completed (NFA)				
HONOLULU FORD INC.	***711 ALA MOANA BLVD***	***WSW 1/4 - 1/2 (0.449 mi.)***	***AJ191***	***208***
Facility Status: Site Cleanup Completed (NFA)				
COMPUTER CITY AT WARD VILLAGE	***1108 AUAHI ST***	***SSE 1/4 - 1/2 (0.453 mi.)***	***192***	***211***
Facility Status: Site Cleanup Completed (NFA)				
GASCO, INC.	***515 KAMAKEE ST***	***SE 1/4 - 1/2 (0.455 mi.)***	***193***	***212***
Facility Status: Site Cleanup Completed (NFA)				

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MCKINLEY CAR WASH	***1139 KAPIOLANI BLVD***	***SE 1/4 - 1/2 (0.461 mi.)***	***194***	***213***
Facility Status: Site Cleanup Completed (NFA)				
MCWAYNE MARINE SUPPLY	***1125 ALA MOANA BLVD***	***S 1/4 - 1/2 (0.467 mi.)***	***195***	***215***
Facility Status: Site Cleanup Completed (NFA)				
MATSON TERMINALS INC	***PIER 52, SAND ISLAND AC***	***NNW 1/4 - 1/2 (0.499 mi.)***	***198***	***221***
Facility Status: Site Cleanup Completed (NFA)				

State and tribal registered storage tank lists

HI 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 HI UST list, as provided by EDR, and dated 09/17/2014 has revealed that there are 41 HI UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAIMANU SASH & DOOR, LTD.	815 WAIMANU ST	0 - 1/8 (0.000 mi.)	A3	9
HAWAIIAN SECURITIES & REALTY,	***819, 835 AND 841 KAWAIA***	***SSW 0 - 1/8 (0.030 mi.)***	***B9***	***13***
STEINER CORPORATION	837 KAWAIAHAO ST	S 0 - 1/8 (0.031 mi.)	A10	13
SZYMANSKI PROPERTIES LLC	***757 KAWAIAHAO ST***	***W 0 - 1/8 (0.033 mi.)***	***A12***	***15***
SHELLY MAZDA SERVICE AREA	***CHAPIN ST***	***ESE 0 - 1/8 (0.047 mi.)***	***A17***	***20***
CHUEI SHOKO	***777 KAPIOLANI BLVD***	***ENE 0 - 1/8 (0.053 mi.)***	***A21***	***22***
IMPERIAL PLAZA	***725 KAPIOLANI BLVD***	***N 0 - 1/8 (0.062 mi.)***	***D25***	***26***
FORMER "HOTEL - YOUNG LAUNDRY"	***825 KAPIOLANI BLVD***	***ESE 0 - 1/8 (0.071 mi.)***	***E33***	***32***
SHELLY MOTORS INC.	***830 KAPIOLANI BLVD***	***ESE 0 - 1/8 (0.091 mi.)***	***E44***	***46***
STANDARD PLUMBING, INC.	894 WAIMANU ST	SE 0 - 1/8 (0.094 mi.)	F45	47
H. HAMADA STORE INC.	***885 QUEEN ST***	***S 0 - 1/8 (0.094 mi.)***	***G46***	***48***
PACIFIC PARK PLAZA	***711 KAPIOLANI BLVD, SUI***	***N 0 - 1/8 (0.095 mi.)***	***D47***	***48***
CHARLES AND JANET FUJII	901-905 WAIMANU ST	SE 0 - 1/8 (0.099 mi.)	F55	53
ZIROLI CO	905 WAIMANU ST	SE 0 - 1/8 (0.105 mi.)	F62	57
CLARA TAKEKUCHI	848 ILANIWAI ST	SSW 0 - 1/8 (0.109 mi.)	G67	60
A COMPLETE SILK SCREEN SHOP	860 HALEKAUWILA ST	SSW 0 - 1/8 (0.125 mi.)	J71	61
TODOKI MACHINE & MARINE WORKS	810 HALEKAUWILA ST	SW 1/8 - 1/4 (0.144 mi.)	H80	68
LEX BRODIE TIRE CO.	***701 S QUEEN ST***	***WNW 1/8 - 1/4 (0.150 mi.)***	***I82***	***70***
SERVCO PACIFIC	650 KAPIOLANI BLVD	N 1/8 - 1/4 (0.152 mi.)	L84	72
WARD AVE SHELL	***520 WARD AVE***	***SSE 1/8 - 1/4 (0.159 mi.)***	***N92***	***80***
KAPIOLANI BOWL	***KAPIOLANI BLVD X WARD A***	***SE 1/8 - 1/4 (0.161 mi.)***	***M93***	***82***
HAWAIIAN HARDWOOD CO., LTD	***935 QUEEN ST***	***S 1/8 - 1/4 (0.162 mi.)***	***N94***	***83***
REGO'S PURITY FOODS CO., INC.	***942 KAWAIAHAO ST***	***SSE 1/8 - 1/4 (0.162 mi.)***	***N95***	***83***
POHULANI ELDERLY PROJECT	***677 QUEEN ST***	***WNW 1/8 - 1/4 (0.168 mi.)***	***O97***	***85***
HAWAII NEWSPAPER AGENCY INC	***605 KAPIOLANI BLVD***	***NNW 1/8 - 1/4 (0.177 mi.)***	***L100***	***90***
HECO WARD AVE COMPLEX	***820 WARD AVE***	***E 1/8 - 1/4 (0.187 mi.)***	***P106***	***101***
T W SYSTEMS	955 WAIMANU ST	SE 1/8 - 1/4 (0.187 mi.)	Q107	104
VICTORIA WARD LTD	955 KAWAIAHAO ST	SSE 1/8 - 1/4 (0.189 mi.)	N108	104
420 WARD AVE	***420 WARD AVE/901 ILANIW***	***S 1/8 - 1/4 (0.189 mi.)***	***109***	***105***
VICTORIA WARD LTD	956 KAWAIAHAO ST	SSE 1/8 - 1/4 (0.190 mi.)	N110	106
DCL - HONOLULU SHIP SUPPLY	506 AHUI ST	SW 1/8 - 1/4 (0.190 mi.)	R111	106
HAWAII COMMUNITY DEVELOPMENT A	***548 COOKE ST***	***WSW 1/8 - 1/4 (0.192 mi.)***	***S112***	***107***
TESORO 2GO # 61024	***759 S KING ST***	***NNE 1/8 - 1/4 (0.194 mi.)***	***T115***	***109***
GENSIRO KAWAMOTO	***630 KEAWE ST***	***WNW 1/8 - 1/4 (0.206 mi.)***	***O119***	***118***
HAWAII COMMUNITY DEVELOPMENT A	524 COOKE ST	WSW 1/8 - 1/4 (0.212 mi.)	S123	123

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GENSIRO KAWAMOTO	*627 QUEEN ST*	*WNW 1/8 - 1/4 (0.217 mi.)*	*O124*	*123*
RAY'S AUTO SERVICE	*959 QUEEN ST*	*SSE 1/8 - 1/4 (0.218 mi.)*	*V125*	*124*
CIVIC CENTER PARKING STRUCTURE	*1100 ALAPAI ST*	*N 1/8 - 1/4 (0.220 mi.)*	*W127*	*125*
HONOLULU MUNICIPAL BLDG	*650 S KING ST*	*N 1/8 - 1/4 (0.221 mi.)*	*W129*	*127*
ONE ARCHER LANE (FORMERLY KING	*809 S KING ST*	*NE 1/8 - 1/4 (0.231 mi.)*	*T133*	*132*
HONOLULU SHIP SUPPLY	*834 POHUKAINA ST*	*SW 1/8 - 1/4 (0.235 mi.)*	*R137*	*137*

State and tribal institutional control / engineering control registries

HI ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the HI ENG CONTROLS list, as provided by EDR, and dated 01/04/2014 has revealed that there are 9 HI ENG CONTROLS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BMW OF HONOLULU	*777 KAPIOLANI BLVD*	*ENE 0 - 1/8 (0.053 mi.)*	*A20*	*21*
CHUEI SHOKOH, INC.	*825 KAPIOLANI BLVD*	*ESE 0 - 1/8 (0.071 mi.)*	*E34*	*33*
HECO SOIL CONTAMINATION CHAPIN	*CHAPIN LN & KAPIOLANI B*	*ESE 0 - 1/8 (0.088 mi.)*	*E41*	*38*
HAWAII INSTRUMENTATION & CONTR	*822 HALEKAUWILA ST*	*SW 1/8 - 1/4 (0.139 mi.)*	*J78*	*65*
HAWAII NEWSPAPER AGENCY INC	*605 KAPIOLANI BLVD*	*NNW 1/8 - 1/4 (0.177 mi.)*	*L100*	*90*
HAWAII OPERA THEATER SETS & PR	*962 KAWAIAHAO ST*	*SSE 1/8 - 1/4 (0.202 mi.)*	*N117*	*115*
COOKE STREET LEAD CONTAMINATIO	*501 COOKE ST*	*WSW 1/8 - 1/4 (0.232 mi.)*	*S135*	*134*
QUEEN EMMALANI TOWER	*600 QUEEN ST*	*WNW 1/4 - 1/2 (0.252 mi.)*	*Y148*	*146*
WRAF - HAWAIIAN TUNA PACKERS	*1011 ALA MOANA BLVD*	*SSW 1/4 - 1/2 (0.385 mi.)*	*AG179*	*191*

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

A review of the HI INST CONTROL list, as provided by EDR, and dated 01/04/2014 has revealed that there are 11 HI INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BMW OF HONOLULU	*777 KAPIOLANI BLVD*	*ENE 0 - 1/8 (0.053 mi.)*	*A20*	*21*
HD&C, 725 KAPIOLANI BOULEVARD	*725 KAPIOLANI BLVD*	*N 0 - 1/8 (0.062 mi.)*	*D24*	*24*
CHUEI SHOKOH, INC.	*825 KAPIOLANI BLVD*	*ESE 0 - 1/8 (0.071 mi.)*	*E34*	*33*
HECO SOIL CONTAMINATION CHAPIN	*CHAPIN LN & KAPIOLANI B*	*ESE 0 - 1/8 (0.088 mi.)*	*E41*	*38*
HAWAII INSTRUMENTATION & CONTR	*822 HALEKAUWILA ST*	*SW 1/8 - 1/4 (0.139 mi.)*	*J78*	*65*
HECO PAD-MOUNTED #65844 TRANSF	*650 KAPIOLANI BLVD*	*N 1/8 - 1/4 (0.159 mi.)*	*L88*	*75*
HAWAII NEWSPAPER AGENCY INC	*605 KAPIOLANI BLVD*	*NNW 1/8 - 1/4 (0.177 mi.)*	*L100*	*90*
HAWAII OPERA THEATER SETS & PR	*962 KAWAIAHAO ST*	*SSE 1/8 - 1/4 (0.202 mi.)*	*N117*	*115*
COOKE STREET LEAD CONTAMINATIO	*501 COOKE ST*	*WSW 1/8 - 1/4 (0.232 mi.)*	*S135*	*134*
QUEEN EMMALANI TOWER	*600 QUEEN ST*	*WNW 1/4 - 1/2 (0.252 mi.)*	*Y148*	*146*
UNDERGROUND HOISTS	*744 ALA MOANA BLVD*	*SW 1/4 - 1/2 (0.358 mi.)*	*AE170*	*174*

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

HI VCP: Voluntary Response Program Sites.

A review of the HI VCP list, as provided by EDR, and dated 01/04/2014 has revealed that there is 1 HI VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHUEI SHOKOH, INC.	*825 KAPIOLANI BLVD*	*ESE 0 - 1/8 (0.071 mi.)*	*E34*	*33*

State and tribal Brownfields sites

HI BROWNFIELDS: Brownfields Site List

A review of the HI BROWNFIELDS list, as provided by EDR, and dated 01/04/2014 has revealed that there is 1 HI BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WRAF - HAWAIIAN TUNA PACKERS	*1011 ALA MOANA BLVD*	*SSW 1/4 - 1/2 (0.385 mi.)*	*AG179*	*191*

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 09/22/2014 has revealed that there are 2 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
KAKA'AKO SITE: UNIT 6	*1011 ALA MOANA BLVD*	*SSW 1/4 - 1/2 (0.385 mi.)*	*AG178*	*188*
KAKA'AKO SITE: UNIT 8	*BORDERED W BY AHUI ST,*	*SW 1/4 - 1/2 (0.485 mi.)*	*197*	*219*

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/10/2014 has revealed that there are 17 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAIMANU SASH & DOOR LTD#	815 WAIMANU ST	0 - 1/8 (0.000 mi.)	A2	7
SZYMANSKI PROPERTIES LLC	***757 KAWAIAHAO ST***	***W 0 - 1/8 (0.033 mi.)***	***A14***	***16***
ABL COMPUTER TECH INC	***875 WAIMANU ST***	***SE 0 - 1/8 (0.067 mi.)***	***B29***	***27***
RAYMOND'S PAINTING CO INC	***738 QUEEN ST***	***W 0 - 1/8 (0.070 mi.)***	***C31***	***29***
HOUSING LOAN ADMINISTRATION CO	825 KAPIOLANI BLVD	ESE 0 - 1/8 (0.071 mi.)	E32	30
WAYNE'S AUTO ELECTRIC, INC	***858 QUEEN STREET***	***SSW 0 - 1/8 (0.072 mi.)***	***B36***	***35***
W H FIDDLER CO LTD	***611 COOKE ST***	***W 0 - 1/8 (0.109 mi.)***	***H65***	***58***
V H T INC	***918 ILANIWAI ST***	***S 1/8 - 1/4 (0.147 mi.)***	***G81***	***69***
SYMPHONY PARK	***770 802 818 830 864 KAP***	***ESE 1/8 - 1/4 (0.156 mi.)***	***M85***	***72***
SERVCO PACIFIC INC	650 KAPIOLANI BLVD	N 1/8 - 1/4 (0.159 mi.)	L89	76
LA REGO INVESTMENT CO INC	***942 KAWAIAHAO ST***	***SSE 1/8 - 1/4 (0.162 mi.)***	***N96***	***84***
BLAIR LTD	***404 A WARD AVE***	***W 1/8 - 1/4 (0.180 mi.)***	***K102***	***92***
KYLES SVC	***869 KAWAIHAAO***	***NW 1/8 - 1/4 (0.186 mi.)***	***O104***	***95***
548 COOKE ST	***548 COOKE ST***	***WSW 1/8 - 1/4 (0.192 mi.)***	***S113***	***108***
CIVIC CENTER PARKING STRUCTURE	***1100 ALAPAI ST***	***N 1/8 - 1/4 (0.220 mi.)***	***W128***	***126***
TRANSMISSION SERVICE OF HAWAII	***972 KAWAIAHAO ST***	***SSE 1/8 - 1/4 (0.222 mi.)***	***Q130***	***128***
RED AND WHITE FOODS INC	***834 POHUKAINA ST***	***SW 1/8 - 1/4 (0.235 mi.)***	***R136***	***135***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 52 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	822 KAWAIAHAO ST	SW 0 - 1/8 (0.002 mi.)	A4	9
Not reported	807 KAWAIAHAO ST	SW 0 - 1/8 (0.003 mi.)	A5	10
Not reported	815 KAWAIAHAO ST	SSW 0 - 1/8 (0.009 mi.)	A6	11
Not reported	836 KAWAIAHAO ST	SSW 0 - 1/8 (0.018 mi.)	A7	12
Not reported	757 KAWAIAHAO ST	W 0 - 1/8 (0.033 mi.)	A13	15
Not reported	762 QUEEN ST	WSW 0 - 1/8 (0.042 mi.)	C15	18
Not reported	812 QUEEN ST	SW 0 - 1/8 (0.049 mi.)	B18	20
Not reported	764 KAWAIAHAO ST	WNW 0 - 1/8 (0.052 mi.)	C19	21
Not reported	765 QUEEN ST	WSW 0 - 1/8 (0.055 mi.)	C22	23
Not reported	753 QUEEN ST	WSW 0 - 1/8 (0.061 mi.)	C23	24
Not reported	869 KAWAIAHAO ST	S 0 - 1/8 (0.063 mi.)	B26	26
Not reported	848 QUEEN ST	SSW 0 - 1/8 (0.065 mi.)	B27	27
Not reported	875 WAIMANU ST	SE 0 - 1/8 (0.067 mi.)	B28	27
Not reported	852 QUEEN ST	SSW 0 - 1/8 (0.069 mi.)	B30	29
Not reported	858 QUEEN ST	SSW 0 - 1/8 (0.072 mi.)	B35	34
Not reported	859 QUEEN ST	SSW 0 - 1/8 (0.073 mi.)	B37	36

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	882 KAWAIAHAO ST	SSE 0 - 1/8 (0.074 mi.)	B38	36
Not reported	818 KAPIOLANI BLVD	ESE 0 - 1/8 (0.078 mi.)	E39	38
Not reported	871 QUEEN ST	SSW 0 - 1/8 (0.083 mi.)	B40	38
Not reported	878 QUEEN ST	S 0 - 1/8 (0.088 mi.)	B43	46
Not reported	716 QUEEN ST	W 0 - 1/8 (0.095 mi.)	C48	49
Not reported	766 ILANIWAI ST	SW 0 - 1/8 (0.095 mi.)	H49	49
Not reported	540 KAMANI ST	SSE 0 - 1/8 (0.098 mi.)	F51	51
Not reported	812 ILANIWAI ST	SW 0 - 1/8 (0.098 mi.)	H52	51
Not reported	814 ILANIWAI ST	SW 0 - 1/8 (0.098 mi.)	H53	52
Not reported	747 ILANIWAI ST	WSW 0 - 1/8 (0.098 mi.)	H54	52
Not reported	734 ILANIWAI ST	WSW 0 - 1/8 (0.099 mi.)	H56	53
Not reported	828 ILANIWAI ST	SSW 0 - 1/8 (0.102 mi.)	H57	54
Not reported	825 ILANIWAI ST	SW 0 - 1/8 (0.103 mi.)	H58	54
Not reported	902 KAWAIAHAO ST	SSE 0 - 1/8 (0.103 mi.)	F60	56
Not reported	836 ILANIWAI ST	SSW 0 - 1/8 (0.105 mi.)	G61	56
Not reported	904 WAIMANU ST	SE 0 - 1/8 (0.105 mi.)	F63	57
Not reported	505 KAMANI ST	S 0 - 1/8 (0.109 mi.)	G64	58
Not reported	611 COOKE ST	W 0 - 1/8 (0.109 mi.)	H66	59
Not reported	907 KAWAIAHAO ST	SSE 0 - 1/8 (0.109 mi.)	F68	60
Not reported	703 KAWAIAHAO ST	NW 0 - 1/8 (0.112 mi.)	I69	61
Not reported	862 ILANIWAI ST	SSW 0 - 1/8 (0.115 mi.)	G70	61
Not reported	440 KAMANI ST	S 0 - 1/8 (0.125 mi.)	G72	62
Not reported	690 QUEEN ST	WNW 1/8 - 1/4 (0.125 mi.)	I74	64
Not reported	614 COOKE ST	WSW 1/8 - 1/4 (0.134 mi.)	K75	64
Not reported	912 ILANIWAI ST	SSW 1/8 - 1/4 (0.134 mi.)	G76	64
Not reported	575 COOKE ST	WSW 1/8 - 1/4 (0.137 mi.)	K77	65
Not reported	701 QUEEN ST	WNW 1/8 - 1/4 (0.150 mi.)	I83	72
Not reported	520 WARD AVE	SSE 1/8 - 1/4 (0.159 mi.)	N91	79
Not reported	759 S KING ST	NNE 1/8 - 1/4 (0.194 mi.)	T114	109
Not reported	670 HALEKAUWILA ST	W 1/8 - 1/4 (0.210 mi.)	U121	122
Not reported	967 KAWAIAHAO ST	SSE 1/8 - 1/4 (0.212 mi.)	N122	122
Not reported	959 QUEEN ST	SSE 1/8 - 1/4 (0.218 mi.)	V126	125
Not reported	972 KAWAIAHAO ST	SSE 1/8 - 1/4 (0.222 mi.)	Q131	130
Not reported	805 POHUKAINA ST	SW 1/8 - 1/4 (0.232 mi.)	R134	133
Not reported	350 WARD AVE	SSW 1/8 - 1/4 (0.240 mi.)	X140	139
Not reported	980 QUEEN ST	SSE 1/8 - 1/4 (0.248 mi.)	V146	145

EDR US Hist Cleaners: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 4 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

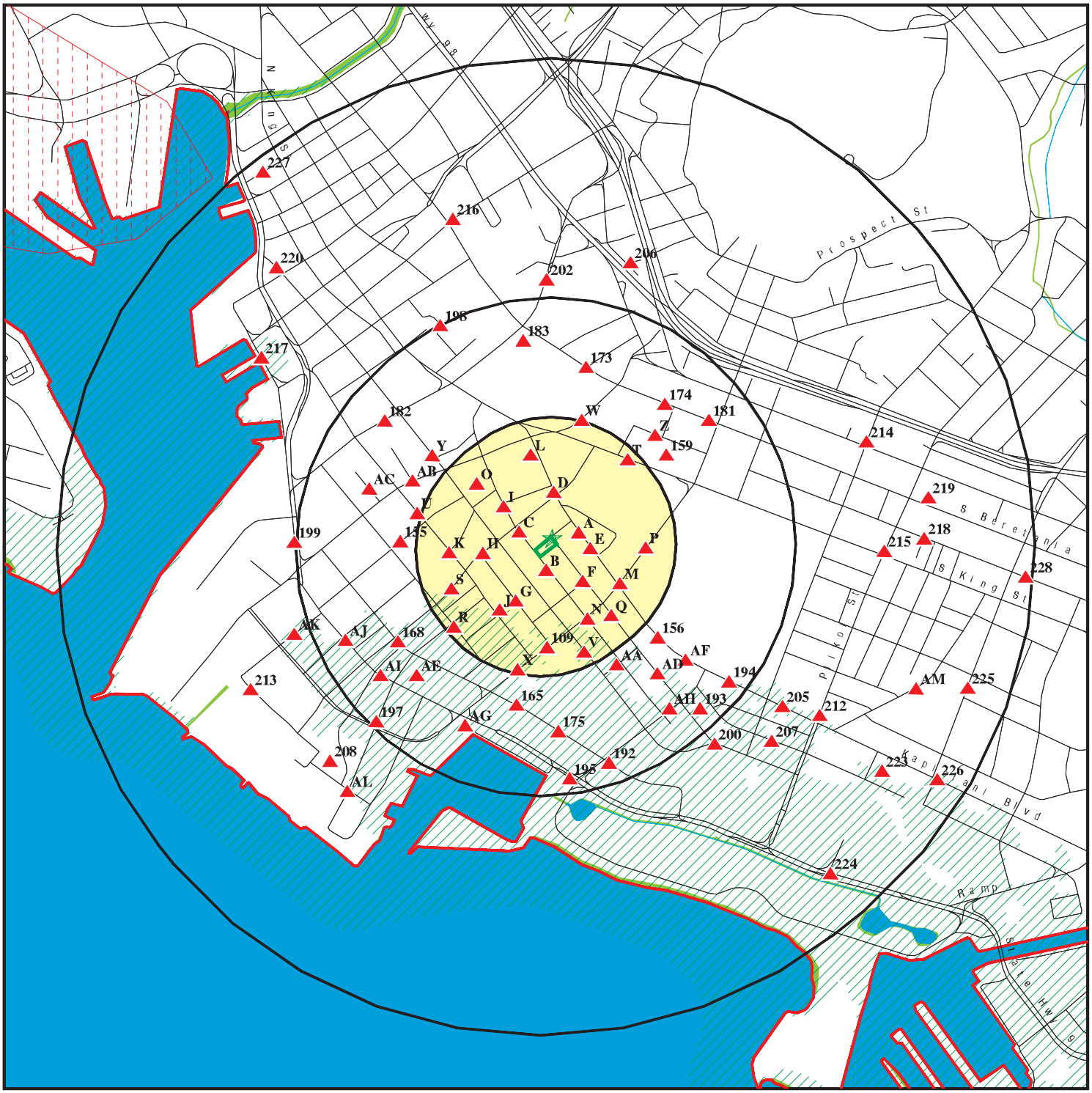
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	949 KAWAIAHAO ST	SSE 1/8 - 1/4 (0.178 mi.)	N101	92
Not reported	841 POHUKAINA ST	SW 1/8 - 1/4 (0.238 mi.)	R139	139
Not reported	350 WARD AVE	SSW 1/8 - 1/4 (0.240 mi.)	X141	139
Not reported	851 POHUKAINA ST	SW 1/8 - 1/4 (0.240 mi.)	R143	142

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 14 records.

Site Name	Database(s)
KAKAAKO BROWNFIELD PROJECT - UNIT	HI SHWS, HI ENG CONTROLS, HI BROWNFIELDS
KAKAAKO BROWNFIELD PROJECT - UNIT	HI SHWS, HI ENG CONTROLS, HI BROWNFIELDS
HONOLULU SEAWATER AIR CONDITIONING	HI SHWS, HI ENG CONTROLS, HI INST CONTROL
KAKAAKO BROWNFIELD PROJECT - UNIT	HI SHWS, HI ENG CONTROLS, HI BROWNFIELDS
KAKAAKO BROWNFIELD PROJECT - UNIT	HI SHWS, HI ENG CONTROLS, HI BROWNFIELDS
CITIZENS ENERGY SERVICES PIER 38	HI SHWS, HI SPILLS, HI ENG CONTROLS, HI INST CONTROL
KAKAAKO MAKAI DISTRICT JOHN DOMINI	HI SHWS, HI INST CONTROL
ALA WAI HARBOR BOAT REPAIR YARD	HI SHWS
KAKAAKO MAKAI GATEWAY	HI SHWS
KEEAUMOKU SUPERBLOCK PROJECT	HI SHWS, HI SPILLS
FORMER KAPALAMA MILITARY RESERVATI	HI SHWS
NIMITZ HIGHWAY WATER IMPROVEMENT P	HI SHWS
DLNR BURIED DRUM SITE	HI SHWS, HI SPILLS, HI INST CONTROL
JCRA INVESTMENTS	HI LUST

OVERVIEW MAP - 4163300.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

County Boundary

Oil & Gas pipelines from USGS

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: 2014-0228	CLIENT: Muranaka Env. Consultants, Inc
ADDRESS: 803 Waimanu Street Honolulu HI 96813	CONTACT: Maureen Logan
LAT/LONG: 21.3003 / 157.8548	INQUIRY #: 4163300.2s
	DATE: December 17, 2014 1:10 pm

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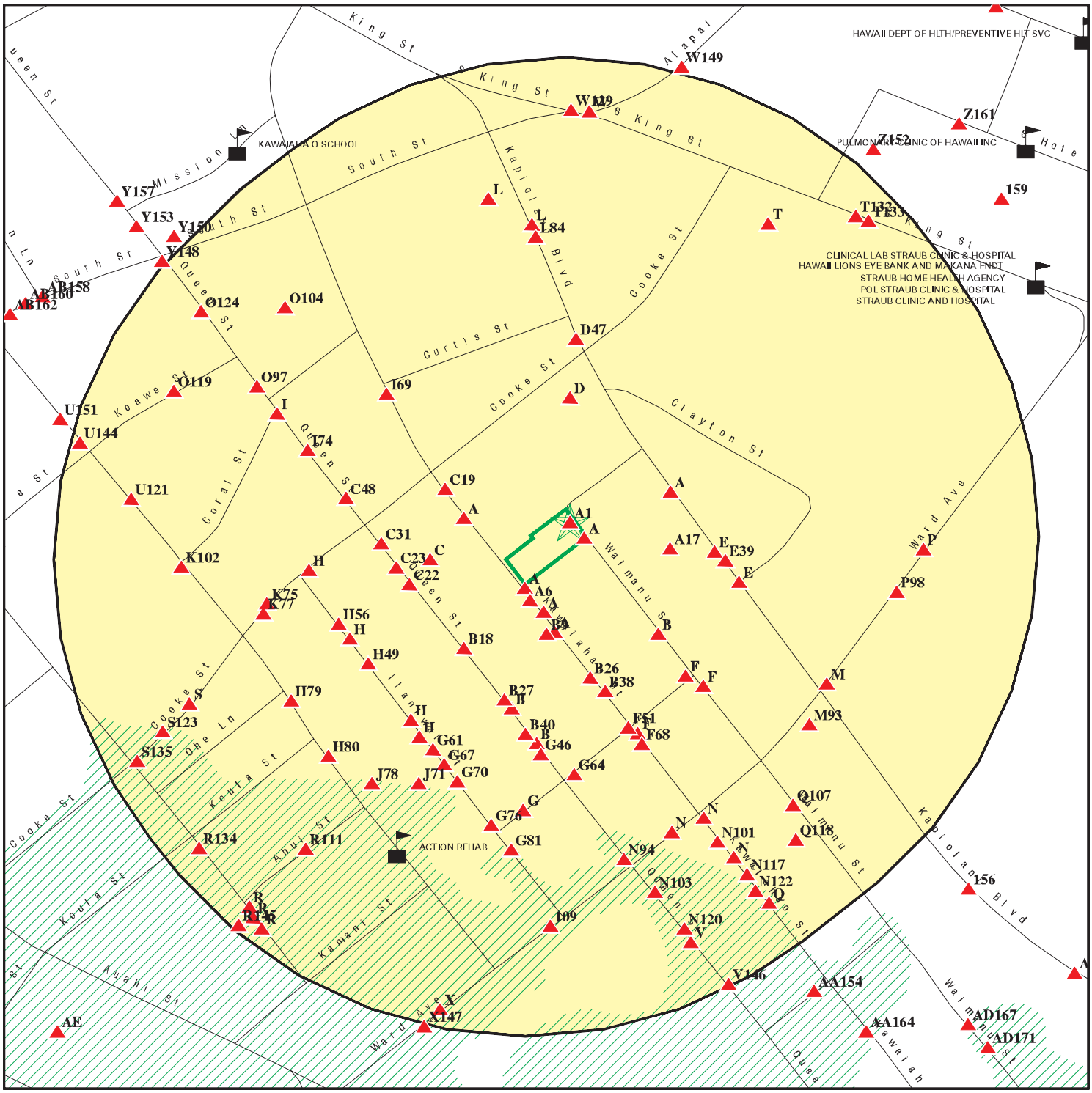
DETAIL MAP - 4163300.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

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: 2014-0228	CLIENT: Muranaka Env. Consultants, Inc
ADDRESS: 803 Waimanu Street Honolulu HI 96813	CONTACT: Maureen Logan INQUIRY #: 4163300.2s
LAT/LONG: 21.3003 / 157.8548	DATE: December 17, 2014 1:10 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	2	1	NR	NR	3
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	1	NR	1
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	4	NR	NR	NR	4
RCRA-CESQG	0.250		3	8	NR	NR	NR	11
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
HI SHWS	1.000		8	7	8	30	NR	53
State and tribal landfill and/or solid waste disposal site lists								
HI SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
HI LUST	0.500		8	15	45	NR	NR	68
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
HI UST	0.250		16	25	NR	NR	NR	41

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
HI ENG CONTROLS	0.500		3	4	2	NR	NR	9
HI INST CONTROL	0.500		4	5	2	NR	NR	11
State and tribal voluntary cleanup sites								
HI VCP	0.500		1	0	0	NR	NR	1
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
HI BROWNFIELDS	0.500		0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	2	NR	NR	2
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HI CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
HI SPILLS	TP		NR	NR	NR	NR	NR	0
HI SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		7	10	NR	NR	NR	17
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
HI UIC	TP		NR	NR	NR	NR	NR	0
HI DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
HI AIRS	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
HI Financial Assurance	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250	1	38	14	NR	NR	NR	53
EDR US Hist Cleaners	0.250		0	4	NR	NR	NR	4
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
HI RGA LUST	TP		NR	NR	NR	NR	NR	0
HI RGA LF	TP		NR	NR	NR	NR	NR	0
HI RGA HWS	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target Property

803 WAIMANU ST
HONOLULU, HI 96813

EDR US Hist Auto Stat **1015640136**
N/A

Site 1 of 16 in cluster A

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	L & L TRANSMISSION & MOTOR REPAIR
Year:	2009
Address:	803 WAIMANU ST
Name:	L & L TRANSMISSION & MOTOR RPR
Year:	2010
Address:	803 WAIMANU ST
Name:	L & L TRANSMISSION & MOTOR REPAIR
Year:	2011
Address:	803 WAIMANU ST
Name:	IMPERIAL AUTO REPAIR
Year:	2012
Address:	803 WAIMANU ST

A2

< 1/8
1 ft.

WAIMANU SASH & DOOR LTD#
815 WAIMANU ST
HONOLULU, HI 96813

RCRA NonGen / NLR **1000295861**
HID009152059

Site 2 of 16 in cluster A

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:

Date form received by agency:	06/27/1980
Facility name:	WAIMANU SASH & DOOR LTD#
Facility address:	815 WAIMANU ST HONOLULU, HI 96813
EPA ID:	HID009152059
Contact:	ENVIRONMENTAL MANAGER
Contact address:	815 WAIMANU ST HONOLULU, HI 96813
Contact country:	US
Contact telephone:	(808) 533-3895
Contact email:	Not reported
EPA Region:	09
Land type:	Other land type
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

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

WAIMANU SASH & DOOR LTD# (Continued) **1000295861**

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

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

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 12/11/1990
Date achieved compliance: 02/26/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/25/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/12/1985
Date achieved compliance: 06/02/1986
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 01/31/1996

WAIMANU SASH & DOOR LTD# (Continued) **1000295861**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/11/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/26/1991
Evaluation lead agency: State

Evaluation date: 09/12/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/02/1986
Evaluation lead agency: State

A3 **WAIMANU SASH & DOOR, LTD.** **HI UST** **U003154470**
815 WAIMANU ST **N/A**
< 1/8 **HONOLULU, HI 96813**
1 ft.

Site 3 of 16 in cluster A

Relative:
Higher

Actual:
3 ft.

UST:
Facility ID: 9-100361
Owner: WAIMANU SASH & DOOR, LTD.
Owner Address: 815 WAIMANU ST
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: Not reported
Longitude: Not reported
Horizontal Reference Datum Name: Not reported

Tank ID: R-1
Date Installed: 01/01/1960
Tank Status: **Permanently Out of Use**
Date Closed: 01/09/1995
Tank Capacity: 750
Substance: Gasoline

Tank ID: R-2
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 01/01/1995
Tank Capacity: 200
Substance: Not Listed

A4 **EDR US Hist Auto Stat** **1015648056**
SW **822 KAWAIAHAO ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.002 mi.
10 ft.

Site 4 of 16 in cluster A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:
Name: KWANS AUTO BODY PAINTING
Year: 1999
Address: 822 KAWAIAHAO ST

(Continued) **1015648056**

Name: KWANS AUTO BODY PAINTING
Year: 2001
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY PAINTING
Year: 2002
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY PAINTING
Year: 2003
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY & SHOP
Year: 2007
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY & SHOP
Year: 2008
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY & SHOP
Year: 2009
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY PAINTING
Year: 2010
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY PAINTING
Year: 2011
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY PAINTING
Year: 2012
Address: 822 KAWAIAHAO ST

A5 **EDR US Hist Auto Stat** **1015641827**
SW **807 KAWAIAHAO ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.003 mi.
17 ft. **Site 5 of 16 in cluster A**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: RAZAS AUTO WORKS LLC
Year: 2003
Address: 807 KAWAIAHAO ST

Name: RAZAS AUTO WORKS LLC
Year: 2004
Address: 807 KAWAIAHAO ST

Name: RAZAS AUTO WORKS LLC
Year: 2011
Address: 807 KAWAIAHAO ST

Name: RAZAS AUTO WORKS LLC
Year: 2012
Address: 807 KAWAIAHAO ST

A6
SSW
< 1/8
0.009 mi.
48 ft.

EDR US Hist Auto Stat **1015645318**
N/A

815 KAWAIAHAO ST
HONOLULU, HI 96813

Site 6 of 16 in cluster A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: STEWARTS AUTO SERVICE
Year: 2001
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2002
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2003
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2004
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2005
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2007
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2008
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2009
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SVC
Year: 2010
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2011
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2012
Address: 815 KAWAIAHAO ST

A7
SSW
< 1/8
0.018 mi.
96 ft.

EDR US Hist Auto Stat — **1015652091** / **N/A**

836 KAWAIAHAO ST
HONOLULU, HI 96813

Site 7 of 16 in cluster A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	ANDYS AUTO REPAIR
Year:	2001
Address:	836 KAWAIAHAO ST
Name:	ANDYS AUTO REPAIR
Year:	2002
Address:	836 KAWAIAHAO ST

A8
SSW
< 1/8
0.018 mi.
96 ft.

HI SHWS — **S111704659** / **N/A**

836 KAWAIAHAO STREET
836 KAWAIAHAO ST
HONOLULU, HI

Site 8 of 16 in cluster A

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	836 Kawaiahao Street
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Melody Calisay
Hazard Priority:	Low
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	836 Kawaiahao Street
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	Low
Assessment:	Response Necessary
Response:	Response Ongoing
Nature of Contamination:	Found: TPH-oil detected in one soil sample collected in surface soil.
Nature of Residual Contamination:	Not reported
Use Restrictions:	Undetermined
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	Not reported
Document Date:	Not reported
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Melody Calisay
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

B9 SSW < 1/8 0.030 mi. 157 ft. | **HAWAIIAN SECURITIES & REALTY, LTD** | **HI LUST** | **U003402840**
819, 835 AND 841 KAWAIAHAO ST | **HI UST** | **N/A**
HONOLULU, HI 96813

Site 1 of 14 in cluster B

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-103418
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	08/27/1999
Release ID:	980216
Project Officer:	Renato Maniulit

UST:

Facility ID:	9-103418
Owner:	HAWAIIAN SECURITIES & REALTY, LTD
Owner Address:	1132 BISHOP ST, SUITE 1412
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.2992
Longitude:	-157.855
Horizontal Reference Datum Name:	NAD83
Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	07/29/1998
Tank Capacity:	260
Substance:	Gasoline

A10 South < 1/8 0.031 mi. 163 ft. | **STEINER CORPORATION** | **HI UST** | **U003154732**
837 KAWAIAHAO ST | **N/A**
HONOLULU, HI 96813

Site 9 of 16 in cluster A

Relative: Higher

Actual: 3 ft.

UST:

Facility ID:	9-102940
Owner:	STEINER CORPORATION
Owner Address:	837 KAWAIAHAO ST
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	Not reported
Longitude:	Not reported
Horizontal Reference Datum Name:	Not reported
Tank ID:	R-2
Date Installed:	06/15/1963
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	550
Substance:	Gasoline

A11 South < 1/8 0.031 mi. 163 ft. | **AMERICAN LINEN WAREHOUSE 837 KAWAIAHAO ST HONOLULU, HI** | **HI SHWS HI SPILLS** | **S106816215 N/A**

Site 10 of 16 in cluster A

Relative: Higher

Actual: 3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	837 Kawaiahao Street
HID Number:	Not reported
Facility Registry Identifier:	110014053371
Lead Agency:	Not reported
Program:	State
Project Manager:	Mark Sutterfield
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	837 Kawaiahao Street
HID Number:	Not reported
Facility Registry Identifier:	110014053371
Lead Agency:	Not reported
Progran Name:	State
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Diesel in soil
Nature of Residual Contamination:	Benzo(a)pyrene in soil in one sample collected 3.5 feet bgs exceeded HDOH EALs.
Use Restrictions:	No Hazard Present for Unrestricted Residential Use
Engineering Control:	No Engineering Control Required
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Unrestricted Residential Use
Document Date:	03/24/2005
Document Number:	2005-153-MS
Document Subject:	NFA letter for American Linen Warehouse
Project Manager:	Mark Sutterfield
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19970312-0000
HID Number:	Not reported
Facility Registry Id:	110014053371
Lead and Program:	HEER EP&R
ER:	Not reported
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

AMERICAN LINEN WAREHOUSE (Continued) **S106816215**

Activity Lead: Bill Perry
Assignment End Date: 2002-10-28 00:00:00
Result: Refer to ISST
File Under: American Linen

A12 **SZYMANSKI PROPERTIES LLC** **HI LUST** **U003914035**
West **757 KAWAIAHAO ST** **HI UST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.033 mi.
173 ft. **Site 11 of 16 in cluster A**

Relative:
Higher

Actual:
3 ft.

LUST:
Facility ID: 9-103765
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 01/05/2004
Release ID: 030043
Project Officer: Jose Ruiz

UST:
Facility ID: 9-103765
Owner: VOYTEK SZYMANSKI PROPERTIES LLC
Owner Address: 757 KAWAIAHAO ST
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3002
Longitude: -157.856
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: 01/01/2040
Tank Status: **Permanently Out of Use**
Date Closed: 07/07/2003
Tank Capacity: 1000
Substance: Used Oil

Tank ID: R-2
Date Installed: 01/01/1955
Tank Status: **Permanently Out of Use**
Date Closed: 07/01/2003
Tank Capacity: 550
Substance: Gasoline

A13 **EDR US Hist Auto Stat** **1015626865**
West **757 KAWAIAHAO ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.033 mi.
173 ft. **Site 12 of 16 in cluster A**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:
Name: ZAKS AUTO & REPAIR
Year: 1999
Address: 757 KAWAIAHAO ST

Name: CR IMPORT REPAIR
Year: 2001
Address: 757 KAWAIAHAO ST

(Continued) **1015626865**

Name: CR IMPORT REPAIR
Year: 2002
Address: 757 KAWAIAHAO ST

Name: CR IMPORT REPAIR
Year: 2003
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR ELECTRONIC
Year: 2004
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR ELECTRONICS
Year: 2005
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR EXPORT
Year: 2007
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR EXPERTS
Year: 2008
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR EXPERTS
Year: 2009
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR EXPERTS
Year: 2010
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR EXPERTS
Year: 2011
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR EXPERTS
Year: 2012
Address: 757 KAWAIAHAO ST

A14 **SZYMANSKI PROPERTIES LLC** **RCRA NonGen / NLR** **1000252025**
West **757 KAWAIAHAO ST** **FINDS** **HID981686744**
< 1/8 **HONOLULU, HI 96813**
0.033 mi.
173 ft. **Site 13 of 16 in cluster A**

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:
Date form received by agency: 03/12/2007
Facility name: SZYMANSKI PROPERTIES LLC
Facility address: 757 KAWAIAHAO ST
HONOLULU, HI 96813
EPA ID: HID981686744
Mailing address: 1350 ALA MOANA BOULEVARD
2811
HONOLULU, HI 96814
Contact: VOYTEK SZYMANSKI
Contact address: 1350 ALA MOANA BOULEVARD 2811
HONOLULU, HI 96814

SZYMANSKI PROPERTIES LLC (Continued) **1000252025**

Contact country: US
Contact telephone: 808-589-1333
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: MOUNTAIN EDGE ENVIRONMENTAL INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/03/2003
Owner/Op end date: Not reported

Owner/operator name: SZYMANSKI PROPERTIES LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/11/2003
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 08/12/2003
Site name: SZYMANSKI PROPERTIES LLC
Classification: Large Quantity Generator

Date form received by agency: 11/08/2002
Site name: PACIFIC METALS INDUSTRIES
Classification: Not a generator, verified

Violation Status: No violations found

SZYMANSKI PROPERTIES LLC (Continued) **1000252025**

FINDS:

Registry ID: 110015844531

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

STATE MASTER

C15 **EDR US Hist Auto Stat** **1015628189**
WSW **762 QUEEN ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.042 mi.
221 ft. **Site 1 of 7 in cluster C**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:
Name: JS AUTOMOTIVE
Year: 1999
Address: 762 QUEEN ST

C16 **J S AUTOMOTIVE** **RCRA-CESQG** **1004688931**
WSW **762 QUEEN ST** **FINDS** **HID984470203**
< 1/8 **HONOLULU, HI 96813**
0.042 mi.
221 ft. **Site 2 of 7 in cluster C**

Relative:
Higher

Actual:
3 ft.

RCRA-CESQG:
Date form received by agency: 09/01/1993
Facility name: J S AUTOMOTIVE
Facility address: 762 QUEEN ST
HONOLULU, HI 96813
EPA ID: HID984470203
Mailing address: QUEEN ST
HONOLULU, HI 96813
Contact: LARRY MIYAMURA
Contact address: 762 QUEEN ST
HONOLULU, HI 96813
Contact country: US
Contact telephone: (808) 533-3551
Contact email: Not reported
EPA Region: 09
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting

J S AUTOMOTIVE (Continued) **1004688931**

from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	KATHERINE SHIROMA
Owner/operator address:	99 045 KOAHA WY AIEA, HI 96701
Owner/operator country:	Not reported
Owner/operator telephone:	(808) 487-6500
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110057823146

Environmental Interest/Information System
OSHA ESTABLISHMENT

Registry ID: 110005729051

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

STATE MASTER

A17 ESE < 1/8 0.047 mi. 246 ft. | **SHELLY MAZDA SERVICE AREA** | **HI LUST** | **U001237403**
CHAPIN ST | **HI UST** | **N/A**
HONOLULU, HI 96800

Site 14 of 16 in cluster A

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-102704
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	10/06/2003
Release ID:	930012
Project Officer:	Richard Takaba

UST:

Facility ID:	9-102704
Owner:	UNDETERMINED AT THIS TIME
Owner Address:	Address Unknown
Owner City,St,Zip:	Honolulu, 96800 96800
Latitude:	21.3001
Longitude:	-157.854
Horizontal Reference Datum Name:	Not reported

Tank ID:	R-2
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	Not reported
Substance:	Not Listed

Tank ID:	R-3
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	Not reported
Substance:	Not Listed

B18 SW < 1/8 0.049 mi. 258 ft. | **EDR US Hist Auto Stat** | **1015644294**
812 QUEEN ST | **N/A**
HONOLULU, HI 96813

Site 2 of 14 in cluster B

Relative: Higher

Actual: 3 ft.

EDR Historical Auto Stations:

Name:	BRONNERTS AUTOBODY & CUSTOMS
Year:	2001
Address:	812 QUEEN ST

Name:	BRONNERTS AUTOBODY & CUSTOMS
Year:	2002
Address:	812 QUEEN ST

Name:	K LEE AUTO FRAME SPECIALISTS
Year:	2004
Address:	812 QUEEN ST

Name:	K LEE AUTO FRAME SPECIALISTS
Year:	2005
Address:	812 QUEEN ST

(Continued) **1015644294**

Name: K LEE AUTO FRAME SPECIALISTS
Year: 2007
Address: 812 QUEEN ST

Name: K LEE AUTO FRAME SPECIALISTS
Year: 2009
Address: 812 QUEEN ST

C19
WNW
< 1/8
0.052 mi.
272 ft.

764 KAWAIAHAO ST
HONOLULU, HI 96813

Site 3 of 7 in cluster C

EDR US Hist Auto Stat **1015628572**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:
Name: EURO CAR SPECIALIST INC
Year: 2008
Address: 764 KAWAIAHAO ST

A20
ENE
< 1/8
0.053 mi.
278 ft.

BMW OF HONOLULU
777 KAPIOLANI BLVD
HONOLULU, HI

Site 15 of 16 in cluster A

HI SHWS **S106816569**
HI SPILLS **N/A**
HI ENG CONTROLS
HI INST CONTROL

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	BMW Dealership
HID Number:	Not reported
Facility Registry Identifier:	110013779982
Lead Agency:	HEER
Program:	State
Project Manager:	Amy Playdon
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	BMW Dealership
HID Number:	Not reported
Facility Registry Identifier:	110013779982
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Additional investigation & remediation may be necessary if future demolition or excavation is conducted on site (1/24/01 HEER letter 01-031-AP).

BMW OF HONOLULU (Continued) **S106816569**

Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	01/24/2001
Document Number:	2001-031-AP
Document Subject:	No Further Action Priority Notification Letter for the 767/777 Kapiolani Blvd Site, Honolulu HI
Project Manager:	Amy Playdon
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19990401-1450
HID Number:	Not reported
Facility Registry Id:	110013779982
Lead and Program:	HEER EP&R
ER:	Referred
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
Activity Lead:	Terry Corpus
Assignment End Date:	Not reported
Result:	Refer to ISST
File Under:	BMW of Honolulu

ENG CONTROLS:

Supplemental Location Text:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Potential Hazards And Controls:	Hazard Managed With Controls
Engineering Control:	Engineering Control Required

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

---

A21 **CHUEI SHOKO** **HI LUST** **U003402867**
ENE **777 KAPIOLANI BLVD** **HI UST** **N/A**
< 1/8 **HONOLULU, HI 96815**
0.053 mi.
278 ft. **Site 16 of 16 in cluster A**

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID:	9-103508
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	08/11/1999
Release ID:	990143
Project Officer:	Jose Ruiz

CHUEI SHOKO (Continued) **U003402867**

UST:

Facility ID:	9-103508
Owner:	SHELTON INVESTMENTS
Owner Address:	1075 S BERETANIA ST.
Owner City,St,Zip:	Honolulu, 96815 96815
Latitude:	21.3004
Longitude:	-157.854
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	5000
Substance:	Gasoline

Tank ID:	R-2
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	5000
Substance:	Gasoline

Tank ID:	R-3
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	5000
Substance:	Gasoline

Tank ID:	R-4
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	5000
Substance:	Gasoline

C22 **EDR US Hist Auto Stat** **1015628764**
WSW **765 QUEEN ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.055 mi.
291 ft. **Site 4 of 7 in cluster C**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	PACIFIC AUTOMOTIVE TOYS
Year:	2003
Address:	765 QUEEN ST

Name:	PACIFIC AUTOMOTIVE & PERFORMANCE CEN
Year:	2005
Address:	765 QUEEN ST

Name:	PACIFIC AUTOMOTIVE & PERFORMANCE CEN
Year:	2009

(Continued) **1015628764**

Address: 765 QUEEN ST

C23
WSW
< 1/8
0.061 mi.
321 ft.

753 QUEEN ST
HONOLULU, HI 96813

EDR US Hist Auto Stat **1015626057**
N/A

Site 5 of 7 in cluster C

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: AUTO FENDER CLINIC INC
Year: 2005
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2006
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2007
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2008
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2009
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2010
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2011
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2012
Address: 753 QUEEN ST

D24
North
< 1/8
0.062 mi.
327 ft.

HD&C, 725 KAPIOLANI BOULEVARD
725 KAPIOLANI BLVD
HONOLULU, HI

HI SHWS **S106817426**
HI SPILLS **N/A**
HI INST CONTROL

Site 1 of 3 in cluster D

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	The Imperial Plaza Cooke St & Kapiolani St
Island:	Oahu
Environmental Interest:	725 Kapiolani Boulevard
HID Number:	Not reported
Facility Registry Identifier:	110013791664
Lead Agency:	SHWB
Program:	State

HD&C, 725 KAPIOLANI BOULEVARD (Continued) **S106817426**

Project Manager:	Eric Sadoyama
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	The Imperial Plaza Cooke St & Kapiolani St
SDAR Environmental Interest Name:	725 Kapiolani Boulevard
HID Number:	Not reported
Facility Registry Identifier:	110013791664
Lead Agency:	SHWB
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Petroleum in soil
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	02/13/1996
Document Number:	Not reported
Document Subject:	Imperial Plaza, 725 Kapiolani Blvd, Oahu HI
Project Manager:	Eric Sadoyama
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	The Imperial Plaza Cooke St & Kapiolani St
Case Number:	19900417-2
HID Number:	Not reported
Facility Registry Id:	110013791664
Lead and Program:	HEER EP&R
ER:	Not reported
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
Activity Lead:	Curtis Martin
Assignment End Date:	Not reported
Result:	SOSC NFA
File Under:	Hawaiian Dredging & Construction Company

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	The Imperial Plaza Cooke St & Kapiolani St
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

D25
North
< 1/8
0.062 mi.
327 ft.

IMPERIAL PLAZA
725 KAPIOLANI BLVD
HONOLULU, HI 96813

HI LUST **U001235761**
HI UST **N/A**

Site 2 of 3 in cluster D

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID:	9-102177
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	02/13/1996
Release ID:	900074
Project Officer:	Roger Brewer

UST:

Facility ID:	9-102177
Owner:	BUSINESS INVESTMENT, LTD
Owner Address:	SUITE 2700, PACIFIC TOWER / 1001 BISHOP ST
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3014
Longitude:	-157.855
Horizontal Reference Datum Name:	NAD83
Tank ID:	r-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	Not reported
Substance:	Heating Oil

B26
South
< 1/8
0.063 mi.
332 ft.

869 KAWAIAHAO ST
HONOLULU, HI 96813

EDR US Hist Auto Stat **1015659617**
N/A

Site 3 of 14 in cluster B

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	GM AUTOMOTIVE
Year:	2004
Address:	869 KAWAIAHAO ST
Name:	GM AUTOMOTIVE
Year:	2005
Address:	869 KAWAIAHAO ST
Name:	GM AUTOMOTIVE
Year:	2006
Address:	869 KAWAIAHAO ST
Name:	GOOD MECHANIC AUTO RICHFIELD
Year:	2007
Address:	869 KAWAIAHAO ST
Name:	GOOD MECHANIC AUTO RICHFIELD
Year:	2008
Address:	869 KAWAIAHAO ST

B27 **EDR US Hist Auto Stat** **1015654818**
SSW **848 QUEEN ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.065 mi.
342 ft. **Site 4 of 14 in cluster B**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: NORTHER AUTO AIR CONDITIONING
Year: 2001
Address: 848 QUEEN ST

Name: NORTHER AUTO AIR CONDITIONING
Year: 2002
Address: 848 QUEEN ST

Name: NORTHER AUTO AIR CONDITIONING INC
Year: 2004
Address: 848 QUEEN ST

Name: NORTHER AUTO AIR CONDITIONING INC
Year: 2005
Address: 848 QUEEN ST

Name: NORTHER AUTO AIR CONDITIONING
Year: 2008
Address: 848 QUEEN ST

B28 **EDR US Hist Auto Stat** **1015660999**
SE **875 WAIMANU ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.067 mi.
352 ft. **Site 5 of 14 in cluster B**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: WILLS AUTOMOTIVE
Year: 2008
Address: 875 WAIMANU ST

B29 **ABL COMPUTER TECH INC** **RCRA NonGen / NLR** **1000108401**
SE **875 WAIMANU ST** **FINDS** **HID981972318**
< 1/8 **HONOLULU, HI 96813**
0.067 mi.
352 ft. **Site 6 of 14 in cluster B**

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:

Date form received by agency: 05/11/1987
Facility name: ABL COMPUTER TECH INC
Facility address: 875 WAIMANU ST
HONOLULU, HI 96813
EPA ID: HID981972318
Contact: ENVIRONMENTAL MANAGER
Contact address: 875 WAIMANU ST
HONOLULU, HI 93813
Contact country: US
Contact telephone: (808) 533-1679
Contact email: Not reported
EPA Region: 09
Land type: Other land type

ABL COMPUTER TECH INC (Continued) **1000108401**

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

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

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

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/31/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110007502121

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource

ABL COMPUTER TECH INC (Continued) **1000108401**

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.

B30
SSW
< 1/8
0.069 mi.
364 ft.

852 QUEEN ST
HONOLULU, HI 96813

EDR US Hist Auto Stat **1015656324**
N/A

Site 7 of 14 in cluster B

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	KAKAAKO AUTO GLASS INC
Year:	2007
Address:	852 QUEEN ST
Name:	KAKAAKO AUTO GLASS INC
Year:	2008
Address:	852 QUEEN ST
Name:	KAKAAKO AUTO CLASS INC
Year:	2011
Address:	852 QUEEN ST

C31
West
< 1/8
0.070 mi.
367 ft.

RAYMOND'S PAINTING CO INC
738 QUEEN ST
HONOLULU, HI 96813

RCRA NonGen / NLR **1000301513**
FINDS **HID981425317**

Site 6 of 7 in cluster C

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/10/1993
Facility name:	RAYMOND'S PAINTING CO INC
Facility address:	738 QUEEN ST HONOLULU, HI 96813
EPA ID:	HID981425317
Mailing address:	QUEEN ST HONOLULU, HI 96813
Contact:	ENVIRONMENTAL MANAGER
Contact address:	738 QUEEN ST HONOLULU, HI 96813
Contact country:	US
Contact telephone:	(808) 545-2440
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	RAYMOND K SHIMAMOTO
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212

RAYMOND'S PAINTING CO INC (Continued) **1000301513**

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

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

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

Violation Status: No violations found

FINDS:

Registry ID: 110005723583

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

E32 **HOUSING LOAN ADMINISTRATION CORP** **RCRA NonGen / NLR** **1012178136**
ESE **825 KAPIOLANI BLVD** **HIP000048637**
< 1/8 **HONOLULU, HI 96813**
0.071 mi.
377 ft. **Site 1 of 6 in cluster E**

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:
Date form received by agency: 08/18/2009
Facility name: HOUSING LOAN ADMINISTRATION CORP
Facility address: 825 KAPIOLANI BLVD
HONOLULU, HI 96813

HOUSING LOAN ADMINISTRATION CORP (Continued) **1012178136**

EPA ID:	HIP000048637
Mailing address:	HARMONY TOWER 1322 HONCHO NAKANO KU TOKYO, HI 1648712
Contact:	EISUKE NAKAMURA
Contact address:	HARMONY TOWER 1322 HONCHO NAKANO KU TOKYO, HI 1648712
Contact country:	US
Contact telephone:	(035) 354-1629
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	HOUSING LOAN ADMIN CORP
Owner/operator address:	HARMONY TOWER 1322 HONCHO NAKANO KU TOKYO, HI 16487
Owner/operator country:	Not reported
Owner/operator telephone:	(035) 354-1629
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency:	02/08/1999
Site name:	HOUSING LOAN ADMINISTRATION CORP
Classification:	Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

E33 ESE < 1/8 0.071 mi. 377 ft. | **FORMER "HOTEL - YOUNG LAUNDRY"** | **HI LUST** | **U003402860**
825 KAPIOLANI BLVD | **HI UST** | **N/A**
HONOLULU, HI 96814

Site 2 of 6 in cluster E

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-103487
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	07/02/2003
Release ID:	990100
Project Officer:	To VRP

UST:

Facility ID:	9-103487
Owner:	CHUEI SOKOH, INC
Owner Address:	McCORRISTON MIHO MILLER MUKAI500 ALA MOANA BLVD, 4TH FLOOR
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2994
Longitude:	-157.853
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	12/17/1998
Tank Capacity:	1000
Substance:	Heating Oil

Tank ID:	R-2
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	12/18/1998
Tank Capacity:	1000
Substance:	Heating Oil

Tank ID:	R-3
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	12/22/1998
Tank Capacity:	830
Substance:	Other

Tank ID:	R-5
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	12/22/1998
Tank Capacity:	1500
Substance:	Unknown

E34	**CHUEI SHOKOH, INC.**	**HI SHWS**	**1006820040**
ESE	**825 KAPIOLANI BLVD**	**HI SPILLS**	**N/A**
< 1/8	**HONOLULU, HI 96813**	**HI ENG CONTROLS**	
0.071 mi.		**HI INST CONTROL**	
377 ft.	**Site 3 of 6 in cluster E**	**HI VCP**	

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Chuei Shokoh, Inc. 825 Kapiolani Blvd.
HID Number:	Not reported
Facility Registry Identifier:	110013779269
Lead Agency:	HEER
Program:	Voluntary Response Program
Project Manager:	Mark Sutterfield
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Chuei Shokoh, Inc. 825 Kapiolani Blvd.
HID Number:	Not reported
Facility Registry Identifier:	110013779269
Lead Agency:	HEER
Progran Name:	Voluntary Response Program
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: TPH, BTEX, PAHs, and free product in soil and groundwater.
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Prohibit Excavation
Institutional Control:	Proprietary - Environmental Covenant
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	Letter of Completion - Restricted Use
Document Date:	04/20/2005
Document Number:	2005-192-MS
Document Subject:	Letter accepting monitoring well closure.
Project Manager:	Mark Sutterfield
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19981207-1525
HID Number:	Not reported
Facility Registry Id:	110013779269
Lead and Program:	HEER EP&R
ER:	No
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
Activity Lead:	Liz Galvez

CHUEI SHOKOH, INC. (Continued) **1006820040**

Assignment End Date: Not reported
Result: Refer to ISST
File Under: Chuei Shokoh, Inc.

ENG CONTROLS:
Supplemental Location Text: Not reported
Zip Suffix: Not reported
Island: Oahu
Potential Hazards And Controls: Hazard Managed With Controls
Engineering Control: Engineering Control Required

INST CONTROL:
Potential hazards and controls: Hazard Managed With Controls
Supplemental Location: Not reported
Zip Suffix: Not reported
Island: Oahu
Institutional Control: Proprietary - Environmental Covenant

VCP:
Program: Voluntary Response Program
Zip Suffix: Not reported
Supplemental Location: Not reported
Island: Oahu

B35 **EDR US Hist Auto Stat** **1015657367**
SSW **858 QUEEN ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.072 mi.
381 ft. **Site 8 of 14 in cluster B**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:
Name: WAYNES AUTO ELECTRIC INCORPORATED
Year: 1999
Address: 858 QUEEN ST

Name: WAYNES AUTO ELECTRIC INC
Year: 2001
Address: 858 QUEEN ST

Name: WAYNES AUTO ELECTRIC INC
Year: 2002
Address: 858 QUEEN ST

Name: WAYNES AUTO ELECTRIC INC
Year: 2003
Address: 858 QUEEN ST

Name: WAYNES AUTO ELECTRIC
Year: 2004
Address: 858 QUEEN ST

Name: WAYNES AUTO ELECTRIC
Year: 2005
Address: 858 QUEEN ST

Name: WAYNES AUTO ELECTRIC

(Continued) **1015657367**

Year: 2007
Address: 858 QUEEN ST

Name: WAYNES AUTO ELECTRIC
Year: 2008
Address: 858 QUEEN ST

B36 SSW < 1/8 0.072 mi. 381 ft. | **WAYNE'S AUTO ELECTRIC, INC** | **RCRA NonGen / NLR** | **1000311882**
858 QUEEN STREET | **FINDS** | **HID981652340**
HONOLULU, HI 96813

Site 9 of 14 in cluster B

Relative: Higher

Actual: 3 ft.

RCRA NonGen / NLR:

Date form received by agency:	09/09/1986
Facility name:	WAYNE'S AUTO ELECTRIC, INC
Facility address:	858 QUEEN STREET HONOLULU, HI 96813
EPA ID:	HID981652340
Mailing address:	858 QUEN STREET HONOLULU, HI 96813
Contact:	ENVIRONMENTAL MANAGER
Contact address:	858 QUEEN STREET HONOLULU, HI 96813
Contact country:	US
Contact telephone:	(808) 523-1133
Contact email:	Not reported
EPA Region:	09
Land type:	Other land type
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

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

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

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No

WAYNE'S AUTO ELECTRIC, INC (Continued) **1000311882**

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/31/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005724582

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

B37 **EDR US Hist Auto Stat** **1015657499**
SSW **859 QUEEN ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.073 mi.
388 ft. **Site 10 of 14 in cluster B**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:
Name: CITY FENDER & BODY SVC LTD
Year: 2010
Address: 859 QUEEN ST

B38 **EDR US Hist Auto Stat** **1015662467**
SSE **882 KAWAIAHAO ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.074 mi.
389 ft. **Site 11 of 14 in cluster B**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:
Name: RELIABLE AUTO REPAIR
Year: 1999
Address: 882 KAWAIAHAO ST

(Continued) **1015662467**

Name: RELIABLE AUTO REPAIR
Year: 2001
Address: 882 KAWAIAHAO ST

Name: RELIABLE AUTO REPAIR
Year: 2002
Address: 882 KAWAIAHAO ST

Name: RELIABLE AUTO REPAIR LLC
Year: 2003
Address: 882 KAWAIAHAO ST

Name: RELIABLE AUTO REPAIR LLC
Year: 2004
Address: 882 KAWAIAHAO ST

Name: RELIABLE AUTO REPAIR
Year: 2005
Address: 882 KAWAIAHAO ST

Name: RELIABLE AUTO REPAIR LLC
Year: 2006
Address: 882 KAWAIAHAO ST

Name: RELIABLE AUTO REPAIR LLC
Year: 2007
Address: 882 KAWAIAHAO ST

Name: RELIABLE AUTO REPAIR LLC
Year: 2008
Address: 882 KAWAIAHAO ST

Name: WILLS AUTOMOTIVE
Year: 2009
Address: 882 KAWAIAHAO ST

Name: WILLS AUTOMOTIVE
Year: 2010
Address: 882 KAWAIAHAO ST

Name: WILLS AUTOMOTIVE
Year: 2011
Address: 882 KAWAIAHAO ST

Name: WILLS AUTOMOTIVE
Year: 2012
Address: 882 KAWAIAHAO ST

E39
ESE
< 1/8
0.078 mi.
411 ft.

EDR US Hist Auto Stat **1015646352**
N/A

818 KAPIOLANI BLVD
HONOLULU, HI 96813

Site 4 of 6 in cluster E

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	JONES REED HAWAII AUTOMOTIVE
Year:	2007
Address:	818 KAPIOLANI BLVD

B40
SSW
< 1/8
0.083 mi.
437 ft.

EDR US Hist Auto Stat **1015660245**
N/A

871 QUEEN ST
HONOLULU, HI 96813

Site 12 of 14 in cluster B

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	JOES V W REPAIR
Year:	1999
Address:	871 QUEEN ST
Name:	JOES V W REPAIR
Year:	2002
Address:	871 QUEEN ST
Name:	JOES V W REPAIR
Year:	2003
Address:	871 QUEEN ST
Name:	JOES V W REPAIR
Year:	2004
Address:	871 QUEEN ST
Name:	JOES V W REPAIR
Year:	2005
Address:	871 QUEEN ST
Name:	JOES VW REPAIR
Year:	2007
Address:	871 QUEEN ST
Name:	JOES V W REPAIR
Year:	2008
Address:	871 QUEEN ST

E41
ESE
< 1/8
0.088 mi.
465 ft.

HECO SOIL CONTAMINATION CHAPIN LANE AND KAPIOLANI BOULEVARD
CHAPIN LN & KAPIOLANI BLVD
HONOLULU, HI

HI SHWS **S106817445**
HI ENG CONTROLS **N/A**
HI INST CONTROL

Site 5 of 6 in cluster E

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Kapiolani Blvd. and Chapin Ln. Soil Contamination
HID Number:	Not reported

HECO SOIL CONTAMINATION CHAPIN LANE AND KAPIOLANI BOULEVARD (Continued) **S106817445**

Facility Registry Identifier:	110013791067
Lead Agency:	HEER
Program:	State
Project Manager:	Richard Palmer
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Kapiolani Blvd. and Chapin Ln. Soil Contamination
HID Number:	Not reported
Facility Registry Identifier:	110013791067
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Residual contamination TPH-diesel 1,960 mg/kg and TPH-gasoline 3,580 mg/kg
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Prohibit Any Activity That May Disturb the Integrity of the Capping System
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	03/30/2010
Document Number:	2010-213-RP
Document Subject:	Soil Contamination Chapin Lane and Kapiolani Blvd, NFA Letter
Project Manager:	Richard Palmer
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

ENG CONTROLS:

Supplemental Location Text:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Potential Hazards And Controls:	Hazard Managed With Controls
Engineering Control:	Engineering Control Required

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

B42 **KIYOS TRANSMISSION SVC LLC** **RCRA-CESQG** **1011861902**
South **878 QUEEN ST** **HIR000138768**
< 1/8 **HONOLULU, HI 96813**
0.088 mi.
465 ft. **Site 13 of 14 in cluster B**

Relative:
Higher

Actual:
3 ft.

RCRA-CESQG:

Date form received by agency:	09/03/2008
Facility name:	KIYOS TRANSMISSION SVC LLC
Facility address:	878 QUEEN ST HONOLULU, HI 96813
EPA ID:	HIR000138768
Mailing address:	919 ALA MOANA BLVD STE 212 HONOLULU, HI 96814
Contact:	GRACELDA SIMMONS
Contact address:	919 ALA MOANA BLVD STE 212 HONOLULU, HI 96814
Contact country:	US
Contact telephone:	808-586-4226
Contact email:	GRACELDA.SIMMONS@DOH.HAWAII.GOV
EPA Region:	09
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	WAYNE TAKANE
Owner/operator address:	878 QUEEN ST HONOLULU, HI 96813
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	05/12/1972
Owner/Op end date:	Not reported

Owner/operator name:	WAYNE TAKANE
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	05/12/1972
Owner/Op end date:	Not reported

KIYOS TRANSMISSION SVC LLC (Continued) **1011861902**

Handler Activities Summary:

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

Hazardous Waste Summary:

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

Waste code: D008
Waste name: LEAD

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 09/28/2007
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 02/27/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 09/28/2007
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 09/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

KIYOS TRANSMISSION SVC LLC (Continued) **1011861902**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Federal or State Statute
Date violation determined: 09/28/2007
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 09/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 09/28/2007
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 07/16/2008
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 07/16/2008
Enforcement lead agency: State
Proposed penalty amount: 12000
Final penalty amount: 10000
Paid penalty amount: 10000

Regulation violated: Not reported
Area of violation: Federal or State Statute
Date violation determined: 09/28/2007
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 02/27/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Federal or State Statute
Date violation determined: 09/28/2007
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: FINAL 3008(A) COMPLIANCE ORDER
Enforcement action date: 07/16/2008
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 07/16/2008
Enforcement lead agency: State
Proposed penalty amount: 12000
Final penalty amount: 10000

KIYOS TRANSMISSION SVC LLC (Continued) **1011861902**

Paid penalty amount: 10000

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 08/27/2003
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/27/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/27/2003
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/27/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 08/27/2003
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/27/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 08/27/2003
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 09/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

KIYOS TRANSMISSION SVC LLC (Continued) **1011861902**

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 08/27/2003
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/27/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 08/27/2003
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 09/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 08/27/2003
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 09/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/27/2003
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 09/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

KIYOS TRANSMISSION SVC LLC (Continued) **1011861902**

Area of violation: Used Oil - Generators
Date violation determined: 07/10/2003
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
Enforcement action date: 09/28/2007
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 07/10/2003
Date achieved compliance: 07/17/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/27/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 09/05/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 07/17/2008
Evaluation lead agency: State

Evaluation date: 09/05/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Federal or State Statute
Date achieved compliance: 07/17/2008
Evaluation lead agency: State

Evaluation date: 07/10/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/17/2008
Evaluation lead agency: State

Evaluation date: 07/10/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 07/17/2008
Evaluation lead agency: State

Evaluation date: 07/10/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 07/17/2008
Evaluation lead agency: State

KIYOS TRANSMISSION SVC LLC (Continued) **1011861902**

Evaluation date: 07/10/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 07/17/2008
Evaluation lead agency: State

B43 **EDR US Hist Auto Stat** **1015661417**
South **878 QUEEN ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.088 mi.
465 ft. **Site 14 of 14 in cluster B**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: KIYOS TRANSMISSION SERVICE
Year: 1999
Address: 878 QUEEN ST

Name: KIYOS TRANSMISSION SERVICE
Year: 2002
Address: 878 QUEEN ST

Name: KIYOS TRANSMISSION SERVICE
Year: 2003
Address: 878 QUEEN ST

Name: KIYOS TRANSMISSION SERVICE
Year: 2007
Address: 878 QUEEN ST

Name: KIYOS TRANSMISSION SERVICE
Year: 2008
Address: 878 QUEEN ST

Name: KIYOS TRANSMISSION SERVICE
Year: 2009
Address: 878 QUEEN ST

Name: KIYOS TRANSMISSION SVC
Year: 2010
Address: 878 QUEEN ST

Name: KIYOS TRANSMISSION SERVICE
Year: 2012
Address: 878 QUEEN ST

E44 **SHELLY MOTORS INC.** **HI LUST** **U001235600**
ESE **830 KAPIOLANI BLVD** **HI UST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.091 mi.
478 ft. **Site 6 of 6 in cluster E**

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID: 9-101826
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 10/06/2003
Release ID: 930013
Project Officer: Richard Takaba

SHELLY MOTORS INC. (Continued) **U001235600**

UST:

Facility ID:	9-101826
Owner:	SHELLY MOTORS INC.
Owner Address:	2969 MAPUNAPUNA PL
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.2997
Longitude:	-157.853
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-6
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	05/30/1992
Tank Capacity:	Not reported
Substance:	Not Listed

Tank ID:	R-8
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	05/30/1992
Tank Capacity:	Not reported
Substance:	Not Listed

F45 **STANDARD PLUMBING, INC.** **HI UST** **U001235464**
SE **894 WAIMANU ST** **N/A**
< 1/8 **HONOLULU, HI 96814**
0.094 mi.
498 ft. **Site 1 of 8 in cluster F**

Relative:
Higher

Actual:
3 ft.

UST:

Facility ID:	9-101382
Owner:	STANDARD PLUMBING, INC.
Owner Address:	902 KAWAIAHAO ST
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	Not reported
Longitude:	Not reported
Horizontal Reference Datum Name:	Not reported

Tank ID:	R-01
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	500
Substance:	Gasoline

G46 South < 1/8 0.094 mi. 498 ft. | **H. HAMADA STORE INC.** | **HI LUST** | **U001235554**
885 QUEEN ST | **HI UST** | **N/A**
HONOLULU, HI 96813

Site 1 of 9 in cluster G

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-101673
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	01/04/2001
Release ID:	970045
Project Officer:	Shaobin Li

UST:

Facility ID:	9-101673
Owner:	H. HAMADA STORE INC.
Owner Address:	885 QUEEN ST
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.2983
Longitude:	-157.855
Horizontal Reference Datum NAD:	NAD83
Tank ID:	R-001
Date Installed:	08/05/1982
Tank Status:	**Permanently Out of Use**
Date Closed:	09/21/1989
Tank Capacity:	1000
Substance:	Gasoline

D47 North < 1/8 0.095 mi. 499 ft. | **PACIFIC PARK PLAZA** | **HI UST** | **U004220494**
711 KAPIOLANI BLVD, SUITE 230 | **HI Financial Assurance** | **N/A**
HONOLULU, HI 96813

Site 3 of 3 in cluster D

Relative: Higher

Actual: 3 ft.

UST:

Facility ID:	9-103505
Owner:	Pacific Park Plaza Owner, LLC
Owner Address:	c/o Highbrook Investment 680 Fifth Ave, 19th Floor
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3014
Longitude:	-157.856
Horizontal Reference Datum NAD:	NAD83
Tank ID:	M-1
Date Installed:	08/01/1988
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	1000
Substance:	Diesel

HI Financial Assurance:

Alt Facility ID:	9-103505
Tank Id:	M-1
Tank Status:	Currently In Use
FRTYPE:	Other
Expiration Date:	Not reported
Alt Facility ID:	9-103505

PACIFIC PARK PLAZA (Continued) **U004220494**

Tank Id: M-1
Tank Status: Currently In Use
FRTYPE: Insurance
Expiration Date: 05/30/2014

C48 **EDR US Hist Auto Stat** **1015613525**
West **716 QUEEN ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.095 mi.
500 ft. **Site 7 of 7 in cluster C**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:
Name: WONGS AUTO SHOP LIMITED
Year: 1999
Address: 716 QUEEN ST

H49 **EDR US Hist Auto Stat** **1015628962**
SW **766 ILANIWAI ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.095 mi.
503 ft. **Site 1 of 12 in cluster H**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:
Name: EXCEL AUTOMOTIVE INC
Year: 2001
Address: 766 ILANIWAI ST

Name: EXCEL AUTOMOTIVE INC
Year: 2002
Address: 766 ILANIWAI ST

Name: AUTOPRO
Year: 2003
Address: 766 ILANIWAI ST

Name: AUTOPRO
Year: 2004
Address: 766 ILANIWAI ST

Name: AUTOPRO
Year: 2006
Address: 766 ILANIWAI ST

Name: AUTOPRO INC
Year: 2007
Address: 766 ILANIWAI ST

Name: AUTOPRO INC
Year: 2008
Address: 766 ILANIWAI ST

Name: AUTOPRO
Year: 2009
Address: 766 ILANIWAI ST

Name: EXCEL AUTOMOTIVE

(Continued) **1015628962**

Year: 2010
Address: 766 ILANIWAI ST

Name: AUTOPRO
Year: 2011
Address: 766 ILANIWAI ST

Name: EXCEL AUTOMOTIVE INC
Year: 2012
Address: 766 ILANIWAI ST

H50 **RUBBER STAMP PLANTATION** **HI SHWS** **S111704854**
WSW **746 ILANIWAI ST** **N/A**
< 1/8 **HONOLULU, HI**
0.097 mi.
510 ft. **Site 2 of 12 in cluster H**

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Rubber Stamp Plantation
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	Preliminary Assessment/Site Inspection
Project Manager:	Paul Chong
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Rubber Stamp Plantation
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	Preliminary Assessment/Site Inspection
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Response Not Necessary
Response:	Response Complete
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Not reported
Use Restrictions:	No Hazard Present For Unrestricted Residential Use
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Unrestricted Residential Use
Document Date:	07/08/2011
Document Number:	2011-378-PC
Document Subject:	Closure and Removal of Underground Fuel Tank at 746 Ilaniwai St
Project Manager:	Paul Chong
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

F51
SSE
< 1/8
0.098 mi.
515 ft.

540 KAMANI ST
HONOLULU, HI 96813

Site 2 of 8 in cluster F

EDR US Hist Auto Stat **1015545914**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: ROYAL EUROPEAN MOTORWORKS
Year: 2001
Address: 540 KAMANI ST

Name: IMPORT CAR REPAIR
Year: 2002
Address: 540 KAMANI ST

Name: DANS AUTOMOTIVE
Year: 2004
Address: 540 KAMANI ST

Name: DANS AUTOMOTIVE
Year: 2005
Address: 540 KAMANI ST

Name: AUTO LOOK HAWAII
Year: 2008
Address: 540 KAMANI ST

Name: AUTO LOOK HAWAII
Year: 2009
Address: 540 KAMANI ST

Name: AUTO LOOK HAWAII
Year: 2010
Address: 540 KAMANI ST

Name: AUTO LOOK HAWAII
Year: 2011
Address: 540 KAMANI ST

Name: AUTO LOOK HAWAII
Year: 2012
Address: 540 KAMANI ST

H52
SW
< 1/8
0.098 mi.
518 ft.

812 ILANIWAI ST
HONOLULU, HI 96813

Site 3 of 12 in cluster H

EDR US Hist Auto Stat **1015644254**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: EUROPEAN CAR SERVICE INCORPORATED
Year: 1999
Address: 812 ILANIWAI ST

Name: EUROPEAN CAR SERVICE INC
Year: 2001
Address: 812 ILANIWAI ST

Name: VOLKSGERMAN CAR SERVICE
Year: 2002

(Continued) **1015644254**

Address: 812 ILANIWAI ST

H53 **EDR US Hist Auto Stat** **1015644949**
SW **814 ILANIWAI ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.098 mi.
520 ft. **Site 4 of 12 in cluster H**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: CHIKARA AUTOMOTIVE REPAIR LLC
Year: 2007
Address: 814 ILANIWAI ST

Name: CHIKARA AUTOMOTIVE REPAIR LLC
Year: 2008
Address: 814 ILANIWAI ST

Name: CHIKARA AUTOMOTIVE REPAIR LLC
Year: 2009
Address: 814 ILANIWAI ST

Name: CHIKARA AUTOMOTIVE REPAIR LLC
Year: 2010
Address: 814 ILANIWAI ST

Name: CHIKARA AUTOMOTIVE REPAIR LLC
Year: 2011
Address: 814 ILANIWAI ST

Name: CHIKARA AUTOMOTIVE REPAIR LLC
Year: 2012
Address: 814 ILANIWAI ST

H54 **EDR US Hist Auto Stat** **1015623907**
WSW **747 ILANIWAI ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.098 mi.
520 ft. **Site 5 of 12 in cluster H**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: SCHUMAN AUTOMOTIVE INC
Year: 2001
Address: 747 ILANIWAI ST

Name: SCHUMAN AUTOMOTIVE INC
Year: 2002
Address: 747 ILANIWAI ST

F55 SE < 1/8 0.099 mi. 521 ft. | **CHARLES AND JANET FUJII** | **HI UST** | **U001235120**
901-905 WAIMANU ST | **N/A**
HONOLULU, HI 96814

Site 3 of 8 in cluster F

Relative: Higher

Actual: 3 ft.

UST:

Facility ID:	9-100254
Owner:	CHARLES AND JANET FUJII
Owner Address:	918 A-4 KAWAIAHAO ST
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	Not reported
Longitude:	Not reported
Horizontal Reference Datum Name:	Not reported
Tank ID:	R-1
Date Installed:	01/01/1965
Tank Status:	**Permanently Out of Use**
Date Closed:	02/01/1988
Tank Capacity:	550
Substance:	Gasoline

H56 WSW < 1/8 0.099 mi. 522 ft. | **EDR US Hist Auto Stat** | **1015620273**
734 ILANIWAI ST | **N/A**
HONOLULU, HI 96813

Site 6 of 12 in cluster H

Relative: Higher

Actual: 3 ft.

EDR Historical Auto Stations:

Name:	STEVES AUTO AIR & BODY WORKS
Year:	1999
Address:	734 ILANIWAI ST
Name:	STEVES AUTO AIR & BODY WORKS
Year:	2005
Address:	734 ILANIWAI ST
Name:	STEVES AUTO AIR & BODY WORKS
Year:	2010
Address:	734 ILANIWAI ST
Name:	STEVES AUTO AIR & BODY WORKS LLC
Year:	2011
Address:	734 ILANIWAI ST
Name:	STEVES AUTO AIR & BODY WORKS LLC
Year:	2012
Address:	734 ILANIWAI ST

H57
SSW
< 1/8
0.102 mi.
538 ft.

828 ILANIWAI ST
HONOLULU, HI 96813

Site 7 of 12 in cluster H

EDR US Hist Auto Stat **1015649764**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: L & L TRNSMSN & MOTOR REPAI
Year: 2005
Address: 828 ILANIWAI ST

Name: L & L TRANSMISSION & MOTOR REPAIR
Year: 2007
Address: 828 ILANIWAI ST

Name: L & L TRANSMISSION & MOTOR REPAIR
Year: 2008
Address: 828 ILANIWAI ST

H58
SW
< 1/8
0.103 mi.
542 ft.

825 ILANIWAI ST
HONOLULU, HI 96813

Site 8 of 12 in cluster H

EDR US Hist Auto Stat **1015648955**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: AUTO AIR & ACCESSORIES
Year: 2001
Address: 825 ILANIWAI ST

Name: AUTO LOOK HAWAII
Year: 2002
Address: 825 ILANIWAI ST

Name: AUTO AIR & ACCESSORIES
Year: 2003
Address: 825 ILANIWAI ST

Name: AUTO AIR & ACCESSORIES
Year: 2004
Address: 825 ILANIWAI ST

Name: AUTO LOOK HAWAII
Year: 2005
Address: 825 ILANIWAI ST

Name: AUTO AIR & ACCESSORIES
Year: 2007
Address: 825 ILANIWAI ST

Name: AUTO AIR & ACCESSORIES
Year: 2008
Address: 825 ILANIWAI ST

Name: AUTO AIR & ACCESSORIES
Year: 2011
Address: 825 ILANIWAI ST

Name: AUTO AIR & ACCESSORIES
Year: 2012

(Continued) **1015648955**

Address: 825 ILANIWAI ST

F59 SSE < 1/8 0.103 mi. 545 ft. | **K&Y AUTO SERVICE AND WAYNE'S AUTO ELECTRIC** | **HI SHWS** | **S111677440**
902 KAWAIAHAO ST & 539 KAMANI ST | **HI SPILLS** | **N/A**
HONOLULU, HI

Site 4 of 8 in cluster F

Relative: Higher

Actual: 3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	TMK 1-2-1-049 parcels 058 and 059
Island:	Oahu
Environmental Interest:	K&Y Auto Service and Wayne's Auto Electric
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Cal Miyahara
Hazard Priority:	Low
Potential Hazards And Controls:	Hazard Present
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	TMK 1-2-1-049 parcels 058 and 059
SDAR Environmental Interest Name:	K&Y Auto Service and Wayne's Auto Electric
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Present
Priority:	Low
Assessment:	Assessment Ongoing
Response:	Not reported
Nature of Contamination:	Found: Barium found in soil samples above Tier 1 EAL. Benzo(a)pyrene found in gw above Tier 1 EAL.
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	Not reported
Document Date:	Not reported
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Cal Miyahara
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	TMK 1-2-1-049 parcels 058 and 059
Case Number:	20100518-1415
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R
ER:	None
Units:	902 Kawaiahao and 539 Kamani Streets
Substances:	Oil

K&Y AUTO SERVICE AND WAYNE'S AUTO ELECTRIC (Continued) **S111677440**

Less Or Greater Than:	Not reported
Numerical Quantity:	0
Units:	Not reported
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	2010-06-21 00:00:00
Result:	Refer to SDAR
File Under:	Asanoma Trust

F60 **EDR US Hist Auto Stat** **1015668392**
SSE **902 KAWAIAHAO ST** **N/A**
< 1/8 **HONOLULU, HI 96814**
0.103 mi.
545 ft. **Site 5 of 8 in cluster F**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	K & Y AUTO SERVICE
Year:	2003
Address:	902 KAWAIAHAO ST
Name:	K & Y AUTO SERVICE
Year:	2004
Address:	902 KAWAIAHAO ST
Name:	K & Y AUTO SERVICE
Year:	2005
Address:	902 KAWAIAHAO ST
Name:	WAYNES AUTO ELECTRIC
Year:	2009
Address:	902 KAWAIAHAO ST
Name:	K & Y AUTO SVC
Year:	2010
Address:	902 KAWAIAHAO ST
Name:	K & Y AUTO SERVICE
Year:	2011
Address:	902 KAWAIAHAO ST
Name:	K & Y AUTO SERVICE
Year:	2012
Address:	902 KAWAIAHAO ST

G61 **EDR US Hist Auto Stat** **1015652090**
SSW **836 ILANIWAI ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.105 mi.
552 ft. **Site 2 of 9 in cluster G**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	C & S SVC INC
Year:	2010
Address:	836 ILANIWAI ST

F62
SE
< 1/8
0.105 mi.
553 ft.

ZIROLI CO
905 WAIMANU ST
HONOLULU, HI 96814

HI UST **U001235916**
N/A

Site 6 of 8 in cluster F

Relative:
Higher

Actual:
3 ft.

UST:

Facility ID:	9-102449
Owner:	ZIROLI
Owner Address:	905 WAIMANU ST
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	Not reported
Longitude:	Not reported
Horizontal Reference Datum Name:	Not reported
Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	09/19/1991
Tank Capacity:	550
Substance:	Gasoline

F63
SE
< 1/8
0.105 mi.
553 ft.

904 WAIMANU ST
HONOLULU, HI 96814

EDR US Hist Auto Stat **1015669291**
N/A

Site 7 of 8 in cluster F

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	BUSTERS REPAIR SERVICES INCORPORATED
Year:	1999
Address:	904 WAIMANU ST
Name:	BUSTERS REPAIR SERVICES INC
Year:	2001
Address:	904 WAIMANU ST
Name:	BUSTERS REPAIR SERVICES INC
Year:	2002
Address:	904 WAIMANU ST
Name:	BUSTERS REPAIR SERVICES INC
Year:	2003
Address:	904 WAIMANU ST
Name:	BUSTERS REPAIR SERVICES INC
Year:	2004
Address:	904 WAIMANU ST
Name:	BUSTERS REPAIR SERVICES INC
Year:	2007
Address:	904 WAIMANU ST
Name:	BUSTERS REPAIR SERVICES INC
Year:	2008
Address:	904 WAIMANU ST
Name:	BUSTERS REPAIR SERVICE INC
Year:	2009
Address:	904 WAIMANU ST

(Continued) **1015669291**

Name: BUSTERS REPAIR SVC INC
Year: 2010
Address: 904 WAIMANU ST

Name: BUSTERS REPAIR SERVICES INC
Year: 2011
Address: 904 WAIMANU ST

Name: BUSTERS REPAIR SERVICES INC
Year: 2012
Address: 904 WAIMANU ST

G64
South
< 1/8
0.109 mi.
573 ft.

505 KAMANI ST
HONOLULU, HI 96813

Site 3 of 9 in cluster G

EDR US Hist Auto Stat **1015527411**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:
Name: ALS VINYL REPAIR INCORPORATED
Year: 1999
Address: 505 KAMANI ST

Name: ALS VINYL REPAIR INC
Year: 2001
Address: 505 KAMANI ST

Name: ALS VINYL REPAIR INC
Year: 2002
Address: 505 KAMANI ST

Name: ALS VINYL REPAIR INC
Year: 2005
Address: 505 KAMANI ST

H65
West
< 1/8
0.109 mi.
576 ft.

W H FIDDLER CO LTD
611 COOKE ST
HONOLULU, HI 96813

Site 9 of 12 in cluster H

RCRA NonGen / NLR
FINDS
1000823309
HID984469734

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:
Date form received by agency: 07/16/1993
Facility name: W H FIDDLER CO LTD
Facility address: 611 COOKE ST
HONOLULU, HI 96813
EPA ID: HID984469734
Mailing address: AUAHI
HONOLULU, HI 96814
Contact: WILLIAM FIDDLER
Contact address: 1020 AUAHI
HONOLULU, HI 96814
Contact country: US
Contact telephone: (808) 522-0233
Contact email: Not reported
EPA Region: 09

W H FIDDLER CO LTD (Continued) **1000823309**

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: CORPORATION LTD
Owner/operator address: 1020 AUAHI ST
HONOLULU, HI 96814
Owner/operator country: Not reported
Owner/operator telephone: (808) 522-0233
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

FINDS:

Registry ID: 110005728766

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

H66 **EDR US Hist Auto Stat** **1015575221**
West **611 COOKE ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.109 mi.
576 ft. **Site 10 of 12 in cluster H**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:
Name: WILLS AUTOMOTIVE
Year: 2001
Address: 611 COOKE ST

(Continued) **1015575221**

Name: WILLS AUTOMOTIVE
Year: 2002
Address: 611 COOKE ST

Name: WILLS AUTOMOTIVE
Year: 2003
Address: 611 COOKE ST

Name: WILLS AUTOMOTIVE
Year: 2004
Address: 611 COOKE ST

G67 **CLARA TAKEKUCHI** **HI UST** **U001235945**
SSW **848 ILANIWAI ST** **N/A**
< 1/8 **HONOLULU, HI 96813**
0.109 mi.
576 ft. **Site 4 of 9 in cluster G**

Relative:
Higher

Actual:
3 ft.

UST:
Facility ID: 9-102532
Owner: CLARA TAKEKUCHI
Owner Address: 398 LUNALILO HOME RD
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: Not reported
Longitude: Not reported
Horizontal Reference Datum Name: Not reported

Tank ID: R-1
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: Not reported
Tank Capacity: 550
Substance: Gasoline

F68 **EDR US Hist Auto Stat** **1015670308**
SSE **907 KAWAIAHAO ST** **N/A**
< 1/8 **HONOLULU, HI 96814**
0.109 mi.
577 ft. **Site 8 of 8 in cluster F**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:
Name: TRINITY MOTORS
Year: 2005
Address: 907 KAWAIAHAO ST

Name: TRINITY MOTORS LLC
Year: 2007
Address: 907 KAWAIAHAO ST

Name: TRINITY MOTORS LLC
Year: 2008
Address: 907 KAWAIAHAO ST

I69
NW
< 1/8
0.112 mi.
591 ft.

EDR US Hist Auto Stat **1015607378**
N/A

703 KAWAIAHAO ST
HONOLULU, HI 96813

Site 1 of 4 in cluster I

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	ADVANCED COLLISION CENTER
Year:	2011
Address:	703 KAWAIAHAO ST
Name:	ADVANCED COLLISION CENTER
Year:	2012
Address:	703 KAWAIAHAO ST

G70
SSW
< 1/8
0.115 mi.
609 ft.

EDR US Hist Auto Stat **1015658507**
N/A

862 ILANIWAI ST
HONOLULU, HI 96813

Site 5 of 9 in cluster G

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	ALS AUTO GLASS & RADIATOR REPR
Year:	2008
Address:	862 ILANIWAI ST
Name:	HAWAII AUTOMOTIVE REPAIR CLNC
Year:	2010
Address:	862 ILANIWAI ST
Name:	HAWAII AUTOMOTIVE REPAIR CLINIC
Year:	2011
Address:	862 ILANIWAI ST
Name:	HAWAII AUTOMOTIVE REPAIR CLINIC
Year:	2012
Address:	862 ILANIWAI ST

J71
SSW
< 1/8
0.125 mi.
658 ft.

A COMPLETE SILK SCREEN SHOP **HI UST** **U001235541**
860 HALEKAUWILA ST **N/A**
HONOLULU, HI 96813

Site 1 of 2 in cluster J

Relative:
Higher

Actual:
3 ft.

UST:

Facility ID:	9-101543
Owner:	ATHERTON FAMILY FOUNDATION
Owner Address:	111 S KING ST
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	Not reported
Longitude:	Not reported
Horizontal Reference Datum Name:	Not reported
Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	03/28/1987
Tank Capacity:	Not reported

A COMPLETE SILK SCREEN SHOP (Continued) **U001235541**

Substance: Not Listed

G72
South
< 1/8
0.125 mi.
659 ft.

440 KAMANI ST
HONOLULU, HI 96813

Site 6 of 9 in cluster G

EDR US Hist Auto Stat **1015496908**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	HANAHO AUTO REPAIR LLC
Year:	2011
Address:	440 KAMANI ST
Name:	HANAHO AUTO REPAIR LLC
Year:	2012
Address:	440 KAMANI ST

G73
South
< 1/8
0.125 mi.
659 ft.

ISLAND FENDER
440 KAMANI ST
HONOLULU, HI 96813

Site 7 of 9 in cluster G

RCRA-CESQG **1000906740**
FINDS **HI0000452896**

Relative:
Higher

Actual:
3 ft.

RCRA-CESQG:

Date form received by agency:	05/27/1994
Facility name:	ISLAND FENDER
Facility address:	440 KAMANI ST HONOLULU, HI 96813
EPA ID:	HI0000452896
Contact:	VAN TAKEMOTO
Contact address:	440 KAMANI ST HONOLULU, HI 96813
Contact country:	US
Contact telephone:	(808) 592-8757
Contact email:	Not reported
EPA Region:	09
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	VAN TAKEMOTO
Owner/operator address:	440 KAMANI ST

ISLAND FENDER (Continued) **1000906740**

HONOLULU, HI 96813
Owner/operator country: Not reported
Owner/operator telephone: (808) 592-8757
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 12/04/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005722147

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

STATE MASTER

I74
WNW
1/8-1/4
0.125 mi.
662 ft.

690 QUEEN ST
HONOLULU, HI 96813

Site 2 of 4 in cluster I

EDR US Hist Auto Stat **1015601182**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	HAWAIIAN AUTO PROS LLC
Year:	2005
Address:	690 QUEEN ST
Name:	HAWAIIAN AUTO PROS LLC
Year:	2008
Address:	690 QUEEN ST

K75
WSW
1/8-1/4
0.134 mi.
709 ft.

614 COOKE ST
HONOLULU, HI 96813

Site 1 of 3 in cluster K

EDR US Hist Auto Stat **1015576795**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	EXEC AUTO CTR
Year:	2003
Address:	614 COOKE ST

G76
SSW
1/8-1/4
0.134 mi.
709 ft.

912 ILANIWAI ST
HONOLULU, HI 96813

Site 8 of 9 in cluster G

EDR US Hist Auto Stat **1015672570**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	SUSPENSION & BRAKE SERVICE
Year:	2001
Address:	912 ILANIWAI ST
Name:	SUSPENSION & BRAKE SERVICE
Year:	2002
Address:	912 ILANIWAI ST
Name:	SUSPENSION & BRAKE SERVICE
Year:	2004
Address:	912 ILANIWAI ST
Name:	SUSPENSION & BRAKE SERVICE
Year:	2005
Address:	912 ILANIWAI ST

K77 **EDR US Hist Auto Stat** **1015558666**
WSW **575 COOKE ST** **N/A**
1/8-1/4 **HONOLULU, HI 96813**
0.137 mi.
725 ft. **Site 2 of 3 in cluster K**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	VOLX GERMAN 2 CAR SERVICE LLC
Year:	2006
Address:	575 COOKE ST
Name:	VOLX GERMAN 2 CAR SERVICE LLC
Year:	2007
Address:	575 COOKE ST
Name:	VOLX GERMAN CAR SVC INC
Year:	2010
Address:	575 COOKE ST

J78 **HAWAII INSTRUMENTATION & CONTROLS, INC** **HI SHWS** **S106817350**
SW **822 HALEKAUWILA ST** **HI SPILLS** **N/A**
1/8-1/4 **HONOLULU, HI** **HI ENG CONTROLS**
0.139 mi. **HI INST CONTROL**
733 ft. **Site 2 of 2 in cluster J**

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Hawaii Instrumentation & Controls, Inc
HID Number:	Not reported
Facility Registry Identifier:	110013789604
Lead Agency:	HEER
Program:	State
Project Manager:	Richard Palmer
Hazard Priority:	Medium
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Hawaii Instrumentation & Controls, Inc
HID Number:	Not reported
Facility Registry Identifier:	110013789604
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	Medium
Assessment:	Response Necessary
Response:	Response Ongoing
Nature of Contamination:	Presumed: Solvent vapors encountered inside and around 822 Halekauwila St. Restroom renovation, and capping/sealing of grounds, alleviated the vapor intrusion problem.
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Not reported
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	Not reported
Document Date:	Not reported

HAWAII INSTRUMENTATION & CONTROLS, INC (Continued) **S106817350**

Document Number: Not reported
Document Subject: Not reported
Project Manager: Richard Palmer
Contact Information: (808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:
Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19941216-4
HID Number: Not reported
Facility Registry Id: 110013789604
Lead and Program: HEER EP&R
ER: Not reported
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
Activity Lead: Mike Cripps
Assignment End Date: Not reported
Result: SOSC NFA
File Under: Hawaii Instrumentation & Controls Inc.

Island: Oahu
Supplemental Loc. Text: Not reported
Case Number: 19910620-3
HID Number: Not reported
Facility Registry Id: 110013789604
Lead and Program: HEER EP&R
ER: Not reported
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
Activity Lead: Not reported
Assignment End Date: Not reported
Result: SOSC NFA
File Under: Hawaii Instrumentation & Controls Inc.

ENG CONTROLS:
Supplemental Location Text: Not reported
Zip Suffix: Not reported
Island: Oahu
Potential Hazards And Controls: Hazard Managed With Controls
Engineering Control: Engineering Control Required

INST CONTROL:
Potential hazards and controls: Hazard Managed With Controls
Supplemental Location: Not reported
Zip Suffix: Not reported
Island: Oahu
Institutional Control: Government - Hawaii Dept. of Health Letter Issued

H79 WSW 1/8-1/4 0.142 mi. 749 ft. | **QUALEX INC**
760 HALEKAUWILA ST
HONOLULU, HI 96813 | **RCRA-SQG FINDS** | **1000315642 HID049981996**

Site 11 of 12 in cluster H

Relative: Higher

Actual: 3 ft.

RCRA-SQG:

Date form received by agency:	04/17/1986
Facility name:	QUALEX INC
Facility address:	760 HALEKAUWILA ST HONOLULU, HI 96813
EPA ID:	HID049981996
Mailing address:	P O BOX 1260 HONOLULU, HI 86807
Contact:	LES KANDA
Contact address:	760 HALEKAUWILA ST HONOLULU, HI 96813
Contact country:	US
Contact telephone:	(808) 531-6565
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

QUALEX INC (Continued) **1000315642**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110005284405

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

STATE MASTER

H80 **TODOKI MACHINE & MARINE WORKS** **HI UST** **U001235185**
SW **810 HALEKAUWILA ST** **N/A**
1/8-1/4 **HONOLULU, HI 96813**
0.144 mi.
762 ft. **Site 12 of 12 in cluster H**

Relative:
Higher

Actual:
3 ft.

UST:
Facility ID: 9-100490
Owner: TODOKI MACHINE & MARINE WORKS
Owner Address: 810 HALEKAUWILA ST
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: Not reported
Longitude: Not reported
Horizontal Reference Datum Name: Not reported

Tank ID: P-1
Date Installed: 08/13/1975
Tank Status: **Permanently Out of Use**
Date Closed: Not reported
Tank Capacity: 550
Substance: Gasoline

G81 **V H T INC** **RCRA NonGen / NLR** **1000823290**
South **918 ILANIWAI ST** **FINDS** **HID984469494**
1/8-1/4 **HONOLULU, HI 96813**
0.147 mi.
776 ft. **Site 9 of 9 in cluster G**

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:

Date form received by agency:	11/05/1992
Facility name:	V H T INC
Facility address:	918 ILANIWAI ST HONOLULU, HI 968135521
EPA ID:	HID984469494
Mailing address:	ILANIWAI ST HONOLULU, HI 968135521
Contact:	VAN TAKEMOTO
Contact address:	918 ILANIWAI ST HONOLULU, HI 968135521
Contact country:	US
Contact telephone:	(808) 521-8757
Contact email:	Not reported
EPA Region:	09
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	TAKEMOTO AND TAKEMOTO
Owner/operator address:	918 ILANIWAI ST HONOLULU, HI 96813
Owner/operator country:	Not reported
Owner/operator telephone:	(808) 521-8757
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date:	05/31/1996
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE

V H T INC (Continued) **1000823290**

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005728622

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

I82 **LEX BRODIE TIRE CO.** **HI LUST** **U001235766**
WNW **701 S QUEEN ST** **HI UST** **N/A**
1/8-1/4 **HONOLULU, HI 96813** **HI Financial Assurance**
0.150 mi.
793 ft. **Site 3 of 4 in cluster I**

Relative:
Higher

Actual:
3 ft.

LUST:
Facility ID: 9-102200
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 02/10/2003
Release ID: 910036
Project Officer: Jose Ruiz

UST:
Facility ID: 9-102200
Owner: LBTC hOLDINGS, LLC dba Lex Brodie's Tire company
Owner Address: 701 Queen St
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3006
Longitude: -157.858
Horizontal Reference Datum Name: NAD83

Tank ID: 87
Date Installed: 03/01/1991
Tank Status: **Currently in Use**
Date Closed: Not reported
Tank Capacity: 15000
Substance: Gasoline

Tank ID: 92
Date Installed: 03/01/1991
Tank Status: **Currently in Use**
Date Closed: Not reported
Tank Capacity: 5000
Substance: Gasoline

Tank ID: R-1
Date Installed: 03/06/1964
Tank Status: **Permanently Out of Use**

LEX BRODIE TIRE CO. (Continued) **U001235766**

Date Closed: 02/05/1991
Tank Capacity: 5000
Substance: Gasoline

Tank ID: R-2
Date Installed: 03/06/1964
Tank Status: Permanently Out of Use
Date Closed: 02/05/1991
Tank Capacity: 5000
Substance: Gasoline

Tank ID: R-3
Date Installed: 03/06/1968
Tank Status: Permanently Out of Use
Date Closed: 02/05/1991
Tank Capacity: 10000
Substance: Gasoline

HI Financial Assurance:
Alt Facility ID: 9-102200
Tank Id: 87
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 04/23/2013

Alt Facility ID: 9-102200
Tank Id: R-2
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 04/23/2013

Alt Facility ID: 9-102200
Tank Id: R-3
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 04/23/2013

Alt Facility ID: 9-102200
Tank Id: 92
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 04/23/2013

Alt Facility ID: 9-102200
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 04/23/2013

I83
WNW
1/8-1/4
0.150 mi.
793 ft.

EDR US Hist Auto Stat — **1015605987** / **N/A**

701 QUEEN ST
HONOLULU, HI 96813

Site 4 of 4 in cluster I

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	NATIONAL TIRE OF HAWAI LTD
Year:	2008
Address:	701 QUEEN ST

L84
North
1/8-1/4
0.152 mi.
801 ft.

HI UST — **U003402864** / **N/A**

SERVCO PACIFIC
650 KAPIOLANI BLVD
HONOLULU, HI 96814

Site 1 of 5 in cluster L

Relative:
Higher

Actual:
7 ft.

UST:

Facility ID:	9-103500
Owner:	SERVCO PACIFIC, INC.
Owner Address:	Not reported
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	Not reported
Longitude:	Not reported
Horizontal Reference Datum Name:	Not reported
Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	11/23/1998
Tank Capacity:	1000
Substance:	Gasoline

M85
ESE
1/8-1/4
0.156 mi.
822 ft.

RCRA NonGen / NLR — **1000906757**
FINDS — **HI0000565770**

SYMPHONY PARK
770 802 818 830 864 KAPIOLANI
HONOLULU, HI 96814

Site 1 of 4 in cluster M

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/10/1994
Facility name:	SYMPHONY PARK
Facility address:	770 802 818 830 864 KAPIOLANI BLVD AND 710 WARD AVE HONOLULU, HI 96814
EPA ID:	HI0000565770
Mailing address:	FORT ST STE 1500 HONOLULU, HI 96822
Contact:	CHARLES PEARSON
Contact address:	745 FORT ST STE 1500 HONOLULU, HI 96822
Contact country:	US
Contact telephone:	(808) 521-9400
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

SYMPHONY PARK (Continued) **1000906757**

Owner/Operator Summary:

Owner/operator name:	MYERS DAIICHI MIDTOWN PARTNERS
Owner/operator address:	745 FORT ST STE 1500 HONOLULU, HI 96822
Owner/operator country:	Not reported
Owner/operator telephone:	(808) 521-9400
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date:	12/21/1995
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

FINDS:

Registry ID: 110013778206

Environmental Interest/Information System

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

M86 ESE 1/8-1/4 0.156 mi. 822 ft. | **SYMPHONY PARK**
WARD AVE & KAPIOLANI BLVD
HONOLULU, HI 96807 | **CERC-NFRAP** | **1003879625**
HID984467654

Site 2 of 4 in cluster M

Relative: Higher

Actual: 3 ft.

CERC-NFRAP:

Site ID:	0904231
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13037619.00000
Person ID:	9000059.00000

CERCLIS-NFRAP Assessment History:

Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	01/11/93
Priority Level:	Higher priority for further assessment
Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	01/23/96
Priority Level:	Not reported
Action:	SITE INSPECTION
Date Started:	01/11/93
Date Completed:	09/27/95
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information
Action:	DISCOVERY
Date Started:	/ /
Date Completed:	12/31/91
Priority Level:	Not reported

M87 ESE 1/8-1/4 0.156 mi. 822 ft. | **SYMPHONY PARK**
850 KAPIOLANI BLVD
HONOLULU, HI 96807 | **HI SHWS** | **S107022567**
N/A

Site 3 of 4 in cluster M

Relative: Higher

Actual: 3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Intersection with Ward Avenue
Island:	Oahu
Environmental Interest:	Symphony Park
HID Number:	HID984467654
Facility Registry Identifier:	110013778206
Lead Agency:	HEER
Program:	State
Project Manager:	Liz Galvez
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Intersection with Ward Avenue
SDAR Environmental Interest Name:	Symphony Park

SYMPHONY PARK (Continued) **S107022567**

HID Number:	HID984467654
Facility Registry Identifier:	110013778206
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	NFA
Assessment:	Assessment Ongoing
Response:	Not reported
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Not reported
Use Restrictions:	Undetermined
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action - Type Undetermined
Document Date:	08/31/1995
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Liz Galvez
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

L88 **HECO PAD-MOUNTED #65844 TRANSFORMER RELEASE** **HI SHWS** **1006818926**
North **650 KAPIOLANI BLVD** **HI SPILLS** **N/A**
1/8-1/4 **HONOLULU, HI 96813** **HI INST CONTROL**
0.159 mi.
838 ft. **Site 2 of 5 in cluster L**

Relative:
Higher

Actual:
7 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Motor Imports
HID Number:	Not reported
Facility Registry Identifier:	110013766825
Lead Agency:	HEER
Program:	State
Project Manager:	Mark Sutterfield
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Motor Imports
HID Number:	Not reported
Facility Registry Identifier:	110013766825
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Petroleum contaminated soil and groundwater on and off the site. Cannot remove soil based on electical corridirs
Nature of Residual Contamination:	Free product still observed in one monitoring well
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Not reported
Description of Restrictions:	Prohibit Any Activity That May Disturb the Integrity of the Monitoring

HECO PAD-MOUNTED #65844 TRANSFORMER RELEASE (Continued) **1006818926**

	System
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	07/13/2004
Document Number:	2004-267-MS
Document Subject:	No further Groundwater monitoring required
Project Manager:	Mark Sutterfield
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20110629-1249
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R
ER:	None
Units:	HECO pad-mounted #65844 transformer release
Substances:	Transformer Oil
Less Or Greater Than:	>
Numerical Quantity:	2
Units:	Gallons
Activity Type:	Response
Activity Lead:	Curtis Martin
Assignment End Date:	Not reported
Result:	Not reported
File Under:	Not reported

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

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L89 **SERVCO PACIFIC INC** **RCRA NonGen / NLR** **1012178134**
North **650 KAPIOLANI BLVD** **HIP000047852**
1/8-1/4 **HONOLULU, HI 96813**
0.159 mi.
838 ft. **Site 3 of 5 in cluster L**

Relative:
Higher

Actual:
7 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/28/2009
Facility name:	SERVCO PACIFIC INC
Facility address:	650 KAPIOLANI BLVD HONOLULU, HI 96813
EPA ID:	HIP000047852
Mailing address:	900 FORT ST MALL STE 410 HONOLULU, HI 96813
Contact:	KAREN SHIMIZU
Contact address:	900 FORT ST MALL STE 410 HONOLULU, HI 96813
Contact country:	US
Contact telephone:	(808) 521-6511
Contact email:	Not reported
EPA Region:	09

SERVCO PACIFIC INC (Continued) **1012178134**

Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: SERVCO PACIFIC INC
Owner/operator address: 900 FORT ST MALL STE 410
HONOLULU, HI 96813
Owner/operator country: Not reported
Owner/operator telephone: (808) 521-6511
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 01/14/1999
Site name: SERVCO PACIFIC INC
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

N90 SSE 1/8-1/4 0.159 mi. 840 ft. | **WAIKIKI DUTY FREE EXPANSION** | **RCRA-CESQG** | **1005415823**
520 WARD AVE | **FINDS** | **HIR000112284**
HONOLULU, HI 96814

Site 1 of 13 in cluster N

Relative: Higher

Actual: 3 ft.

RCRA-CESQG:
Date form received by agency: 03/01/2012
Facility name: WARD AVENUE SHELL
Facility address: 520 WARD AVE
HONOLULU, HI 96814
EPA ID: HIR000112284
Contact: RICHARD L CONNER
Contact address: 1132 BISHOP ST, SUITE 1700
HONOLULU, HI 96813
Contact country: US
Contact telephone: (808) 522-9704
Contact email: RCONNER@ALOHAGAS.COM
EPA Region: 09

WAIKIKI DUTY FREE EXPANSION (Continued) **1005415823**

Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	ALOHA PETROLEUM LTD
Owner/operator address:	1132 BISHOP ST, SUITE 1700 HONOLULU, HI 96813
Owner/operator country:	US
Owner/operator telephone:	(808) 522-9700
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	03/01/1999
Owner/Op end date:	Not reported

Owner/operator name:	ALOHA PETROLEUM LTD
Owner/operator address:	1132 BISHOP ST, SUITE 1700 HONOLULU, HI 96813
Owner/operator country:	US
Owner/operator telephone:	(808) 522-9700
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	03/01/1999
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Historical Generators:
Date form received by agency: 02/07/2002

WAIKIKI DUTY FREE EXPANSION (Continued) **1005415823**

Site name: SHELL SERVICE STATION
Classification: Small Quantity Generator

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

Waste code: D018
Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110055117724

Environmental Interest/Information System
STATE MASTER

Registry ID: 110045412344

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

STATE MASTER

Registry ID: 110046160943

Environmental Interest/Information System
STATE MASTER

N91 **EDR US Hist Auto Stat** **1015536839**
SSE **520 WARD AVE** **N/A**
1/8-1/4 **HONOLULU, HI 96814**
0.159 mi.
840 ft. **Site 2 of 13 in cluster N**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:
Name: FRENCH WRENCH SHELL SERVICE STATION
Year: 1999
Address: 520 WARD AVE

Name: FRENCH WRENCH SHELL SERVICE STATION
Year: 2006
Address: 520 WARD AVE

(Continued) **1015536839**

Name: SHELL SERVICE STATIONS
Year: 2007
Address: 520 WARD AVE

Name: FRENCH WRENCH SHELL SERVICE STATION
Year: 2008
Address: 520 WARD AVE

Name: FRENCH WRENCH SHELL SVC STA
Year: 2010
Address: 520 WARD AVE

Name: FRENCH WRENCH SHELL SERVICE STATION
Year: 2011
Address: 520 WARD AVE

Name: FRENCH WRENCH SHELL SERVICE STATION
Year: 2012
Address: 520 WARD AVE

N92 **WARD AVE SHELL** **HI LUST** **U003221596**
SSE **520 WARD AVE** **HI UST** **N/A**
1/8-1/4 **HONOLULU, HI 96814** **HI Financial Assurance**
0.159 mi.
840 ft. **Site 3 of 13 in cluster N**

Relative:
Higher

Actual:
3 ft.

LUST:
Facility ID: 9-100316
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 10/17/1997
Release ID: 950036
Project Officer: Josh Nagashima

Facility ID: 9-100316
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 08/11/2008
Release ID: 070018
Project Officer: Josh Nagashima

Facility ID: 9-100316
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 03/05/2001
Release ID: 980069
Project Officer: Josh Nagashima

UST:
Facility ID: 9-100316
Owner: ALOHA PETROLEUM, LTD.
Owner Address: 1132 BISHOP STREET, SUITE 1700
Owner City,St,Zip: Honolulu, 96814 96814
Latitude: 21.2979
Longitude: -157.854
Horizontal Reference Datum Name: NAD83

Tank ID: 87
Date Installed: 04/08/1985
Tank Status: **Currently in Use**

WARD AVE SHELL (Continued) **U003221596**

Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

Tank ID: 92
Date Installed: 04/08/1985
Tank Status: Currently in Use
Date Closed: Not reported
Tank Capacity: 10000
Substance: Gasoline

Tank ID: Diesel
Date Installed: 04/08/1985
Tank Status: Currently in Use
Date Closed: Not reported
Tank Capacity: 10000
Substance: Diesel

Tank ID: R-4
Date Installed: 04/08/1964
Tank Status: Permanently Out of Use
Date Closed: 02/03/1998
Tank Capacity: 550
Substance: Used Oil

HI Financial Assurance:
Alt Facility ID: 9-100316
Tank Id: 92
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100316
Tank Id: 87
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100316
Tank Id: R-4
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100316
Tank Id: Diesel
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100316
Tank Id: R-4
Tank Status: Permanently Out of Use
FRTYPE: Insurance

WARD AVE SHELL (Continued) **U003221596**

Expiration Date: 04/01/2014

Alt Facility ID: 9-100316
Tank Id: 92
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 04/01/2014

Alt Facility ID: 9-100316
Tank Id: 87
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 04/01/2014

Alt Facility ID: 9-100316
Tank Id: Diesel
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 04/01/2014

M93 **KAPIOLANI BOWL** **HI LUST** **U001237402**
SE **KAPIOLANI BLVD X WARD AVE** **HI UST** **N/A**
1/8-1/4 **HONOLULU, HI 96800**
0.161 mi.
850 ft. **Site 4 of 4 in cluster M**

Relative:
Higher

Actual:
3 ft.

LUST:
Facility ID: 9-102703
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 03/31/1995
Release ID: 930011
Project Officer: To HEER

UST:
Facility ID: 9-102703
Owner: UNDETERMINED AT THIS TIME
Owner Address: Address Unknown
Owner City,St,Zip: Honolulu, 96800 96800
Latitude: 21.2987
Longitude: -157.853
Horizontal Reference Datum Name: NAD83

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

N94 South 1/8-1/4 0.162 mi. 853 ft. | **HAWAIIAN HARDWOOD CO., LTD** | **HI LUST** | **U003762118**
935 QUEEN ST | **HI UST** | **N/A**
HONOLULU, HI 96814

Site 4 of 13 in cluster N

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-103660
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	11/23/2001
Release ID:	010029
Project Officer:	Shunsheng Fu

UST:

Facility ID:	9-103660
Owner:	DICK CHUN
Owner Address:	P.O. BOX 3293
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2971
Longitude:	-157.854
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	03/13/2001
Tank Capacity:	1000
Substance:	Diesel

Tank ID:	R-2
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	03/13/2001
Tank Capacity:	2000
Substance:	Gasoline

N95 SSE 1/8-1/4 0.162 mi. 858 ft. | **REGO'S PURITY FOODS CO., INC.** | **HI UST** | **U001235147**
942 KAWAIAHAO ST | **HI Financial Assurance** | **N/A**
HONOLULU, HI 96814

Site 5 of 13 in cluster N

Relative: Higher

Actual: 3 ft.

UST:

Facility ID:	9-100303
Owner:	REGO'S PURITY FOODS CO., INC.
Owner Address:	942 KAWAIAHAO ST
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	Not reported
Longitude:	Not reported
Horizontal Reference Datum Name:	Not reported

Tank ID:	R-1
Date Installed:	04/29/1979
Tank Status:	**Permanently Out of Use**
Date Closed:	10/01/1988
Tank Capacity:	1000
Substance:	Gasoline

REGO'S PURITY FOODS CO., INC. (Continued) **U001235147**

HI Financial Assurance:

Alt Facility ID:	9-100303
Tank Id:	R-1
Tank Status:	Permanently Out of Use
FRTYPE:	Self Insured
Expiration Date:	Not reported

N96 SSE 1/8-1/4 0.162 mi. 858 ft. **LA REGO INVESTMENT CO INC** **RCRA NonGen / NLR** **1012178117**
942 KAWAIAHAO ST **FINDS** **HIP000036236**
HONOLULU, HI 96814

Site 6 of 13 in cluster N

Relative: Higher

Actual: 3 ft.

RCRA NonGen / NLR:

Date form received by agency:	08/14/2009
Facility name:	LA REGO INVESTMENT CO INC
Facility address:	942 KAWAIAHAO ST HONOLULU, HI 96814
EPA ID:	HIP000036236
Mailing address:	1451 S KING ST NO 505 HONOLULU, HI 96814
Contact:	SCOTT STEVENSON
Contact address:	1451 S KING ST NO 505 HONOLULU, HI 96814
Contact country:	US
Contact telephone:	(808) 947-9005
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	ALBERT REGO
Owner/operator address:	1451 S KING ST NO 505 HONOLULU, HI 96814
Owner/operator country:	Not reported
Owner/operator telephone:	(808) 947-9005
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

LA REGO INVESTMENT CO INC (Continued) **1012178117**

Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 02/12/1998
Site name: LA REGO INVESTMENT CO INC
Classification: Conditionally Exempt Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110046170692

Environmental Interest/Information System
OSHA ESTABLISHMENT

STATE MASTER

O97 WNW 1/8-1/4 0.168 mi. 886 ft. | **POHULANI ELDERLY PROJECT** | **HI LUST** | **U001235471**
677 QUEEN ST | **HI UST** | **N/A**
HONOLULU, HI 96813

Site 1 of 4 in cluster O

Relative: Higher

Actual: 3 ft.

LUST:
Facility ID: 9-101396
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 08/24/1999
Release ID: 910006
Project Officer: Eric Sadoyama

UST:
Facility ID: 9-101396
Owner: STATE DBEDT - HAWAII COMM DEVELOPMENT AUTHORITY
Owner Address: 677 ALA MOANA BLVD, SUITE 1001
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3011
Longitude: -157.858
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 11/20/1990
Tank Capacity: 500
Substance: Diesel

Tank ID: R-2
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 04/16/1991
Tank Capacity: 1000
Substance: Not Listed

POHULANI ELDERLY PROJECT (Continued) **U001235471**

Tank ID:	R-3
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/08/1991
Tank Capacity:	1000
Substance:	Not Listed

P98 **C AND C HONOLULU AUDITORIUMS** **RCRA-CESQG** **1004688944**
ESE **777 WARD AVE** **FINDS** **HIR000000554**
1/8-1/4 **HONOLULU, HI 96814**
0.174 mi.
920 ft. **Site 1 of 3 in cluster P**

Relative:
Higher

Actual:
3 ft.

RCRA-CESQG:

Date form received by agency:	01/24/1996
Facility name:	C AND C HONOLULU AUDITORIUMS
Facility address:	777 WARD AVE HONOLULU, HI 96814
EPA ID:	HIR000000554
Mailing address:	WARD AVE HONOLULU, HI 96814
Contact:	WILLIAM CORLISS
Contact address:	777 WARD AVE HONOLULU, HI 96814
Contact country:	US
Contact telephone:	(808) 527-5412
Contact email:	Not reported
EPA Region:	09
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	C AND C OF HONOLULU AUDITORIUMS
Owner/operator address:	777 WARD AVE HONOLULU, HI 96814
Owner/operator country:	Not reported
Owner/operator telephone:	(808) 527-5400
Legal status:	County
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No

C AND C HONOLULU AUDITORIUMS (Continued) **1004688944**

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

Violation Status: No violations found

FINDS:

Registry ID: 110046208901

Environmental Interest/Information System
STATE MASTER

Registry ID: 110055120818

Environmental Interest/Information System
STATE MASTER

Registry ID: 110011657956

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

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

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

STATE MASTER

L99 NNW 1/8-1/4 0.177 mi. 936 ft. | **HAWAII NEWSPAPER OPERATORS**
605 KAPIOLANI BLVD
HONOLULU, HI 96813

RCRA-CESQG FINDS | **1004688838 HID982368474**

Site 4 of 5 in cluster L

Relative: Higher

Actual: 7 ft.

RCRA-CESQG:

Date form received by agency:	11/29/1993
Facility name:	HAWAII NEWSPAPER AGENCY, INC
Facility address:	605 KAPIOLANI BLVD HONOLULU, HI 96813
EPA ID:	HID982368474
Mailing address:	P.O. BOX THIRD THOUSAND THIRD HONOLULU, HI 96801
Contact:	LEONARD RAPOZO
Contact address:	605 KAPIOLANI BLVD HONOLULU, HI 96813
Contact country:	US
Contact telephone:	(808) 525-8000
Contact email:	Not reported
EPA Region:	09
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

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

HAWAII NEWSPAPER OPERATORS (Continued) **1004688838**

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110057542048

Environmental Interest/Information System
OSHA ESTABLISHMENT

Registry ID: 110057543298

Environmental Interest/Information System
OSHA ESTABLISHMENT

Registry ID: 110057650581

Environmental Interest/Information System
OSHA ESTABLISHMENT

Registry ID: 110005726330

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

OSHA ESTABLISHMENT

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.

L100
NNW
1/8-1/4
0.177 mi.
936 ft.

Relative:
Higher

Actual:
7 ft.

HAWAII NEWSPAPER AGENCY INC
605 KAPIOLANI BLVD
HONOLULU, HI 96813

Site 5 of 5 in cluster L

HI SHWS **1000146678**
HI LUST **N/A**
HI UST
HI SPILLS
HI ENG CONTROLS
HI INST CONTROL

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	The Honolulu Advertiser (Hawaii Newspaper Agency)
HID Number:	Not reported
Facility Registry Identifier:	110005726330
Lead Agency:	HEER
Program:	State
Project Manager:	Cal Miyahara
Hazard Priority:	Medium
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	The Honolulu Advertiser (Hawaii Newspaper Agency)
HID Number:	Not reported
Facility Registry Identifier:	110005726330
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	Medium
Assessment:	Response Necessary
Response:	Response Ongoing
Nature of Contamination:	Found: TPH-g found in soil near New Building loading dock. TPH-o found in soil on east side of property near Kapiolani Blvd. Lead (4050 mg/kg) found in soil in westside parking lot.
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Not reported
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	10/26/2011
Document Number:	2011-618-CMM
Document Subject:	Final Environmental Hazard Management Plan (EHMP), Honolulu Advertiser Property, 605 Kapiolani Blvd
Project Manager:	Cal Miyahara
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

LUST:

Facility ID:	9-100938
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	10/27/1993
Release ID:	940008
Project Officer:	Eric Sadoyama

Facility ID:	9-100938
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	05/07/1999
Release ID:	930071

HAWAII NEWSPAPER AGENCY INC (Continued) **1000146678**

Project Officer: Eric Sadoyama

UST:

Facility ID:	9-100938
Owner:	HAWAII NEWSPAPER AGENCY, INC.
Owner Address:	605 KAPIOLANI BLVD
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3031
Longitude:	-157.856
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	05/16/1978
Tank Status:	**Permanently Out of Use**
Date Closed:	12/01/1994
Tank Capacity:	6000
Substance:	Gasoline

Tank ID:	R-2
Date Installed:	05/16/1978
Tank Status:	**Permanently Out of Use**
Date Closed:	12/01/1994
Tank Capacity:	6000
Substance:	Gasoline

Tank ID:	R-3
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	10/16/1989
Tank Capacity:	Not reported
Substance:	Not Listed

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20100826-1115
HID Number:	Not reported
Facility Registry Id:	110005726330
Lead and Program:	HEER EP&R
ER:	None
Units:	former Honolulu Advertiser site
Substances:	Lead
Less Or Greater Than:	Not reported
Numerical Quantity:	0
Units:	Unknown
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	2011-01-11 00:00:00
Result:	Refer to SDAR
File Under:	The Honolulu Advertiser

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20100826-1115

HAWAII NEWSPAPER AGENCY INC (Continued) **1000146678**

HID Number:	Not reported
Facility Registry Id:	110005726330
Lead and Program:	HEER EP&R
ER:	None
Units:	former Honolulu Advertiser site
Substances:	Oil
Less Or Greater Than:	Not reported
Numerical Quantity:	0
Units:	Unknown
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	2011-01-11 00:00:00
Result:	Refer to SDAR
File Under:	The Honolulu Advertiser

ENG CONTROLS:

Supplemental Location Text:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Potential Hazards And Controls:	Hazard Managed With Controls
Engineering Control:	Engineering Control Required

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

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N101 **EDR US Hist Cleaners** **1015107995**
SSE **949 KAWAIAHAO ST** **N/A**
1/8-1/4 **HONOLULU, HI 96814**
0.178 mi.
938 ft. **Site 7 of 13 in cluster N**

Relative:
Higher

Actual:
3 ft.

EDR Historical Cleaners:

Name:	A DRAPERY DRY CLEANING
Year:	2005
Address:	949 KAWAIAHAO ST

K102 **BLAIR LTD** **RCRA NonGen / NLR** **1000261021**
West **404 A WARD AVE** **FINDS** **HID009149287**
1/8-1/4 **HONOLULU, HI 96814**
0.180 mi.
948 ft. **Site 3 of 3 in cluster K**

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/27/1993
Facility name:	BLAIR LTD
Facility address:	404 A WARD AVE HONOLULU, HI 96814
EPA ID:	HID009149287
Contact:	KAREN LEE
Contact address:	404 A WARD AVE HONOLULU, HI 96814

BLAIR LTD (Continued) **1000261021**

Contact country: US
Contact telephone: (808) 536-4907
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

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

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

Violation Status: No violations found

FINDS:

Registry ID: 110005284183

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

BLAIR LTD (Continued) **1000261021**

corrective action activities required under RCRA.

N103 **HONOLULU FIREARMS AND RANGE** **RCRA-CESQG** **1016448290**
SSE **940 QUEEN STREET** **FINDS** **HIR000141754**
1/8-1/4 **HONOLULU, HI 96814**
0.185 mi.
975 ft. **Site 8 of 13 in cluster N**

Relative:
Higher

Actual:
3 ft.

RCRA-CESQG:

Date form received by agency:	03/18/2014
Facility name:	HONOLULU FIREARMS AND RANGE
Facility address:	940 QUEEN STREET HONOLULU, HI 96814
EPA ID:	HIR000141754
Mailing address:	QUEEN STREET HONOLULU, HI 96814
Contact:	DERWIN I MORIKAWA
Contact address:	QUEEN STREET HONOLULU, HI 96814
Contact country:	US
Contact telephone:	808-348-9373
Contact email:	DERWIN@HONOLULUFIREARMS.COM
EPA Region:	09
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Handler Activities Summary:

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

HONOLULU FIREARMS AND RANGE (Continued) **1016448290**

Historical Generators:
Date form received by agency: 12/03/2013
Site name: HONOLULU FIREARMS AND RANGE
Classification: Large Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110056374971

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

O104 **KYLES SVC** **RCRA NonGen / NLR** **1000221661**
NW **869 KAWAIHAAO** **FINDS** **HID981972375**
1/8-1/4 **HONOLULU, HI 96813**
0.186 mi.
980 ft. **Site 2 of 4 in cluster O**

Relative:
Higher

Actual:
6 ft.

RCRA NonGen / NLR:
Date form received by agency: 12/10/1993
Facility name: KYLES SVC
Facility address: 869 KAWAIHAAO
HONOLULU, HI 96813
EPA ID: HID981972375
Mailing address: 869 KAWAIAHAO
HONOLULU, HI 96813
Contact: ENVIRONMENTAL MANAGER
Contact address: 869 KAWAIHAAO
HONOLULU, HI 96813
Contact country: US
Contact telephone: (808) 537-9877
Contact email: Not reported
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

KYLES SVC (Continued) **1000221661**

Owner/Op end date: Not reported

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

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

Violation Status: No violations found

FINDS:

Registry ID: 110005725741

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

P105 **WARD AVENUE COMPLEX** **RCRA-SQG** **1007092165**
East **820 WARD AVE.** **PADS** **HIT000610907**
1/8-1/4 **HONOLULU, HI 96814** **FINDS**
0.187 mi.
985 ft. **Site 2 of 3 in cluster P**

Relative:
Higher

Actual:
3 ft.

RCRA-SQG:
Date form received by agency: 02/26/2004
Facility name: WARD AVENUE COMPLEX
Facility address: 820 WARD AVENUE
HONOLULU, HI 96814
EPA ID: HIT000610907
Mailing address: P.O. BOX 2750
HONOLULU, HI 96840

WARD AVENUE COMPLEX (Continued) **1007092165**

Contact:	DONN T FUKUDA
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(808) 543-4525
Contact email:	DONN.FUKUDA@HECO.COM
EPA Region:	09
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	HAWAIIAN ELECTRIC COMPANY, INC.
Owner/operator address:	Not reported Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1921
Owner/Op end date:	Not reported

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

Owner/operator name:	HAWAIIAN ELECTRIC COMPANY, INC.
Owner/operator address:	P.O. BOX 2750 HONOLULU, HI 96840
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1921
Owner/Op end date:	Not reported

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

WARD AVENUE COMPLEX (Continued) **1007092165**

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 03/19/2003
Site name: WARD AVENUE COMPLEX
Classification: Small Quantity Generator

Date form received by agency: 08/01/1980
Site name: HI ELECTRIC CO WARD AVENUE COMPLEX
Classification: Not a generator, verified

Hazardous Waste Summary:

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

Waste code: D002
Waste name: 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.

Waste code: D005
Waste name: BARIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

WARD AVENUE COMPLEX (Continued) **1007092165**

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 10/03/2003
Date achieved compliance: 08/03/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/26/2003
Enf. disposition status: Action Satisfied (Case Closed)
Enf. disp. status date: 08/03/2006
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/11/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/03/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/03/2006
Evaluation lead agency: State

PADS:
EPAID: HIT000610907

WARD AVENUE COMPLEX (Continued) **1007092165**

Facility name:	WARD AVENUE COMPLEX
Facility Address:	820 WARD AVE. HONOLULU, HI 96814
Facility country:	US
Generator:	Yes
Storer:	No
Transporter:	No
Disposer:	No
Research facility:	No
Smelter:	No
Facility owner name:	HAWAIIAN ELECTRIC CO., INC.
Contact title:	Not reported
Contact name:	DONN FUKUDA
Contact tel:	(808)543-4525
Contact extension:	Not reported
Mailing address:	P.O. BOX 2750 HONOLULU, HI 96840
Mailing country:	US
Cert. title:	Not reported
Cert. name:	Not reported
Cert. date:	02/07/1990
Date received:	03/14/1990

FINDS:

Registry ID: 110001760540

Environmental Interest/Information System

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

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

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

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 it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region

WARD AVENUE COMPLEX (Continued) **1007092165**

that support Compliance and Enforcement programs. These include;
Incident Tracking, Compliance Assistance, and Compliance Monitoring.

GREENHOUSE GAS REPORTER

P106 **HECO WARD AVE COMPLEX** **HI LUST** **U003221628**
East **820 WARD AVE** **HI UST** **N/A**
1/8-1/4 **HONOLULU, HI 96813** **HI Financial Assurance**
0.187 mi.
985 ft. **Site 3 of 3 in cluster P**

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID:	9-100957
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	11/13/2001
Release ID:	920118
Project Officer:	Shumin Liu

UST:

Facility ID:	9-100957
Owner:	HAWAIIAN ELECTRIC CO., INC.
Owner Address:	P.O. BOX 2750
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3008
Longitude:	-157.852
Horizontal Reference Datum NAD:	NAD83

Tank ID:	5
Date Installed:	03/21/1989
Tank Status:	**Currently in Use**
Date Closed:	Not reported
Tank Capacity:	1000
Substance:	Used Oil

Tank ID:	6
Date Installed:	02/28/1992
Tank Status:	**Currently in Use**
Date Closed:	Not reported
Tank Capacity:	6000
Substance:	Diesel

Tank ID:	87
Date Installed:	02/28/1992
Tank Status:	**Currently in Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-1
Date Installed:	11/24/1962
Tank Status:	**Permanently Out of Use**
Date Closed:	03/03/1992
Tank Capacity:	3000

HECO WARD AVE COMPLEX (Continued) **U003221628**

Substance: Gasoline

Tank ID: R-2
Date Installed: 11/24/1962
Tank Status: Permanently Out of Use
Date Closed: 03/03/1992
Tank Capacity: 3000
Substance: Gasoline

Tank ID: R-3
Date Installed: 11/24/1962
Tank Status: Permanently Out of Use
Date Closed: 03/03/1992
Tank Capacity: 5000
Substance: Diesel

Tank ID: R-4
Date Installed: 11/24/1962
Tank Status: Permanently Out of Use
Date Closed: 03/03/1992
Tank Capacity: 5000
Substance: Gasoline

Tank ID: R-5
Date Installed: 11/24/1978
Tank Status: Permanently Out of Use
Date Closed: 08/01/1988
Tank Capacity: 1000
Substance: Used Oil

HI Financial Assurance:
Alt Facility ID: 9-100957
Tank Id: R-2
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100957
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100957
Tank Id: R-5
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100957
Tank Id: R-4
Tank Status: Permanently Out of Use
FRTYPE: Other

HECO WARD AVE COMPLEX (Continued) **U003221628**

Expiration Date: Not reported

Alt Facility ID: 9-100957
Tank Id: R-3
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100957
Tank Id: 6
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100957
Tank Id: 87
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100957
Tank Id: 5
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100957
Tank Id: R-5
Tank Status: Permanently Out of Use
FRTYPE: Self Insured
Expiration Date: 04/28/2011

Alt Facility ID: 9-100957
Tank Id: 87
Tank Status: Currently in Use
FRTYPE: Self Insured
Expiration Date: 04/28/2011

Alt Facility ID: 9-100957
Tank Id: R-4
Tank Status: Permanently Out of Use
FRTYPE: Self Insured
Expiration Date: 04/28/2011

Alt Facility ID: 9-100957
Tank Id: R-3
Tank Status: Permanently Out of Use
FRTYPE: Self Insured
Expiration Date: 04/28/2011

Alt Facility ID: 9-100957
Tank Id: R-2
Tank Status: Permanently Out of Use
FRTYPE: Self Insured
Expiration Date: 04/28/2011

Alt Facility ID: 9-100957

HECO WARD AVE COMPLEX (Continued) **U003221628**

Tank Id: 6
Tank Status: Currently in Use
FRTYPE: Self Insured
Expiration Date: 04/28/2011

Alt Facility ID: 9-100957
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Self Insured
Expiration Date: 04/28/2011

Alt Facility ID: 9-100957
Tank Id: 5
Tank Status: Currently in Use
FRTYPE: Self Insured
Expiration Date: 04/28/2011

Q107 **T W SYSTEMS** **HI UST** **U001235631**
SE **955 WAIMANU ST** **N/A**
1/8-1/4 **HONOLULU, HI 96814**
0.187 mi.
988 ft. **Site 1 of 4 in cluster Q**

Relative:
Higher

Actual:
3 ft.

UST:
Facility ID: 9-101936
Owner: T W SYSTEMS, LTD.
Owner Address: 955 WAIMANU ST
Owner City,St,Zip: Honolulu, 96814 96814
Latitude: Not reported
Longitude: Not reported
Horizontal Reference Datum Name: Not reported

Tank ID: R-001
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: Not reported
Tank Capacity: 550
Substance: Not Listed

N108 **VICTORIA WARD LTD** **HI UST** **U001237388**
SSE **955 KAWAIAHAO ST** **N/A**
1/8-1/4 **HONOLULU, HI 96800**
0.189 mi.
999 ft. **Site 9 of 13 in cluster N**

Relative:
Higher

Actual:
3 ft.

UST:
Facility ID: 9-102507
Owner: VICTORIA WARD LTD
Owner Address: 1210 AUAHI ST / SUITE 115
Owner City,St,Zip: Honolulu, 96800 96800
Latitude: Not reported
Longitude: Not reported
Horizontal Reference Datum Name: Not reported

Tank ID: R-1
Date Installed: Not reported

VICTORIA WARD LTD (Continued) **U001237388**

Tank Status:	**Permanently Out of Use**
Date Closed:	12/15/1992
Tank Capacity:	1000
Substance:	Not Listed

---

109 South 1/8-1/4 0.189 mi. 1000 ft.

420 WARD AVE **HI LUST** **U003732581**
420 WARD AVE/901 ILANIWAI ST **HI UST** **N/A**
HONOLULU, HI 96814 **HI SPILLS**

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-103631
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	06/13/2001
Release ID:	000075
Project Officer:	Jose Ruiz

UST:

Facility ID:	9-103631
Owner:	VICTORIA WARD LTD
Owner Address:	1210 AUAHI ST / SUITE 115
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2972
Longitude:	-157.855
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	04/07/2000
Tank Capacity:	250
Substance:	Other

Tank ID:	R-2
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	04/07/2000
Tank Capacity:	250
Substance:	Other

Tank ID:	R-3
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	04/07/2000
Tank Capacity:	250
Substance:	Other

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20000504-1347
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R

420 WARD AVE (Continued) **U003732581**

ER:	Not reported
Units:	UST discovered Ward Ave.
Substances:	Not reported
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Bill Perry
Assignment End Date:	Not reported
Result:	Not reported
File Under:	Not reported

N110 **VICTORIA WARD LTD** **HI UST** **U003154709**
SSE **956 KAWAIAHAO ST** **N/A**
1/8-1/4 **HONOLULU, HI 96814**
0.190 mi.
1003 ft. **Site 10 of 13 in cluster N**

Relative:
Higher

Actual:
3 ft.

UST:

Facility ID:	9-102896
Owner:	VICTORIA WARD LTD
Owner Address:	1210 AUAHI ST / SUITE 115
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	Not reported
Longitude:	Not reported
Horizontal Reference Datum Name:	Not reported
Tank ID:	1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	03/25/1996
Tank Capacity:	1000
Substance:	Diesel

R111 **DCL - HONOLULU SHIP SUPPLY** **HI UST** **U001235116**
SW **506 AHUI ST** **N/A**
1/8-1/4 **HONOLULU, HI 96813**
0.190 mi.
1004 ft. **Site 1 of 9 in cluster R**

Relative:
Higher

Actual:
3 ft.

UST:

Facility ID:	9-100248
Owner:	DCL - HONOLULU SHIP SUPPLY CO.
Owner Address:	506 AHUI ST
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	Not reported
Longitude:	Not reported
Horizontal Reference Datum Name:	Not reported
Tank ID:	R-1
Date Installed:	03/17/1980
Tank Status:	**Permanently Out of Use**
Date Closed:	01/12/1994
Tank Capacity:	1000
Substance:	Gasoline

DCL - HONOLULU SHIP SUPPLY (Continued) **U001235116**

Tank ID:	R-2
Date Installed:	03/17/1980
Tank Status:	**Permanently Out of Use**
Date Closed:	01/12/1994
Tank Capacity:	1000
Substance:	Gasoline

S112 **HAWAII COMMUNITY DEVELOPMENT AUTHORITY** **HI LUST** **U001235908**
WSW **548 COOKE ST** **HI UST** **N/A**
1/8-1/4 **HONOLULU, HI 96813**
0.192 mi.
1015 ft. **Site 1 of 4 in cluster S**

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID:	9-102418
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	08/24/1999
Release ID:	910060
Project Officer:	Richard Takaba

UST:

Facility ID:	9-102418
Owner:	STATE DBEDT - HAWAII COMM DEVELOPMENT AUTHORITY
Owner Address:	677 ALA MOANA BLVD, SUITE 1001
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.2991
Longitude:	-157.858
Horizontal Reference Datum Name:	NAD83

Tank ID:	1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	500
Substance:	Used Oil

Tank ID:	R-2
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	2000
Substance:	Used Oil

Tank ID:	R-3
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	400
Substance:	Used Oil

S113 548 COOKE ST **RCRA NonGen / NLR** **1000601510**
WSW 548 COOKE ST **FINDS** **HID984467431**
1/8-1/4 HONOLULU, HI 96813
0.192 mi.
1015 ft. Site 2 of 4 in cluster S

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:

Date form received by agency:	07/25/1991
Facility name:	548 COOKE ST
Facility address:	548 COOKE ST HONOLULU, HI 96813
EPA ID:	HID984467431
Mailing address:	COOKE ST HONOLULU, HI 96813
Contact:	HAROLD EDWARDS
Contact address:	548 COOKE ST HONOLULU, HI 96813
Contact country:	US
Contact telephone:	(808) 548-7180
Contact email:	Not reported
EPA Region:	09
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	HAWAII COMMUNITY DEV AUTH
Owner/operator address:	677 ALA MOANA BLVD 1001 HONOLULU, HI 96813
Owner/operator country:	Not reported
Owner/operator telephone:	(808) 548-7180
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date:	12/11/1995
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE

548 COOKE ST (Continued) **1000601510**

Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005727589

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

STATE MASTER

T114 **EDR US Hist Auto Stat** **1015627151**
NNE **759 S KING ST** **N/A**
1/8-1/4 **HONOLULU, HI 96813**
0.194 mi.
1023 ft. **Site 1 of 5 in cluster T**

Relative:
Higher

Actual:
7 ft.

EDR Historical Auto Stations:
Name: TESORO HAWAII CORP
Year: 2004
Address: 759 S KING ST

Name: TESORO
Year: 2005
Address: 759 S KING ST

T115 **TESORO 2GO # 61024** **HI LUST** **U001235754**
NNE **759 S KING ST** **HI UST** **N/A**
1/8-1/4 **HONOLULU, HI 96813** **HI Financial Assurance**
0.194 mi.
1023 ft. **Site 2 of 5 in cluster T**

Relative:
Higher

Actual:
7 ft.

LUST:
Facility ID: 9-102158
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 02/20/1997
Release ID: 890019
Project Officer: Jose Ruiz

UST:
Facility ID: 9-102158
Owner: HIE Retail, LLC
Owner Address: 800 Gessner Road, Suite 875
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3027
Longitude: -157.854
Horizontal Reference Datum Name: NAD27

TESORO 2GO # 61024 (Continued) **U001235754**

Tank ID: 1
Date Installed: 10/01/2000
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 12000
Substance: Gasohol

Tank ID: 2
Date Installed: 10/01/2000
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 12000
Substance: Gasohol

Tank ID: 3
Date Installed: 10/01/2000
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 12000
Substance: Diesel

Tank ID: R-1
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 06/08/1989
Tank Capacity: 1000
Substance: Used Oil

Tank ID: R-2
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 06/09/1989
Tank Capacity: 5000
Substance: Gasoline

Tank ID: R-3
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 06/09/1989
Tank Capacity: 10000
Substance: Gasoline

Tank ID: R-4
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 06/09/1989
Tank Capacity: 11500
Substance: Gasoline

HI Financial Assurance:
Alt Facility ID: 9-102158

TESORO 2GO # 61024 (Continued) **U001235754**

Tank Id: 3
Tank Status: Currently In Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-102158
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-102158
Tank Id: R-4
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-102158
Tank Id: 1
Tank Status: Currently In Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-102158
Tank Id: R-3
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-102158
Tank Id: 2
Tank Status: Currently In Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-102158
Tank Id: R-2
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-102158
Tank Id: R-4
Tank Status: Permanently Out of Use
FRTYPE: Guarantee
Expiration Date: 03/29/2013

Alt Facility ID: 9-102158
Tank Id: R-3
Tank Status: Permanently Out of Use
FRTYPE: Guarantee
Expiration Date: 03/29/2013

Alt Facility ID: 9-102158
Tank Id: R-2
Tank Status: Permanently Out of Use
FRTYPE: Guarantee

TESORO 2GO # 61024 (Continued) **U001235754**

Expiration Date: 03/29/2013

Alt Facility ID: 9-102158
Tank Id: 2
Tank Status: Currently In Use
FRTYPE: Guarantee
Expiration Date: 03/29/2013

Alt Facility ID: 9-102158
Tank Id: 1
Tank Status: Currently In Use
FRTYPE: Guarantee
Expiration Date: 03/29/2013

Alt Facility ID: 9-102158
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Guarantee
Expiration Date: 03/29/2013

Alt Facility ID: 9-102158
Tank Id: 3
Tank Status: Currently In Use
FRTYPE: Guarantee
Expiration Date: 03/29/2013

Alt Facility ID: 9-102158
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 09/25/2014

Alt Facility ID: 9-102158
Tank Id: 1
Tank Status: Currently In Use
FRTYPE: Insurance
Expiration Date: 09/25/2014

Alt Facility ID: 9-102158
Tank Id: 2
Tank Status: Currently In Use
FRTYPE: Insurance
Expiration Date: 09/25/2014

Alt Facility ID: 9-102158
Tank Id: R-3
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 09/25/2014

Alt Facility ID: 9-102158
Tank Id: 3
Tank Status: Currently In Use
FRTYPE: Insurance
Expiration Date: 09/25/2014

Alt Facility ID: 9-102158

TESORO 2GO # 61024 (Continued) **U001235754**

Tank Id:	R-2
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	09/25/2014
Alt Facility ID:	9-102158
Tank Id:	R-4
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	09/25/2014

T116 **TESORO HAWAII CORPORATION** **RCRA-CESQG** **1000388929**
NNE **759 S KING STREET** **FINDS** **HID981652704**
1/8-1/4 **HONOLULU, HI 96813**
0.194 mi.
1023 ft. **Site 3 of 5 in cluster T**

Relative:
Higher

Actual:
7 ft.

RCRA-CESQG:

Date form received by agency:	03/04/2005
Facility name:	TESORO HAWAII CORPORATION
Facility address:	759 S KING STREET HONOLULU, HI 96813
EPA ID:	HID981652704
Mailing address:	3450 S 344TH WAY SUITE 201 AUBURN, WA 98001
Contact:	JOCK D STREIDL
Contact address:	3450 S 344TH WAY SUITE 201 AUBURN, WA 98001
Contact country:	US
Contact telephone:	253-896-8818
Contact email:	Not reported
EPA Region:	09
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	CASTLE FAMILY LTD PARTNERSHIP
Owner/operator address:	1199 AULOA ROAD KAILUA, HI 96734
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner

TESORO HAWAII CORPORATION (Continued) **1000388929**

Owner/Op start date: 07/20/2001
Owner/Op end date: Not reported

Owner/operator name: TESORO HAWAII CORPORATION
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 10/27/1999
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 12/10/1993
Site name: PRESTIGE AUTO CARE INC
Classification: Not a generator, verified

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

Violation Status: No violations found

FINDS:

Registry ID: 110005724591

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

STATE MASTER

N117 SSE 1/8-1/4 0.202 mi. 1066 ft. | **HAWAII OPERA THEATER SETS & PROPS WAREHOUSE**
962 KAWAIAHAO ST
HONOLULU, HI

Site 11 of 13 in cluster N

HI SHWS | **S115488700**
HI SPILLS | **N/A**
HI ENG CONTROLS
HI INST CONTROL

Relative: Higher

Actual: 3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Hawaii Opera Theater Sets & Props Warehouse
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	Not reported
Program:	State
Project Manager:	Steve Mow
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Hawaii Opera Theater Sets & Props Warehouse
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	Not reported
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Ongoing
Nature of Contamination:	Found: Capped petroleum and lead contamination.
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Not reported
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	04/26/2012
Document Number:	2012-261-SPM
Document Subject:	No Further Action Determination with Institutional Controls for Hawaii Opera Theater Sets & Props Wa
Project Manager:	Steve Mow
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20120201-1355
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R
ER:	None
Units:	Hawaii Opera Theatre Prop Warehouse
Substances:	Benzopyrene
Less Or Greater Than:	Not reported
Numerical Quantity:	0
Units:	Not reported
Activity Type:	Response

HAWAII OPERA THEATER SETS & PROPS WAREHOUSE (Continued) **S115488700**

Activity Lead:	Curtis Martin
Assignment End Date:	Not reported
Result:	Not reported
File Under:	Hawaii Opera Theater Sets & Props Warehouse

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20120201-1355
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R
ER:	None
Units:	Hawaii Opera Theatre Prop Warehouse
Substances:	TPH
Less Or Greater Than:	Not reported
Numerical Quantity:	0
Units:	Not reported
Activity Type:	Response
Activity Lead:	Curtis Martin
Assignment End Date:	Not reported
Result:	Not reported
File Under:	Hawaii Opera Theater Sets & Props Warehouse

ENG CONTROLS:

Supplemental Location Text:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Potential Hazards And Controls:	Hazard Managed With Controls
Engineering Control:	Engineering Control Required

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

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Q118
SE
1/8-1/4
0.203 mi.
1073 ft.

GM AUTOMOTIVE CENTER INC **RCRA-CESQG** **1000160221**
1918 B ALGAROBA ST **FINDS** **HID981674591**
HONOLULU, HI 96826

Site 2 of 4 in cluster Q

Relative:
Higher

Actual:
3 ft.

RCRA-CESQG:

Date form received by agency:	07/21/1993
Facility name:	GM AUTOMOTIVE CENTER INC
Facility address:	1918 B ALGAROBA ST HONOLULU, HI 96826
EPA ID:	HID981674591
Mailing address:	P O BOX 1401 HONOLULU, HI 96807
Contact:	MORRIS RYUSAKI
Contact address:	1918 B ALGAROBA ST HONOLULU, HI 96826
Contact country:	US
Contact telephone:	(808) 942-4358
Contact email:	Not reported

GM AUTOMOTIVE CENTER INC (Continued) **1000160221**

EPA Region:	09
Land type:	Other land type
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

GM AUTOMOTIVE CENTER INC (Continued) **1000160221**

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/13/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005725439

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

O119 **GENSIRO KAWAMOTO** **HI LUST** **U003154744**
WNW **630 KEAWE ST** **HI UST** **N/A**
1/8-1/4 **HONOLULU, HI 96800**
0.206 mi.
1088 ft. **Site 3 of 4 in cluster O**

Relative:
Higher

Actual:
3 ft.

LUST:
Facility ID: 9-102965
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 08/30/2005
Release ID: 940173
Project Officer: Richard Takaba

UST:
Facility ID: 9-102965
Owner: GENSIRO KAWAMOTO C/O MS. CAROL Y. ASAI-SATO
Owner Address: ALSTON HUNT FLOYD & ING1001 BISHOP ST, 18TH FLR
Owner City,St,Zip: Honolulu, 96800 96800
Latitude: 21.3014
Longitude: -157.858
Horizontal Reference Datum Name: NAD83

Tank ID: 1
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 08/01/1994
Tank Capacity: 4000
Substance: Diesel

Tank ID: 2
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 08/01/1994
Tank Capacity: 2000

GENSIRO KAWAMOTO (Continued) **U003154744**

Substance: Gasoline

Tank ID: 3
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 08/01/1994
Tank Capacity: 550
Substance: Used Oil

N120 SSE 1/8-1/4 0.210 mi. 1108 ft. **VICTORIA WARD LTD** **RCRA-SQG 1001493014**
956 QUEEN ST **FINDS HIR000055517**
HONOLULU, HI 96813

Site 12 of 13 in cluster N

Relative: Higher

Actual: 3 ft.

RCRA-SQG:
Date form received by agency: 08/13/1999
Facility name: VICTORIA WARD LTD
Facility address: 956 QUEEN ST
HONOLULU, HI 96813
EPA ID: HIR000055517
Contact: H MITCHELL DOLIER
Contact address: 1210 AUAHI ST SUITE 115
HONOLULU, HI 968144922
Contact country: US
Contact telephone: (808) 591-8411
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: VICTORIA WARD LTD
Owner/operator address: 956 QUEEN ST
HONOLULU, HI 96813
Owner/operator country: Not reported
Owner/operator telephone: (808) 591-8411
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

VICTORIA WARD LTD (Continued) **1001493014**

Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/27/2009
Date achieved compliance: 04/15/2014
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/27/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 01/27/2009
Date achieved compliance: 04/15/2014
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/27/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 01/27/2009
Date achieved compliance: 04/15/2014
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/27/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - General Information
Date violation determined: 01/27/2009
Date achieved compliance: 04/15/2014
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

VICTORIA WARD LTD (Continued) **1001493014**

Enforcement action date: 01/27/2009
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 01/02/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 04/15/2014
Evaluation lead agency: State

Evaluation date: 01/02/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 04/15/2014
Evaluation lead agency: State

Evaluation date: 01/02/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/15/2014
Evaluation lead agency: State

Evaluation date: 01/02/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Permits - General Information
Date achieved compliance: 04/15/2014
Evaluation lead agency: State

FINDS:

Registry ID: 110005730520

Environmental Interest/Information System

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

STATE MASTER

U121
West
1/8-1/4
0.210 mi.
1108 ft.

670 HALEKAUWILA ST
HONOLULU, HI 96813

Site 1 of 3 in cluster U

EDR US Hist Auto Stat **1015596074**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: PRECISION MOTORWORKS
Year: 2002
Address: 670 HALEKAUWILA ST

N122
SSE
1/8-1/4
0.212 mi.
1119 ft.

967 KAWAIAHAO ST
HONOLULU, HI 96814

Site 13 of 13 in cluster N

EDR US Hist Auto Stat **1015685731**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: BARDOS AUTO HAUS
Year: 2001
Address: 967 KAWAIAHAO ST

Name: BARDOS AUTO HAUS
Year: 2002
Address: 967 KAWAIAHAO ST

Name: BARDOS AUTO HAUS
Year: 2003
Address: 967 KAWAIAHAO ST

Name: BREEZE AUTO AIR CONDITIONING
Year: 2004
Address: 967 KAWAIAHAO ST

Name: BREEZE AUTO AIR CONDITIONING
Year: 2005
Address: 967 KAWAIAHAO ST

Name: BARDOS AUTO HAUS
Year: 2006
Address: 967 KAWAIAHAO ST

Name: BARDOS AUTO HAUS
Year: 2007
Address: 967 KAWAIAHAO ST

Name: BARDOS AUTO HAUS
Year: 2008
Address: 967 KAWAIAHAO ST

Name: BARDOS AUTO HAUS
Year: 2009
Address: 967 KAWAIAHAO ST

Name: B B AUTO HAUS LTD
Year: 2010
Address: 967 KAWAIAHAO ST

S123 WSW 1/8-1/4 0.212 mi. 1120 ft. — **HAWAII COMMUNITY DEVELOPMENT AUTHORITY**, **524 COOKE ST**, **HONOLULU, HI 96813** — **HI UST** — **U001235907** / **N/A**

Site 3 of 4 in cluster S

Relative: Higher

Actual: 3 ft.

UST:

Facility ID:	9-102417
Owner:	STATE DBEDT - HAWAII COMM DEVELOPMENT AUTHORITY
Owner Address:	677 ALA MOANA BLVD, SUITE 1001
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	Not reported
Longitude:	Not reported
Horizontal Reference Datum Name:	Not reported

Tank ID:	1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	1000
Substance:	Gasoline

Tank ID:	2
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	1000
Substance:	Gasoline

O124 WNW 1/8-1/4 0.217 mi. 1148 ft. — **GENSIRO KAWAMOTO**, **627 QUEEN ST**, **HONOLULU, HI 96800** — **HI LUST**, **HI UST** — **U003154743** / **N/A**

Site 4 of 4 in cluster O

Relative: Higher

Actual: 6 ft.

LUST:

Facility ID:	9-102963
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	08/30/2005
Release ID:	940174
Project Officer:	Richard Takaba

UST:

Facility ID:	9-102963
Owner:	GENSIRO KAWAMOTO C/O MS. CAROL Y. ASAI-SATO
Owner Address:	ALSTON HUNT FLOYD & ING1001 BISHOP ST, 18TH FLR
Owner City,St,Zip:	Honolulu, 96800 96800
Latitude:	21.3017
Longitude:	-157.858
Horizontal Reference Datum Name:	NAD83

Tank ID:	1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	08/01/1994
Tank Capacity:	12000
Substance:	Gasoline

GENSIRO KAWAMOTO (Continued) **U003154743**

Tank ID: 2
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 08/01/1994
Tank Capacity: 12000
Substance: Gasoline

Tank ID: 3
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 08/01/1994
Tank Capacity: 3000
Substance: Diesel

Tank ID: 4
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 08/01/1994
Tank Capacity: 4000
Substance: Diesel

V125 **RAY'S AUTO SERVICE** **HI LUST** **U001235980**
SSE **959 QUEEN ST** **HI UST** **N/A**
1/8-1/4 **HONOLULU, HI 96814**
0.218 mi.
1151 ft. **Site 1 of 3 in cluster V**

Relative:
Higher

Actual:
3 ft.

LUST:
Facility ID: 9-102612
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 11/16/1993
Release ID: 930065
Project Officer: Raymond Seid

UST:
Facility ID: 9-102612
Owner: RAYMOND TAMURA
Owner Address: RAY'S AUTO SERVICE / 959 QUEEN ST
Owner City,St,Zip: Honolulu, 96814 96814
Latitude: 21.2966
Longitude: -157.854
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: 09/30/1986
Tank Status: **Permanently Out of Use**
Date Closed: 02/11/1993
Tank Capacity: 500
Substance: Used Oil

V126 **EDR US Hist Auto Stat** **1015684230**
SSE **959 QUEEN ST** **N/A**
1/8-1/4 **HONOLULU, HI 96814**
0.218 mi.
1151 ft. **Site 2 of 3 in cluster V**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: RAYS TRANSMISSION SERVICE CENTER
Year: 1999
Address: 959 QUEEN ST

Name: RAYS AUTO SERVICE
Year: 2002
Address: 959 QUEEN ST

Name: RAYS TRANSMISSION SERVICE
Year: 2003
Address: 959 QUEEN ST

Name: RAYS TRANSMISSION SRVC CTR LLC
Year: 2004
Address: 959 QUEEN ST

Name: RAYS TRANSMISSION SVC CTR LLC
Year: 2010
Address: 959 QUEEN ST

Name: RAYS TRANSMISSION SERVICE CENTER LL
Year: 2011
Address: 959 QUEEN ST

Name: RAYS TRANSMISSION SERVICE CENTER LL
Year: 2012
Address: 959 QUEEN ST

W127 **CIVIC CENTER PARKING STRUCTURE** **HI UST** **U001235059**
North **1100 ALAPAI ST** **HI Financial Assurance** **N/A**
1/8-1/4 **HONOLULU, HI 96813**
0.220 mi.
1164 ft. **Site 1 of 4 in cluster W**

Relative:
Higher

Actual:
9 ft.

UST:

Facility ID: 9-100121
Owner: C&C HNL - DEPT OF FACILITY MAINTENANCE
Owner Address: 1000 ULUOHIA ST, SUITE 215
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3049
Longitude: -157.853
Horizontal Reference Datum Name: NAD83

Tank ID: 87A
Date Installed: 05/13/1979
Tank Status: **Currently in Use**
Date Closed: Not reported
Tank Capacity: 1000
Substance: Gasoline

Tank ID: 87B
Date Installed: 05/13/1979

CIVIC CENTER PARKING STRUCTURE (Continued) **U001235059**

Tank Status:	**Currently in Use**
Date Closed:	Not reported
Tank Capacity:	1000
Substance:	Gasoline

HI Financial Assurance:

Alt Facility ID:	9-100121
Tank Id:	87B
Tank Status:	Currently in Use
FRTYPE:	Other
Expiration Date:	06/30/2013

Alt Facility ID:	9-100121
Tank Id:	87A
Tank Status:	Currently in Use
FRTYPE:	Other
Expiration Date:	06/30/2013

W128 **CIVIC CENTER PARKING STRUCTURE** **RCRA NonGen / NLR** **1014916450**
North **1100 ALAPAI ST** **FINDS** **HIP000140566**
1/8-1/4 **HONOLULU, HI 96813**
0.220 mi.
1164 ft. **Site 2 of 4 in cluster W**

Relative:
Higher

Actual:
9 ft.

RCRA NonGen / NLR:

Date form received by agency:	01/12/2012
Facility name:	CIVIC CENTER PARKING STRUCTURE
Facility address:	1100 ALAPAI ST HONOLULU, HI 96813
EPA ID:	HIP000140566
Mailing address:	455 KOKEA ST HONOLULU, HI 96817
Contact:	CHARLES K WOODWARD
Contact address:	455 KOKEA ST HONOLULU, HI 96817
Contact country:	US
Contact telephone:	(808) 768-7731
Contact email:	CWOODWARD@HONOLULU.GOV
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	CITY AND COUNTY OF HONOLULU
Owner/operator address:	1000 ULUOHIA ST SUITE 255 KAPOLEI, HI 96707
Owner/operator country:	US
Owner/operator telephone:	(808) 768-3343
Legal status:	County
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1975
Owner/Op end date:	Not reported

Owner/operator name:	CITY AND COUNTY OF HONOLULU
Owner/operator address:	1000 ULUOHIA ST SUITE 255 KAPOLEI, HI 96707
Owner/operator country:	US

CIVIC CENTER PARKING STRUCTURE (Continued) **1014916450**

Owner/operator telephone: (808) 768-3343
Legal status: County
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1975
Owner/Op end date: Not reported

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

Historical Generators:
Date form received by agency: 09/30/2011
Site name: CIVIC CENTER PARKING STRUCTURE
Classification: Small Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110044939715

Environmental Interest/Information System
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STATE MASTER

W129 **HONOLULU MUNICIPAL BLDG** **HI UST** **U001235060**
North **650 S KING ST** **HI Financial Assurance** **N/A**
1/8-1/4 **HONOLULU, HI 96813**
0.221 mi.
1167 ft. **Site 3 of 4 in cluster W**

Relative:
Higher

Actual:
8 ft.

UST:
Facility ID: 9-100122
Owner: C &C of Honolulu, Frank Fasi Municipal Bldg
Owner Address: 650 S. King St,
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3042

HONOLULU MUNICIPAL BLDG (Continued) **U001235060**

Longitude: -157.855
Horizontal Reference Datum Name: NAD83

Tank ID: M-1
Date Installed: 09/01/1994
Tank Status: Currently in Use
Date Closed: Not reported
Tank Capacity: 12000
Substance: Diesel

Tank ID: R-1
Date Installed: 04/01/1975
Tank Status: Permanently Out of Use
Date Closed: 03/01/1994
Tank Capacity: 10000
Substance: Diesel

HI Financial Assurance:
Alt Facility ID: 9-100122
Tank Id: M-1
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: 06/30/2012

Alt Facility ID: 9-100122
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: 06/30/2012

Q130 **TRANSMISSION SERVICE OF HAWAII** **RCRA NonGen / NLR** **1000320249**
SSE **972 KAWAIAHAO ST** **FINDS** **HID982049637**
1/8-1/4 **HONOLULU, HI 96814**
0.222 mi.
1171 ft. **Site 3 of 4 in cluster Q**

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:
Date form received by agency: 10/16/1987
Facility name: TRANSMISSION SERVICE OF HAWAII
Facility address: 972 KAWAIAHAO ST
HONOLULU, HI 96814
EPA ID: HID982049637
Mailing address: KAWAIAHAO ST
HONOLULU, HI 96814
Contact: ENVIRONMENTAL MANAGER
Contact address: 972 KAWAIAHAO ST
HONOLULU, HI 96814
Contact country: US
Contact telephone: (808) 536-6337
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

TRANSMISSION SERVICE OF HAWAII (Continued) **1000320249**

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date:	12/21/1995
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

FINDS:

Registry ID: 110005726223

Environmental Interest/Information System

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TRANSMISSION SERVICE OF HAWAII (Continued) **1000320249**

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

Q131 **EDR US Hist Auto Stat** **1015686654**
SSE **972 KAWAIAHAO ST** **N/A**
1/8-1/4 **HONOLULU, HI 96814**
0.222 mi.
1171 ft. **Site 4 of 4 in cluster Q**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: RODS AUTO SERVICE
Year: 1999
Address: 972 KAWAIAHAO ST

Name: RODS AUTO SERVICE
Year: 2001
Address: 972 KAWAIAHAO ST

Name: RODS AUTO SERVICE
Year: 2002
Address: 972 KAWAIAHAO ST

Name: RODS AUTO SERVICE INC
Year: 2003
Address: 972 KAWAIAHAO ST

Name: RODS AUTO SERVICE INC
Year: 2004
Address: 972 KAWAIAHAO ST

Name: RODS AUTO SERVICE
Year: 2005
Address: 972 KAWAIAHAO ST

Name: RODS AUTO SERVICE INC
Year: 2006
Address: 972 KAWAIAHAO ST

Name: RODS AUTO SERVICE INC
Year: 2007
Address: 972 KAWAIAHAO ST

Name: RODS AUTO SERVICE INC
Year: 2008
Address: 972 KAWAIAHAO ST

Name: RODS AUTO SVC
Year: 2010
Address: 972 KAWAIAHAO ST

Name: RODS AUTO SERVICE
Year: 2011
Address: 972 KAWAIAHAO ST

Name: RODS AUTO SERVICE
Year: 2012
Address: 972 KAWAIAHAO ST

T132 NE 1/8-1/4 0.228 mi. 1205 ft. | **ONE ARCHER LANE**
801 S KING ST
HONOLULU, HI 96813

Site 4 of 5 in cluster T

HI SHWS | **1006818981**
HI SPILLS | **N/A**

Relative: Higher

Actual: 10 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	One Archer Lane Petroleum Contamination
HID Number:	Not reported
Facility Registry Identifier:	110013767414
Lead Agency:	SHWB
Program:	State
Project Manager:	Eric Sadoyama
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	One Archer Lane Petroleum Contamination
HID Number:	Not reported
Facility Registry Identifier:	110013767414
Lead Agency:	SHWB
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	NFA
Assessment:	Assessment Ongoing
Response:	Not reported
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Not reported
Use Restrictions:	Undetermined
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action - Type Undetermined
Document Date:	01/10/2006
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Eric Sadoyama
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20011013-1451
HID Number:	Not reported
Facility Registry Id:	110013767414
Lead and Program:	HEER EP&R
ER:	Site Visit
Units:	1 Archer Lane, Honolulu, White Powder-Anthrax Scare
Substances:	Unknown white powder possibily containing a bioterrorism agent anthrax
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Bill Perry

ONE ARCHER LANE (Continued) **1006818981**

Assignment End Date:	Not reported
Result:	SOSC NFA
File Under:	Myers King Street Partners

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19960724-1544
HID Number:	Not reported
Facility Registry Id:	110013767414
Lead and Program:	HEER EP&R
ER:	No
Units:	One Archer Lane, petroleum contamination
Substances:	Petroleum
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Terry Corpus
Assignment End Date:	Not reported
Result:	Refer to ISST
File Under:	Myers King Street Partners

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19961002-1100
HID Number:	Not reported
Facility Registry Id:	110013767414
Lead and Program:	HEER EP&R
ER:	No
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
Activity Lead:	Terry Corpus
Assignment End Date:	Not reported
Result:	Refer to ISST
File Under:	Myers King Street Partners

T133 **ONE ARCHER LANE (FORMERLY KING STREET CARWASH)** **HI LUST** **U003221738**
NE **809 S KING ST** **HI UST** **N/A**
1/8-1/4 **HONOLULU, HI 96800**
0.231 mi.
1221 ft. **Site 5 of 5 in cluster T**

Relative:
Higher

Actual:
10 ft.

LUST:

Facility ID:	9-102451
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	03/01/1995
Release ID:	920002
Project Officer:	Eric Sadoyama

Facility ID:	9-102451
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	02/10/1997
Release ID:	970002
Project Officer:	Eric Sadoyama

ONE ARCHER LANE (FORMERLY KING STREET CARWASH) (Continued) **U003221738**

UST:

Facility ID:	9-102451
Owner:	SCHUBERT INDUSTRIES
Owner Address:	P.O. BOX 3443
Owner City,St,Zip:	Honolulu, 96800 96800
Latitude:	21.3024
Longitude:	-157.852
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-2
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-3
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-4
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	10/02/1996
Tank Capacity:	300
Substance:	Not Listed

R134 **EDR US Hist Auto Stat** **1015641035**
SW **805 POHUKAINA ST** **N/A**
1/8-1/4 **HONOLULU, HI 96813**
0.232 mi.
1225 ft. **Site 2 of 9 in cluster R**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name:	EUROPEAN AUTO SPECIALISTS
Year:	1999
Address:	805 POHUKAINA ST

Name:	ELITE AUTO SERVICE
Year:	2001
Address:	805 POHUKAINA ST

Name:	ELITE AUTO SERVICE
Year:	2002

(Continued) **1015641035**

Address: 805 POHUKAINA ST

Name: ELITE AUTO SERVICE
Year: 2003
Address: 805 POHUKAINA ST

Name: EUROPEAN AUTO SPECIALISTS
Year: 2005
Address: 805 POHUKAINA ST

Name: EUROPEAN AUTO SPECIALISTS
Year: 2007
Address: 805 POHUKAINA ST

Name: EUROPEAN AUTO SPECIALISTS
Year: 2008
Address: 805 POHUKAINA ST

Name: EUROPEAN AUTO SPECIALISTS
Year: 2009
Address: 805 POHUKAINA ST

Name: EUROPEAN AUTO SPECIALISTS
Year: 2010
Address: 805 POHUKAINA ST

S135 **COOKE STREET LEAD CONTAMINATION** **HI SHWS** **1006820105**
WSW **501 COOKE ST** **HI ENG CONTROLS** **N/A**
1/8-1/4 **HONOLULU, HI 96813** **HI INST CONTROL**
0.232 mi.
1226 ft. **Site 4 of 4 in cluster S**

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Cooke Street Lead Contamination
HID Number:	Not reported
Facility Registry Identifier:	110013780051
Lead Agency:	HEER
Program:	State
Project Manager:	Steve Mow
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Cooke Street Lead Contamination
HID Number:	Not reported
Facility Registry Identifier:	110013780051
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: lead in soil
Nature of Residual Contamination:	lead in soil above 400 ppm, under cap.

COOKE STREET LEAD CONTAMINATION (Continued) **1006820105**

Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Prohibit Any Activity That May Disturb the Integrity of the Capping System
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	05/11/2005
Document Number:	2005-254-SPM
Document Subject:	Cap Maintenance Requirement at 501 Cooke St
Project Manager:	Steve Mow
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

ENG CONTROLS:

Supplemental Location Text:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Potential Hazards And Controls:	Hazard Managed With Controls
Engineering Control:	Engineering Control Required

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

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R136 **RED AND WHITE FOODS INC** **RCRA NonGen / NLR** **1000906707**
SW **834 POHUKAINA ST** **FINDS** **HI0000132639**
1/8-1/4 **HONOLULU, HI 96813**
0.235 mi.
1239 ft. **Site 3 of 9 in cluster R**

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:

Date form received by agency:	02/22/1994
Facility name:	RED AND WHITE FOODS INC
Facility address:	834 POHUKAINA ST HONOLULU, HI 96813
EPA ID:	HI0000132639
Mailing address:	POHUKAINA ST HONOLULU, HI 96813
Contact:	CONSTANCE GOTO
Contact address:	834 POHUKAINA ST HONOLULU, HI 96813
Contact country:	US
Contact telephone:	(808) 591-2091
Contact email:	Not reported
EPA Region:	09
Land type:	Private
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	RED AND WHITE FOODS INC
Owner/operator address:	834 POHUKAINA ST HONOLULU, HI 96813

RED AND WHITE FOODS INC (Continued) **1000906707**

Owner/operator country: Not reported
Owner/operator telephone: (808) 591-2091
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 02/12/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005721825

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

STATE MASTER

R137 SW 1/8-1/4 0.235 mi. 1239 ft. | **HONOLULU SHIP SUPPLY**
834 POHUKAINA ST
HONOLULU, HI 96813

HI LUST **U003832856**
HI UST **N/A**

Site 4 of 9 in cluster R

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-103735
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	12/27/2001
Release ID:	940090
Project Officer:	Shunsheng Fu

UST:

Facility ID:	9-103735
Owner:	DCL - HONOLULU SHIP SUPPLY CO.
Owner Address:	506 AHUI ST
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.2972
Longitude:	-157.857
Horizontal Reference Datum Name:	NAD83
Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	01/12/1994
Tank Capacity:	550
Substance:	Diesel

R138 SW 1/8-1/4 0.238 mi. 1256 ft. | **PRECISION AIR CONDITIONING INC**
841 POHUKAINA ST UNIT D
HONOLULU, HI 96813

RCRA-CESQG **1004688979**
FINDS **HIR000050153**

Site 5 of 9 in cluster R

Relative: Higher

Actual: 3 ft.

RCRA-CESQG:

Date form received by agency:	03/15/1999
Facility name:	PRECISION AIR CONDITIONING INC
Facility address:	841 POHUKAINA ST UNIT D HONOLULU, HI 96813
EPA ID:	HIR000050153
Contact:	TOBY SHINOGI
Contact address:	841 POHUKAINA ST UNIT D HONOLULU, HI 96813
Contact country:	US
Contact telephone:	(808) 591-0410
Contact email:	Not reported
EPA Region:	09
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any

PRECISION AIR CONDITIONING INC (Continued) **1004688979**

time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name:	FREDDIE OBRERO
Owner/operator address:	841 POHUKAINA ST UNIT D HONOLULU, HI 96813
Owner/operator country:	Not reported
Owner/operator telephone:	(808) 591-0410
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

Waste code: D001

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

Violation Status: No violations found

FINDS:

Registry ID: 110005730263

Environmental Interest/Information System

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PRECISION AIR CONDITIONING INC (Continued) **1004688979**

STATE MASTER

R139
SW
1/8-1/4
0.238 mi.
1256 ft.

841 POHUKAINA ST
HONOLULU, HI 96813

Site 6 of 9 in cluster R

EDR US Hist Cleaners **1015100598**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Cleaners:

Name: LIONS CLEANING & MAINTENANCE INC
Year: 2011
Address: 841 POHUKAINA ST

Name: LIONS CLEANING & MAINTENANCE INC
Year: 2012
Address: 841 POHUKAINA ST

X140
SSW
1/8-1/4
0.240 mi.
1265 ft.

350 WARD AVE
HONOLULU, HI 96814

Site 1 of 3 in cluster X

EDR US Hist Auto Stat **1015442350**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: AUTOW TOWING & ROADSIDE SVC
Year: 2010
Address: 350 WARD AVE

X141
SSW
1/8-1/4
0.240 mi.
1265 ft.

350 WARD AVE
HONOLULU, HI 96814

Site 2 of 3 in cluster X

EDR US Hist Cleaners **1015047668**
N/A

Relative:
Higher

Actual:
3 ft.

EDR Historical Cleaners:

Name: EXEC CARPET CLEANING OF HAWAII
Year: 2002
Address: 350 WARD AVE

Name: EXEC CARPET CLEANING OF HAWAII
Year: 2003
Address: 350 WARD AVE

Name: EXEC CARPET CLEANING OF HAWAII
Year: 2004
Address: 350 WARD AVE

Name: EXECUTIVE CARPET CLEANING OF HAWAII
Year: 2005
Address: 350 WARD AVE

Name: EXECUTIVE CARPET CLEANING OF HAWAII
Year: 2006
Address: 350 WARD AVE

R142 SW 1/8-1/4 0.240 mi. 1266 ft. | **YORK INTERNATIONAL INC**
851 POHUKAINA ST NO D
HONOLULU, HI 96813

Site 7 of 9 in cluster R

RCRA-SQG FINDS | **1001218492 HIR000035154**

Relative: Higher

Actual: 3 ft.

RCRA-SQG:

Date form received by agency:	01/08/1998
Facility name:	YORK INTERNATIONAL INC
Facility address:	851 POHUKAINA ST NO D HONOLULU, HI 96813
EPA ID:	HIR000035154
Contact:	MARK YOSHIZU
Contact address:	851 POHUKAINA ST NO D HONOLULU, HI 96813
Contact country:	US
Contact telephone:	(808) 596-0761
Contact email:	Not reported
EPA Region:	09
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	YORK INTERNATIONAL CORP
Owner/operator address:	P O BOX 1592 YORK, PA 17405
Owner/operator country:	Not reported
Owner/operator telephone:	(717) 771-7890
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

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

Hazardous Waste Summary:

Waste code:	F002
Waste name:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

YORK INTERNATIONAL INC (Continued) **1001218492**

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Facility Has Received Notices of Violations:

Regulation violated:	F - 262.10-12.A
Area of violation:	Generators - General
Date violation determined:	04/02/1998
Date achieved compliance:	05/19/1998
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	04/21/1998
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	F - 262.44.D
Area of violation:	Generators - General
Date violation determined:	04/02/1998
Date achieved compliance:	05/19/1998
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	04/21/1998
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated:	F - 262.20-23.B
Area of violation:	Generators - General
Date violation determined:	04/02/1998
Date achieved compliance:	05/19/1998
Violation lead agency:	State
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	04/21/1998
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	State
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Evaluation Action Summary:

Evaluation date:	06/15/2007
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported

YORK INTERNATIONAL INC (Continued) **1001218492**

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/18/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/19/1998
Evaluation lead agency: State

FINDS:

Registry ID: 110005729925

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

STATE MASTER

R143 **EDR US Hist Cleaners** **1015101286**
SW **851 POHUKAINA ST** **N/A**
1/8-1/4 **HONOLULU, HI 96813**
0.240 mi.
1266 ft. **Site 8 of 9 in cluster R**

Relative:
Higher

Actual:
3 ft.

EDR Historical Cleaners:

Name: CAESARS CLEANERS
Year: 2010
Address: 851 POHUKAINA ST

Name: CAESARS 393 CLEANERS
Year: 2011
Address: 851 POHUKAINA ST

Name: CAESARS CLEANERS
Year: 2011
Address: 851 POHUKAINA ST

Name: CAESARS CLEANERS
Year: 2012
Address: 851 POHUKAINA ST

Name: CAESARS 393 CLEANERS
Year: 2012
Address: 851 POHUKAINA ST

U144 West 1/8-1/4 0.244 mi. 1290 ft. | **AMELCO CORPORATION** | **CERC-NFRAP** | **1003879447**
645 HALEKAUWILA STREET | **HID984466383**
HONOLULU, HI 96813

Site 2 of 3 in cluster U

Relative: Higher

Actual: 3 ft.

CERC-NFRAP:

Site ID:	0903613
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13037271.00000
Person ID:	9000059.00000

CERCLIS-NFRAP Assessment History:

Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	11/05/91
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information
Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	11/05/91
Priority Level:	Not reported
Action:	DISCOVERY
Date Started:	/ /
Date Completed:	10/09/90
Priority Level:	Not reported

R145 SW 1/8-1/4 0.246 mi. 1300 ft. | **HAWAII MOTOR REBUILDERS INC** | **RCRA-CESQG FINDS** | **1004688781**
831 B POHUKAINA ST | **HID981629397**
HONOLULU, HI 96813

Site 9 of 9 in cluster R

Relative: Higher

Actual: 3 ft.

RCRA-CESQG:

Date form received by agency:	11/24/1993
Facility name:	HAWAII MOTOR REBUILDERS INC
Facility address:	831 B POHUKAINA ST HONOLULU, HI 96813
EPA ID:	HID981629397
Mailing address:	PO BOX 3052 HONOLULU, HI 96802
Contact:	SUSAN SUENAGA
Contact address:	831 B POHUKAINA ST HONOLULU, HI 96813
Contact country:	US
Contact telephone:	(808) 537-3935
Contact email:	Not reported
EPA Region:	09
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or

HAWAII MOTOR REBUILDERS INC (Continued) **1004688781**

other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Violation Status: No violations found

FINDS:

Registry ID: 110005724083

Environmental Interest/Information System

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

HAWAII MOTOR REBUILDERS INC (Continued) **1004688781**

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.

V146 **EDR US Hist Auto Stat** **1015687944**
SSE **980 QUEEN ST** **N/A**
1/8-1/4 **HONOLULU, HI 96814**
0.248 mi.
1310 ft. **Site 3 of 3 in cluster V**

Relative:
Higher

Actual:
3 ft.

EDR Historical Auto Stations:

Name: MARVS AUTO REPAIR
Year: 1999
Address: 980 QUEEN ST

Name: MARVS AUTO REPAIR
Year: 2001
Address: 980 QUEEN ST

Name: MARVS AUTO REPAIR
Year: 2002
Address: 980 QUEEN ST

Name: MARVS AUTO REPAIR
Year: 2003
Address: 980 QUEEN ST

Name: MARVS AUTO REPAIR
Year: 2004
Address: 980 QUEEN ST

Name: QUEENS FAST LUBE AND RADIATOR
Year: 2005
Address: 980 QUEEN ST

Name: MARVS AUTO REPAIR
Year: 2006
Address: 980 QUEEN ST

Name: QUEENS FAST LUBE & RADIATOR
Year: 2007
Address: 980 QUEEN ST

Name: QUEENS FAST LUBE & RADIATOR
Year: 2008
Address: 980 QUEEN ST

Name: QUEENS FAST LUBE & REPAIR
Year: 2009
Address: 980 QUEEN ST

X147 SSW 1/4-1/2 0.251 mi. 1324 ft. | **GEM DEPT**
333 WARD AVE
HONOLULU, HI 96800

Site 3 of 3 in cluster X

HI LUST | **U003221642**
HI UST | **N/A**

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-101065
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	11/04/1996
Release ID:	930118
Project Officer:	Roger Brewer

UST:

Facility ID:	9-101065
Owner:	GEM OF HAWAII, INC
Owner Address:	1287 KALANI
Owner City,St,Zip:	Honolulu, 96800 96800
Latitude:	21.2961
Longitude:	-157.856
Horizontal Reference Datum Name:	NAD83
Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	08/02/1993
Tank Capacity:	430
Substance:	Used Oil

Y148 WNW 1/4-1/2 0.252 mi. 1331 ft. | **QUEEN EMMALANI TOWER**
600 QUEEN ST
HONOLULU, HI 96813

Site 1 of 4 in cluster Y

CERC-NFRAP | **1000688441**
RCRA NonGen / NLR | **HID982442394**
FINDS
HI SHWS
HI SPILLS
HI ENG CONTROLS
HI INST CONTROL

Relative: Higher

Actual: 7 ft.

CERC-NFRAP:

Site ID:	0903920
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13037379.00000
Person ID:	9000059.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name:	QUEEN EMMALANI TOWER
Alias Address:	QUEEN & SOUTH STREET HONOLULU, OAHU, HI 85546

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	/ /
Date Completed:	06/04/91
Priority Level:	Not reported

QUEEN EMMALANI TOWER (Continued) **1000688441**

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 10/11/94
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 10/11/94
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

RCRA NonGen / NLR:
Date form received by agency: 05/07/1991
Facility name: QUEEN EMMALANI TOWER
Facility address: 600 QUEEN ST
HONOLULU, HI 96813
EPA ID: HID982442394
Mailing address: 436 ENA RD
HONOLULU, HI 96815
Contact: ENVIRONMENTAL MANAGER
Contact address: 600 QUEEN ST
HONOLULU, HI 96813
Contact country: US
Contact telephone: (808) 949-0065
Contact email: Not reported
EPA Region: 09
Land type: Other land type
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

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

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No

QUEEN EMMALANI TOWER (Continued) **1000688441**

Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 01/29/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005726651

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

STATE MASTER

SHWS:
Organization: Not reported
Supplemental Location: Not reported
Island: Oahu
Environmental Interest: Queen Emmalani Tower
HID Number: HID984466698
Facility Registry Identifier: 110005726651
Lead Agency: Not reported
Program: State
Project Manager: Mark Sutterfield
Hazard Priority: NFA
Potential Hazards And Controls: Hazard Managed With Controls
Organization: Not reported
Island: Oahu
Supplemental Location Text: Not reported
SDAR Environmental Interest Name: Queen Emmalani Tower
HID Number: HID984466698
Facility Registry Identifier: 110005726651
Lead Agency: Not reported
Progran Name: State
Potential Hazard And Controls: Hazard Managed With Controls
Priority: NFA

QUEEN EMMALANI TOWER (Continued) **1000688441**

Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Contamination was place under building
Nature of Residual Contamination:	Contaminated (lead and metals) soil removed or capped by building.
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Prohibit Any Activity That May Disturb the Integrity of the Capping System
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	02/01/2006
Document Number:	2006-058-MS
Document Subject:	NFA for areas 1 and 3.
Project Manager:	Mark Sutterfield
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19910807-2
HID Number:	HID984466698
Facility Registry Id:	110005726651
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	Queen Emmalani Tower Development
Substances:	petroleum
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Not reported
Assignment End Date:	Not reported
Result:	Not reported
File Under:	Queen Emmalani Tower

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20060112-0950
HID Number:	HID984466698
Facility Registry Id:	110005726651
Lead and Program:	HEER EP&R
ER:	No
Units:	600 Queen Street Lead Contamination
Substances:	Lead
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Unknown
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	2006-01-12 00:00:00
Result:	Refer to SDAR
File Under:	Queen Emmalani Tower

ENG CONTROLS:

Supplemental Location Text:	Not reported

QUEEN EMMALANI TOWER (Continued) **1000688441**

Zip Suffix: Not reported
Island: Oahu
Potential Hazards And Controls: Hazard Managed With Controls
Engineering Control: Engineering Control Required

INST CONTROL:
Potential hazards and controls: Hazard Managed With Controls
Supplemental Location: Not reported
Zip Suffix: Not reported
Island: Oahu
Institutional Control: Government - Hawaii Dept. of Health Letter Issued

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W149 **MTL BUS FACILITY** **HI LUST** **U001235067**
NNE **1133 ALAPAI ST** **HI UST** **N/A**
1/4-1/2 **HONOLULU, HI 96813**
0.253 mi.
1336 ft. **Site 4 of 4 in cluster W**

Relative:
Higher

Actual:
10 ft.

LUST:
Facility ID: 9-100150
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 10/24/1995
Release ID: 900069
Project Officer: Eric Sadoyama

UST:
Facility ID: 9-100150
Owner: C&C OF HNL - DEPT OF DESIGN AND CONSTRUCTION
Owner Address: 650 S KING ST
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3039
Longitude: -157.854
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: 01/21/1987
Tank Status: **Permanently Out of Use**
Date Closed: Not reported
Tank Capacity: 12000
Substance: Diesel

Tank ID: R-2
Date Installed: 01/21/1987
Tank Status: **Permanently Out of Use**
Date Closed: Not reported
Tank Capacity: 12000
Substance: Diesel

Tank ID: R-3
Date Installed: 01/21/1987
Tank Status: **Permanently Out of Use**
Date Closed: Not reported
Tank Capacity: 6000
Substance: Gasoline

MTL BUS FACILITY (Continued) **U001235067**

Tank ID: R-4
Date Installed: 01/21/1952
Tank Status: Permanently Out of Use
Date Closed: Not reported
Tank Capacity: 4000
Substance: Used Oil

Tank ID: R-A1
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 06/30/1990
Tank Capacity: 4000
Substance: Diesel

Tank ID: R-A2
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 06/30/1991
Tank Capacity: 5000
Substance: Diesel

Tank ID: R-A3
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 06/30/1990
Tank Capacity: 4000
Substance: Diesel

Tank ID: R-A4
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 06/30/1990
Tank Capacity: 4000
Substance: Diesel

Tank ID: R-A5
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 06/30/1990
Tank Capacity: 2000
Substance: Not Listed

Tank ID: R-A6
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 06/30/1990
Tank Capacity: 2000
Substance: Not Listed

Tank ID: R-A7

MTL BUS FACILITY (Continued) **U001235067**

Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 06/30/1990
Tank Capacity: 4000
Substance: Gasoline

Y150
NW
1/4-1/2
0.256 mi.
1354 ft.

AAA HAWAII BUILDING
590 QUEEN ST
HONOLULU, HI 96813

HI LUST **U001235068**
HI UST **N/A**

Site 2 of 4 in cluster Y

Relative:
Higher

Actual:
7 ft.

LUST:
Facility ID: 9-100155
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 11/08/2001
Release ID: 980195
Project Officer: Mark Sutterfield

UST:
Facility ID: 9-100155
Owner: C AND F MACHINERY CORP.
Owner Address: 91-060 HANUA ST
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3027
Longitude: -157.858
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: 03/26/1981
Tank Status: **Permanently Out of Use**
Date Closed: 07/02/1998
Tank Capacity: 8000
Substance: Gasoline

Tank ID: R-2
Date Installed: 03/26/1981
Tank Status: **Permanently Out of Use**
Date Closed: 07/02/1998
Tank Capacity: 8000
Substance: Gasoline

Tank ID: R-3
Date Installed: 03/26/1981
Tank Status: **Permanently Out of Use**
Date Closed: 07/02/1998
Tank Capacity: 8000
Substance: Gasoline

Tank ID: R-4
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 07/02/1998
Tank Capacity: 1000

AAA HAWAII BUILDING (Continued) **U001235068**

Substance: Used Oil

U151
WNW
1/4-1/2
0.259 mi.
1365 ft.

INTERNATIONAL LIFE SUPPORT
633 HALEKAUWILA ST
HONOLULU, HI 96813

HI LUST **U003154624**
HI UST **N/A**

Site 3 of 3 in cluster U

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID:	9-102759
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	06/20/1997
Release ID:	930109
Project Officer:	Eric Sadoyama

UST:

Facility ID:	9-102759
Owner:	AMELCO CORPORATION
Owner Address:	2308 PAHOUNUI DR
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3014
Longitude:	-157.86
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-A
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/30/1990
Tank Capacity:	2000
Substance:	Gasoline

Tank ID:	R-B
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/30/1990
Tank Capacity:	1000
Substance:	Not Listed

Tank ID:	R-C
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/30/1990
Tank Capacity:	1000
Substance:	Not Listed

Z152 NE 1/4-1/2 0.262 mi. 1384 ft. | **SCAN LINE BUILDING**
788 S KING ST
HONOLULU, HI 96800
Site 1 of 2 in cluster Z

HI LUST **U003154619**
HI UST **N/A**

Relative: Higher

Actual: 11 ft.

LUST:

Facility ID:	9-102752
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	11/15/1993
Release ID:	940019
Project Officer:	Jose Ruiz

UST:

Facility ID:	9-102752
Owner:	SCAN LINE BUILDING
Owner Address:	788 S KING ST
Owner City,St,Zip:	Honolulu, 96800 96800
Latitude:	21.3029
Longitude:	-157.852
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	07/27/1993
Tank Capacity:	Not reported
Substance:	Other

Tank ID:	R-2
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	07/27/1993
Tank Capacity:	Not reported
Substance:	Other

Tank ID:	R-3
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	07/27/1993
Tank Capacity:	Not reported
Substance:	Other

Y153 NW 1/4-1/2 0.275 mi. 1454 ft. | **K & Y CHEVRON 91524**
571 S QUEEN ST
HONOLULU, HI 96813
Site 3 of 4 in cluster Y

HI LUST **U001235370**
HI UST **N/A**
HI Financial Assurance

Relative: Higher

Actual: 7 ft.

LUST:

Facility ID:	9-101107
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	07/09/2003
Release ID:	020041
Project Officer:	Richard Takaba

K & Y CHEVRON 91524 (Continued) **U001235370**

UST:

Facility ID:	9-101107
Owner:	CHEVRON PRODUCTS COMPANY
Owner Address:	91-480 MALAKOLE ST.
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3025
Longitude:	-157.859
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	07/18/1982
Tank Status:	**Permanently Out of Use**
Date Closed:	08/26/2002
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-2
Date Installed:	07/18/1982
Tank Status:	**Permanently Out of Use**
Date Closed:	08/26/2002
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-3
Date Installed:	07/18/1982
Tank Status:	**Permanently Out of Use**
Date Closed:	08/26/2002
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-4
Date Installed:	07/18/1982
Tank Status:	**Permanently Out of Use**
Date Closed:	08/26/2002
Tank Capacity:	1000
Substance:	Used Oil

HI Financial Assurance:

Alt Facility ID:	9-101107
Tank Id:	R-2
Tank Status:	Permanently Out of Use
FRTYPE:	Self Insured
Expiration Date:	Not reported

Alt Facility ID:	9-101107
Tank Id:	R-4
Tank Status:	Permanently Out of Use
FRTYPE:	Self Insured
Expiration Date:	Not reported

Alt Facility ID:	9-101107
Tank Id:	R-4
Tank Status:	Permanently Out of Use

K & Y CHEVRON 91524 (Continued) **U001235370**

FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-101107
Tank Id: R-3
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-101107
Tank Id: R-2
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-101107
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Self Insured
Expiration Date: Not reported

Alt Facility ID: 9-101107
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-101107
Tank Id: R-3
Tank Status: Permanently Out of Use
FRTYPE: Self Insured
Expiration Date: Not reported

AA154 **SERVICE AUTO MACHINE WORKS** **HI LUST** **U003154828**
SSE **518 CUMMINS ST** **HI UST** **N/A**
1/4-1/2 **HONOLULU, HI 96814**
0.276 mi.
1456 ft. **Site 1 of 2 in cluster AA**

Relative:
Higher

Actual:
3 ft.

LUST:
Facility ID: 9-103105
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 12/21/1995
Release ID: 950133
Project Officer: Eric Sadoyama

UST:
Facility ID: 9-103105
Owner: THOMAS W.F. KAM TRUST
Owner Address: C/O 518 CUMMINS St
Owner City,St,Zip: Honolulu, 96814 96814
Latitude: 21.2966
Longitude: -157.853
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: Not reported

SERVICE AUTO MACHINE WORKS (Continued) **U003154828**

Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	550
Substance:	Gasoline

Tank ID:	R-2
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	550
Substance:	Kerosene

Tank ID:	R-3
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	1000
Substance:	Gasoline

Tank ID:	R-4
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not reported
Tank Capacity:	1000
Substance:	Gasoline

155
West
1/4-1/2
0.283 mi.
1493 ft.

TIRE RECAP SERVICE **HI LUST** **U003154623**
526 KEAWE ST **HI UST** **N/A**
HONOLULU, HI 96813

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID:	9-102758
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	06/20/1997
Release ID:	930108
Project Officer:	Eric Sadoyama

UST:

Facility ID:	9-102758
Owner:	AMELCO CORPORATION
Owner Address:	2308 PAHOUNUI DR
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3003
Longitude:	-157.86
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-D
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/30/1990
Tank Capacity:	2000
Substance:	Not Listed

TIRE RECAP SERVICE (Continued) **U003154623**

Tank ID:	R-E
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/30/1990
Tank Capacity:	2000
Substance:	Not Listed

Tank ID:	R-F
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/30/1990
Tank Capacity:	550
Substance:	Not Listed

156
SE
1/4-1/2
0.287 mi.
1517 ft.

PACIFICA CONDOMINIUM **HI SHWS** **S110765470**
1009 KAPIOLANI BLVD **HI LUST** **N/A**
HONOLULU, HI 96814

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Pacifica Condominiums
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Paul Chong
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Pacifica Condominiums
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Low levels of contaminated soil left in place. Area capped with multistory building
Nature of Residual Contamination:	Not reported
Use Restrictions:	No Hazard Present For Unrestricted Residential Use
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Unrestricted Residential Use
Document Date:	07/19/2011
Document Number:	2011-399-PC
Document Subject:	Subsurface Soil Assessment Report, Honolulu HI dated October 28, 2010
Project Manager:	Paul Chong

PACIFICA CONDOMINIUM (Continued) **S110765470**

Contact Information: (808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

LUST:
Facility ID: 9-103909
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 11/07/2011
Release ID: 110013
Project Officer: Shunsheng Fu

Y157 **C&CH KAKAAKO FIRE STATION** **HI LUST** **U001235034**
NW **555 QUEEN ST** **HI UST** **N/A**
1/4-1/2 **HONOLULU, HI 96813**
0.293 mi.
1546 ft. **Site 4 of 4 in cluster Y**

Relative:
Higher

Actual:
7 ft.

LUST:
Facility ID: 9-100075
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 05/17/1999
Release ID: 940155
Project Officer: Renato Maniulit

UST:
Facility ID: 9-100075
Owner: C&C OF HNL - HONOLULU FIRE DEPARATMENT
Owner Address: 636 South Street
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3031
Longitude: -157.859
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: 09/03/1975
Tank Status: **Permanently Out of Use**
Date Closed: 02/01/1994
Tank Capacity: 500
Substance: Diesel

Tank ID: R-2
Date Installed: 09/03/1975
Tank Status: **Permanently Out of Use**
Date Closed: 02/01/1994
Tank Capacity: 1000
Substance: Gasoline

AB158 **C&CH KAKAAKO FIRE DEPT MECHANIC SHOP** **HI LUST** **U001235033**
WNW **620 SOUTH ST** **HI UST** **N/A**
1/4-1/2 **HONOLULU, HI 96813** **HI Financial Assurance**
0.295 mi.
1556 ft. **Site 1 of 4 in cluster AB**

Relative:
Higher

Actual:
7 ft.

LUST:

Facility ID:	9-100074
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	12/27/2011
Release ID:	990209
Project Officer:	Josh Nagashima

UST:

Facility ID:	9-100074
Owner:	C&C OF HNL - HONOLULU FIRE DEPARATMENT
Owner Address:	636 South Street
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3023
Longitude:	-157.859
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	06/01/1966
Tank Status:	**Permanently Out of Use**
Date Closed:	07/08/1999
Tank Capacity:	500
Substance:	Gasoline

Tank ID:	R-2
Date Installed:	06/01/1966
Tank Status:	**Permanently Out of Use**
Date Closed:	07/08/1999
Tank Capacity:	1000
Substance:	Gasoline

Tank ID:	R-3
Date Installed:	06/01/1966
Tank Status:	**Permanently Out of Use**
Date Closed:	07/08/1999
Tank Capacity:	500
Substance:	Used Oil

HI Financial Assurance:

Alt Facility ID:	9-100074
Tank Id:	R-1
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not reported

Alt Facility ID:	9-100074
Tank Id:	R-2
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not reported

C&CH KAKAAKO FIRE DEPT MECHANIC SHOP (Continued) **U001235033**

Alt Facility ID: 9-100074
Tank Id: R-3
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

159
NE
1/4-1/2
0.296 mi.
1562 ft.

Relative:
Higher

Actual:
13 ft.

STRAUB CLINIC & HOSPITAL
888 SOUTH KING STREET
HONOLULU, HI 96813

MLTS **1000490912**
HI LUST **N/A**
HI UST
HI Financial Assurance

MLTS:
License Number: 53-18126-01
First License Date: 09/22/89
License Date: 03/07/13
Lic. Expiration Date: 05/31/15
Contact Name: ART GLADSTONE
Contact Phone: 808-522-4501
Institution Code: 18126
Department/Bldg: DEPT OF NUCLEAR MEDICINE::
States Allowing Use: Not reported
Store Material Use: No
Redistribution Use: No
Incinerate Use: No
Burial Use: No
Last Inspection Date: 06/23/11
Next Inspection Date: 06/01/13
Licensee Contact: CH OPER OFFICER
Inspector Name: Ronald Frick

LUST:
Facility ID: 9-100814
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 11/05/1999
Release ID: 990169
Project Officer: Richard Takaba

UST:
Facility ID: 9-100814
Owner: STRAUB CLINIC & HOSPITAL INC.
Owner Address: 888 S KING ST
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3024
Longitude: -157.851
Horizontal Reference Datum Name: NAD83

Tank ID: R-M-001
Date Installed: 06/08/1970
Tank Status: Permanently Out of Use
Date Closed: 03/09/1999
Tank Capacity: 1800
Substance: Diesel

Tank ID: R-M-2
Date Installed: 03/28/1962

STRAUB CLINIC & HOSPITAL (Continued) **1000490912**

Tank Status:	**Permanently Out of Use**
Date Closed:	08/07/1992
Tank Capacity:	1000
Substance:	Diesel

HI Financial Assurance:

Alt Facility ID:	9-100814
Tank Id:	R-M-001
Tank Status:	Permanently Out of Use
FRTYPE:	Self Insured
Expiration Date:	Not reported

Alt Facility ID:	9-100814
Tank Id:	R-M-2
Tank Status:	Permanently Out of Use
FRTYPE:	Self Insured
Expiration Date:	Not reported

AB160 **CBI, INC** **HI LUST** **U001235923**
WNW **614 SOUTH ST** **HI UST** **N/A**
1/4-1/2 **HONOLULU, HI 96813** **HI Financial Assurance**
0.301 mi.
1591 ft. **Site 2 of 4 in cluster AB**

Relative:
Higher

Actual:
6 ft.

LUST:

Facility ID:	9-102467
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	06/01/1992
Release ID:	910091
Project Officer:	Sheila Mackenzie

UST:

Facility ID:	9-102467
Owner:	CBI, INC
Owner Address:	P.O. BOX 90159
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3022
Longitude:	-157.86
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	09/26/1991
Tank Capacity:	1000
Substance:	Gasoline

HI Financial Assurance:

Alt Facility ID:	9-102467
Tank Id:	R-1
Tank Status:	Permanently Out of Use
FRTYPE:	Self Insured
Expiration Date:	Not reported

Z161 NE 1/4-1/2 0.305 mi. 1609 ft.

801 SOUTH HOTEL STREET
801 SOUTH HOTEL ST
HONOLULU, HI 96813

Site 2 of 2 in cluster Z

HI SHWS **S115488669**
N/A

Relative: Higher

Actual: 16 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	801 South Hotel Street
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Cal Miyahara
Hazard Priority:	Medium
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	801 South Hotel Street
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	Medium
Assessment:	Assessment Ongoing
Response:	Not reported
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Not reported
Use Restrictions:	Undetermined
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	Not reported
Document Date:	Not reported
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Cal Miyahara
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

AB162 WNW 1/4-1/2 0.306 mi. 1616 ft.

MOTOR IMPORTS SERVICE DEPT
609 SOUTH ST
HONOLULU, HI 96813

Site 3 of 4 in cluster AB

RCRA-CESQG **1000340499**
HI LUST **HID981654262**
HI UST
HI SPILLS
HI Financial Assurance

Relative: Higher

Actual: 5 ft.

RCRA-CESQG:

Date form received by agency:	07/19/1993
Facility name:	MOTOR IMPORTS SERVICE DEPT
Facility address:	609 SOUTH ST HONOLULU, HI 96813
EPA ID:	HID981654262
Contact:	GEORGE ENDO
Contact address:	609 SOUTH ST HONOLULU, HI 96813
Contact country:	US

MOTOR IMPORTS SERVICE DEPT (Continued) **1000340499**

Contact telephone: (808) 521-6511
Contact email: Not reported
EPA Region: 09
Land type: Other land type
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

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

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

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

MOTOR IMPORTS SERVICE DEPT (Continued) **1000340499**

Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/04/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

LUST:
Facility ID: 9-100879
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 10/20/2005
Release ID: 970114
Project Officer: Richard Takaba

UST:
Facility ID: 9-100879
Owner: SERVCO PACIFIC, INC.
Owner Address: P.O. BOX 2788
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3019
Longitude: -157.859
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: 05/06/1971
Tank Status: Permanently Out of Use
Date Closed: 07/09/1997
Tank Capacity: 500
Substance: Used Oil

HI SPILLS:
Island: Oahu
Supplemental Loc. Text: intersection of South St and Halekauwila St
Case Number: 20061002-0903
HID Number: Not reported
Facility Registry Id: Not reported
Lead and Program: HEER EP&R
ER: Site Visit
Units: Board of Water Supply Water Main Break Oil
Substances: Used MotorOil
Less Or Greater Than: Not reported
Numerical Quantity: 32
Units: Ounces
Activity Type: response
Activity Lead: Mike Cripps
Assignment End Date: 2006-10-26 00:00:00
Result: SOSC NFA
File Under: City and County of Honolulu, Board of Water Supply

HI Financial Assurance:
Alt Facility ID: 9-100879
Tank Id: R-1

MOTOR IMPORTS SERVICE DEPT (Continued) **1000340499**

Tank Status: Permanently Out of Use
FRTYPE: Letter of Credit
Expiration Date: Not reported

AB163
WNW
1/4-1/2
0.310 mi.
1637 ft.

AMELCO BUILDING (SERVICE STATION) **HI LUST** **U003154507**
603 HALEKAUWILA ST **HI UST** **N/A**
HONOLULU, HI 96813

Site 4 of 4 in cluster AB

Relative:
Higher

Actual:
3 ft.

LUST:
Facility ID: 9-101356
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 06/20/1997
Release ID: 930106
Project Officer: Eric Sadoyama

UST:
Facility ID: 9-101356
Owner: AMELCO CORPORATION
Owner Address: 2308 PAHOUNUI DR
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3016
Longitude: -157.86
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: 12/30/1967
Tank Status: Permanently Out of Use
Date Closed: 06/30/1990
Tank Capacity: 4000
Substance: Diesel

Tank ID: R-1A
Date Installed: 03/21/1961
Tank Status: Permanently Out of Use
Date Closed: 06/30/1990
Tank Capacity: 1000
Substance: Not Listed

Tank ID: R-2
Date Installed: 12/30/1967
Tank Status: Permanently Out of Use
Date Closed: 06/30/1990
Tank Capacity: 4000
Substance: Gasoline

AA164 SSE 1/4-1/2 0.311 mi. 1642 ft.

TAI HING CO., INC.
1023 KAWAIAHAO ST
HONOLULU, HI 96814

HI LUST **U001235253**
HI UST **N/A**

Site 2 of 2 in cluster AA

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-100831
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	09/26/1997
Release ID:	970062
Project Officer:	Jose Ruiz

UST:

Facility ID:	9-100831
Owner:	TAI HING CO., INC.
Owner Address:	1023 KAWAIAHAO ST
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.296
Longitude:	-157.852
Horizontal Reference Datum Name:	NAD83
Tank ID:	001
Date Installed:	04/05/1976
Tank Status:	**Permanently Out of Use**
Date Closed:	03/18/1997
Tank Capacity:	1000
Substance:	Gasoline

---

165 SSW 1/4-1/2 0.313 mi. 1652 ft.

TESORO GAS EXPRESS 11
940 AUAHI ST
HONOLULU, HI 96814

HI LUST **U003402812**
HI UST **N/A**
HI Financial Assurance

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-100916
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	04/27/2005
Release ID:	910016
Project Officer:	Shaobin Li

UST:

Facility ID:	9-100916
Owner:	TESORO HAWAII CORPORATION
Owner Address:	1311 Palama St
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2958
Longitude:	-157.856
Horizontal Reference Datum Name:	NAD83
Tank ID:	R-1
Date Installed:	02/01/1994
Tank Status:	**Permanently Out of Use**
Date Closed:	09/20/2004
Tank Capacity:	10000
Substance:	Diesel

TESORO GAS EXPRESS 11 (Continued) **U003402812**

Tank ID: R-1
Date Installed: 05/01/1982
Tank Status: Permanently Out of Use
Date Closed: 09/17/1994
Tank Capacity: 10000
Substance: Gasoline

Tank ID: R-2
Date Installed: 05/06/1985
Tank Status: Permanently Out of Use
Date Closed: 01/31/1994
Tank Capacity: 10000
Substance: Gasoline

Tank ID: R-3
Date Installed: 02/01/1985
Tank Status: Permanently Out of Use
Date Closed: 09/05/1991
Tank Capacity: 10000
Substance: Gasoline

Tank ID: R-4
Date Installed: 05/06/1977
Tank Status: Permanently Out of Use
Date Closed: 01/31/1994
Tank Capacity: 10000
Substance: Diesel

Tank ID: R-87
Date Installed: 02/01/1994
Tank Status: Permanently Out of Use
Date Closed: 09/20/2004
Tank Capacity: 10000
Substance: Gasoline

Tank ID: R-92
Date Installed: 02/01/1994
Tank Status: Permanently Out of Use
Date Closed: 09/20/2004
Tank Capacity: 10000
Substance: Gasoline

HI Financial Assurance:
Alt Facility ID: 9-100916
Tank Id: R-4
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100916
Tank Id: R-1
Tank Status: Permanently Out of Use

TESORO GAS EXPRESS 11 (Continued) **U003402812**

FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100916
Tank Id: R-92
Tank Status: Permanently Out of Use
FRTYPE: Guarantee
Expiration Date: Not reported

Alt Facility ID: 9-100916
Tank Id: R-87
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100916
Tank Id: R-92
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100916
Tank Id: R-87
Tank Status: Permanently Out of Use
FRTYPE: Guarantee
Expiration Date: Not reported

Alt Facility ID: 9-100916
Tank Id: R-3
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100916
Tank Id: R-3
Tank Status: Permanently Out of Use
FRTYPE: Guarantee
Expiration Date: Not reported

Alt Facility ID: 9-100916
Tank Id: R-2
Tank Status: Permanently Out of Use
FRTYPE: Guarantee
Expiration Date: Not reported

Alt Facility ID: 9-100916
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Guarantee
Expiration Date: Not reported

Alt Facility ID: 9-100916
Tank Id: R-4
Tank Status: Permanently Out of Use
FRTYPE: Guarantee
Expiration Date: Not reported

TESORO GAS EXPRESS 11 (Continued) **U003402812**

Alt Facility ID: 9-100916
Tank Id: R-2
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

AC166 **EUROCARE/KEICO PACIFIC/SHONS AUT** **HI LUST** **U003154625**
WNW **545 SOUTH ST** **HI UST** **N/A**
1/4-1/2 **HONOLULU, HI 96813**
0.333 mi.
1760 ft. **Site 1 of 2 in cluster AC**

Relative:
Higher

Actual:
3 ft.

LUST:
Facility ID: 9-102760
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 06/20/1997
Release ID: 930110
Project Officer: Roger Brewer

UST:
Facility ID: 9-102760
Owner: AMELCO CORPORATION
Owner Address: 2308 PAHOUNUI DR
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3014
Longitude: -157.86
Horizontal Reference Datum Name: NAD83

Tank ID: R-3
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 06/30/1990
Tank Capacity: 2000
Substance: Gasoline

AD167 **JAS W GLOVER LTD** **RCRA NonGen / NLR** **1000135795**
SE **1046 WAIMAMU ST** **FINDS** **HID981637861**
1/4-1/2 **HONOLULU, HI 96814** **HI SHWS**
0.342 mi. **HI LUST**
1808 ft. **Site 1 of 2 in cluster AD** **HI UST**

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:
Date form received by agency: 01/09/1987
Facility name: JAS W GLOVER LTD
Facility address: 1046 WAIMAMU ST
HONOLULU, HI 96814
EPA ID: HID981637861
Mailing address: PO BOX 579
HONOLULU, HI 96809
Contact: ENVIRONMENTAL MANAGER
Contact address: 1046 WAIMAMU ST
HONOLULU, HI 96814
Contact country: US
Contact telephone: (808) 533-1777
Contact email: Not reported
EPA Region: 09

JAS W GLOVER LTD (Continued) **1000135795**

Land type: Other land type
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

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

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

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

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 12/21/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005724252

Environmental Interest/Information System

JAS W GLOVER LTD (Continued) **1000135795**

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.

STATE MASTER

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Glover Building
HID Number:	Not reported
Facility Registry Identifier:	110005724252
Lead Agency:	HEER
Program:	State
Project Manager:	Melody Calisay
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Glover Building
HID Number:	Not reported
Facility Registry Identifier:	110005724252
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Hydraulic fluid
Nature of Residual Contamination:	unknown
Use Restrictions:	Undetermined
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	ISST NFA - No Letter
Document Date:	06/10/2004
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Melody Calisay
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

LUST:

Facility ID:	9-100835
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	05/26/2004
Release ID:	020019
Project Officer:	Richard Takaba

JAS W GLOVER LTD (Continued) **1000135795**

UST:

Facility ID:	9-100835
Owner:	JAS W. GLOVER, LTD
Owner Address:	725 KAPIOLANI BLVD, SUITE 306
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2963
Longitude:	-157.851
Horizontal Reference Datum Name:	NAD83
Tank ID:	R-1
Date Installed:	03/07/2037
Tank Status:	**Permanently Out of Use**
Date Closed:	11/12/1990
Tank Capacity:	600
Substance:	Gasoline

---

168 WSW 1/4-1/2 0.345 mi. 1819 ft. **ARA SERVICES INC.** **HI LUST** **U001237389**
746 AUAHI ST **HI UST** **N/A**
HONOLULU, HI 96800

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-102521
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	08/24/1994
Release ID:	920084
Project Officer:	Eric Sadoyama

UST:

Facility ID:	9-102521
Owner:	JOHN L. WADE JR.
Owner Address:	C/O CADES, SCHUTTE, FLEMING AND WRIGHT1000 BISHOP ST
Owner City,St,Zip:	Honolulu, 96800 96800
Latitude:	21.2972
Longitude:	-157.86
Horizontal Reference Datum Name:	NAD83
Tank ID:	R-1
Date Installed:	12/30/1989
Tank Status:	**Permanently Out of Use**
Date Closed:	02/22/1992
Tank Capacity:	Not reported
Substance:	Gasoline
Tank ID:	R-2
Date Installed:	12/30/1974
Tank Status:	**Permanently Out of Use**
Date Closed:	02/22/1992
Tank Capacity:	Not reported
Substance:	Gasoline
Tank ID:	R-3
Date Installed:	12/30/1974
Tank Status:	**Permanently Out of Use**

ARA SERVICES INC. (Continued) **U001237389**

Date Closed: 02/22/1992
Tank Capacity: Not reported
Substance: Gasoline

AE169 **FORMER SHELLY MOTORS AUTO SALES** **HI LUST** **U001235757**
SW **744 ALA MOANA BLVD** **HI UST** **N/A**
1/4-1/2 **HONOLULU, HI 96814**
0.358 mi.
1890 ft. **Site 1 of 4 in cluster AE**

Relative:
Higher

Actual:
3 ft.

LUST:
Facility ID: 9-102163
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 08/11/1993
Release ID: 890036
Project Officer: Eric Sadoyama

UST:
Facility ID: 9-102163
Owner: SHELLY MOTORS, INC
Owner Address: 900 ALA MOANA BLVD
Owner City,St,Zip: Honolulu, 96814 96814
Latitude: 21.2966
Longitude: -157.861
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 05/04/1989
Tank Capacity: 550
Substance: Used Oil

Tank ID: R-2
Date Installed: Not reported
Tank Status: **Permanently Out of Use**
Date Closed: 05/04/1989
Tank Capacity: 1000
Substance: Gasoline

AE170 **UNDERGROUND HOISTS** **HI SHWS** **1006819562**
SW **744 ALA MOANA BLVD** **HI SPILLS** **N/A**
1/4-1/2 **HONOLULU, HI 96813** **HI INST CONTROL**
0.358 mi.
1890 ft. **Site 2 of 4 in cluster AE**

Relative:
Higher

Actual:
3 ft.

SHWS:
Organization: Not reported
Supplemental Location: Not reported
Island: Oahu
Environmental Interest: Bishop Estate - Underground Hoists Removal
HID Number: Not reported
Facility Registry Identifier: 110013773844
Lead Agency: HEER
Program: State

UNDERGROUND HOISTS (Continued) **1006819562**

Project Manager:	Clarence Callahan
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Bishop Estate - Underground Hoists Removal
HID Number:	Not reported
Facility Registry Identifier:	110013773844
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Not reported
Description of Restrictions:	Limit Further Land Use
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	06/30/2003
Document Number:	2003-179-CAC
Document Subject:	NFA Letter for Hoist Removal, etc 744 Ala Moana Blvd, Honolulu HI
Project Manager:	Clarence Callahan
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20021113-1500
HID Number:	Not reported
Facility Registry Id:	110013773844
Lead and Program:	HEER EP&R
ER:	No
Units:	Underground Hoists Removal
Substances:	Hydraulic Oil
Less Or Greater Than:	Not reported
Numerical Quantity:	25
Units:	Gallons
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	Not reported
Result:	Refer to ISST
File Under:	Kamehameha Schools

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

AD171 **SAN AUTO BODY AND PAINTING** **HI LUST** **U003711758**
SE **1058 WAIMANU ST** **HI UST** **N/A**
1/4-1/2 **HONOLULU, HI 96814**
0.359 mi.
1896 ft. **Site 2 of 2 in cluster AD**

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID:	9-103612
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	02/10/2000
Release ID:	000041
Project Officer:	Richard Takaba

UST:

Facility ID:	9-103612
Owner:	SAN AUTO BODY AND PAINTING
Owner Address:	1058 WAIMANU ST
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2957
Longitude:	-157.851
Horizontal Reference Datum Name:	NAD83
Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	11/20/1999
Tank Capacity:	500
Substance:	Gasoline

AF172 **KODAK BUILDING** **HI LUST** **U003711756**
SE **1065 KAPIOLANI BLVD** **HI UST** **N/A**
1/4-1/2 **HONOLULU, HI 96814**
0.362 mi.
1912 ft. **Site 1 of 2 in cluster AF**

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID:	9-103609
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	02/10/2000
Release ID:	000044
Project Officer:	Shaobin Li

UST:

Facility ID:	9-103609
Owner:	ILC INTERNATIONAL
Owner Address:	1585 KAPIOLANI BLVD
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2965
Longitude:	-157.85
Horizontal Reference Datum Name:	NAD83
Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	11/20/1999
Tank Capacity:	5000
Substance:	Not Listed

173 North 1/4-1/2 0.363 mi. 1915 ft.

C&CH BOARD OF WATER SUPPLY BERETANIA STN.
630 S BERETANIA ST
HONOLULU, HI 96843

HI LUST **U003221567**
HI UST **N/A**
HI Financial Assurance

Relative: Higher

Actual: 11 ft.

LUST:

Facility ID:	9-100118
Facility Status:	Site Cleanup Completed with EHMP
Facility Status Date:	07/16/1993
Release ID:	930104
Project Officer:	Thu Perry

Facility ID:	9-100118
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	02/28/2011
Release ID:	100029
Project Officer:	Thu Perry

UST:

Facility ID:	9-100118
Owner:	C&C OF HNL - BOARD OF WATER SUPPLY
Owner Address:	630 S BERETANIA ST
Owner City,St,Zip:	Honolulu, 96843 96843
Latitude:	21.3056
Longitude:	-157.853
Horizontal Reference Datum Name:	NAD83

Tank ID:	M-3
Date Installed:	10/01/1993
Tank Status:	**Currently in Use**
Date Closed:	Not reported
Tank Capacity:	1000
Substance:	Diesel

Tank ID:	R-4
Date Installed:	12/30/1960
Tank Status:	**Permanently Out of Use**
Date Closed:	11/24/1992
Tank Capacity:	550
Substance:	Diesel

Tank ID:	R-5
Date Installed:	12/30/2026
Tank Status:	**Permanently Out of Use**
Date Closed:	08/19/1992
Tank Capacity:	10000
Substance:	Other

Tank ID:	R-6
Date Installed:	12/30/2026
Tank Status:	**Permanently Out of Use**
Date Closed:	08/19/1992
Tank Capacity:	10000
Substance:	Other

C&CH BOARD OF WATER SUPPLY BERETANIA STN. (Continued) **U003221567**

Tank ID: r-1
Date Installed: 10/01/1993
Tank Status: Permanently out of Use
Date Closed: 10/15/2008
Tank Capacity: 2500
Substance: Gasoline

Tank ID: r-2
Date Installed: 10/01/1993
Tank Status: Permanently out of Use
Date Closed: 10/15/2008
Tank Capacity: 2500
Substance: Gasoline

Tank ID: r-7
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 11/27/1992
Tank Capacity: 1000
Substance: Diesel

Tank ID: r-8
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 12/12/1992
Tank Capacity: 2000
Substance: Gasoline

Tank ID: r-9
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 12/12/1992
Tank Capacity: 2000
Substance: Gasoline

HI Financial Assurance:
Alt Facility ID: 9-100118
Tank Id: r-9
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: 06/30/2009

Alt Facility ID: 9-100118
Tank Id: R-5
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: 06/30/2009

Alt Facility ID: 9-100118
Tank Id: r-7
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: 06/30/2009

C&CH BOARD OF WATER SUPPLY BERETANIA STN. (Continued) **U003221567**

Alt Facility ID: 9-100118
Tank Id: r-8
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: 06/30/2009

Alt Facility ID: 9-100118
Tank Id: r-2
Tank Status: Permanently out of Use
FRTYPE: Other
Expiration Date: 06/30/2009

Alt Facility ID: 9-100118
Tank Id: R-6
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: 06/30/2009

Alt Facility ID: 9-100118
Tank Id: r-1
Tank Status: Permanently out of Use
FRTYPE: Other
Expiration Date: 06/30/2009

Alt Facility ID: 9-100118
Tank Id: R-4
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: 06/30/2009

Alt Facility ID: 9-100118
Tank Id: M-3
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: 06/30/2009

Alt Facility ID: 9-100118
Tank Id: r-8
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 07/01/2012

Alt Facility ID: 9-100118
Tank Id: r-7
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 07/01/2012

Alt Facility ID: 9-100118
Tank Id: r-9
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 07/01/2012

Alt Facility ID: 9-100118
Tank Id: R-6
Tank Status: Permanently Out of Use

C&CH BOARD OF WATER SUPPLY BERETANIA STN. (Continued) **U003221567**

FRTYPE: Insurance
Expiration Date: 07/01/2012

Alt Facility ID: 9-100118
Tank Id: R-4
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 07/01/2012

Alt Facility ID: 9-100118
Tank Id: r-2
Tank Status: Permanently out of Use
FRTYPE: Insurance
Expiration Date: 07/01/2012

Alt Facility ID: 9-100118
Tank Id: r-1
Tank Status: Permanently out of Use
FRTYPE: Insurance
Expiration Date: 07/01/2012

Alt Facility ID: 9-100118
Tank Id: M-3
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 07/01/2012

Alt Facility ID: 9-100118
Tank Id: R-5
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 07/01/2012

174
NE
1/4-1/2
0.366 mi.
1932 ft.

HONOLULU POLICE DEPT **HI LUST** **U003221617**
801 S BERETANIA ST **HI UST** **N/A**
HONOLULU, HI 96813 **HI Financial Assurance**

Relative:
Higher

Actual:
24 ft.

LUST:
Facility ID: 9-100815
Facility Status: Confirmed Release
Facility Status Date: 05/09/2014
Release ID: 140020
Project Officer: Shaobin Li

UST:
Facility ID: 9-100815
Owner: C&C OF HNL - POLICE DEPT
Owner Address: 801 S. Beretania Street
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3038
Longitude: -157.852
Horizontal Reference Datum Name: NAD83

Tank ID: 2
Date Installed: 02/28/1992

HONOLULU POLICE DEPT (Continued) **U003221617**

Tank Status:	**Currently in Use**
Date Closed:	Not reported
Tank Capacity:	1000
Substance:	Used Oil

Tank ID:	2
Date Installed:	02/28/1992
Tank Status:	**Currently in Use**
Date Closed:	Not reported
Tank Capacity:	1000
Substance:	Used Oil

Tank ID:	3
Date Installed:	02/28/1992
Tank Status:	**Currently in Use**
Date Closed:	Not reported
Tank Capacity:	550
Substance:	Mixture

Tank ID:	3
Date Installed:	02/28/1992
Tank Status:	**Currently in Use**
Date Closed:	Not reported
Tank Capacity:	550
Substance:	Mixture

Tank ID:	89
Date Installed:	03/30/1992
Tank Status:	**Temporarily out of Use**
Date Closed:	Not reported
Tank Capacity:	12000
Substance:	Gasoline

Tank ID:	89
Date Installed:	03/30/1992
Tank Status:	**Temporarily out of Use**
Date Closed:	Not reported
Tank Capacity:	12000
Substance:	Gasoline

Tank ID:	R-1A
Date Installed:	01/01/1987
Tank Status:	**Permanently Out of Use**
Date Closed:	06/01/1990
Tank Capacity:	12000
Substance:	Diesel

Tank ID:	R-1A
Date Installed:	01/01/1987
Tank Status:	**Permanently Out of Use**

HONOLULU POLICE DEPT (Continued) **U003221617**

Date Closed: 06/01/1990
Tank Capacity: 12000
Substance: Diesel

Tank ID: R-2A
Date Installed: 01/01/1987
Tank Status: Permanently Out of Use
Date Closed: 06/01/1990
Tank Capacity: 12000
Substance: Diesel

Tank ID: R-2A
Date Installed: 01/01/1987
Tank Status: Permanently Out of Use
Date Closed: 06/01/1990
Tank Capacity: 12000
Substance: Diesel

Tank ID: R-3A
Date Installed: 01/01/1987
Tank Status: Permanently Out of Use
Date Closed: 06/01/1990
Tank Capacity: 6000
Substance: Gasoline

Tank ID: R-3A
Date Installed: 01/01/1987
Tank Status: Permanently Out of Use
Date Closed: 06/01/1990
Tank Capacity: 6000
Substance: Gasoline

Tank ID: R-4A
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 06/01/1990
Tank Capacity: 4000
Substance: Used Oil

Tank ID: R-4A
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 06/01/1990
Tank Capacity: 4000
Substance: Used Oil

Tank ID: m-4
Date Installed: 01/01/1992
Tank Status: Currently in Use
Date Closed: Not reported

HONOLULU POLICE DEPT (Continued) **U003221617**

Tank Capacity: 8000
Substance: Diesel

Tank ID: m-4
Date Installed: 01/01/1992
Tank Status: Currently in Use
Date Closed: Not reported
Tank Capacity: 8000
Substance: Diesel

HI Financial Assurance:
Alt Facility ID: 9-100815
Tank Id: m-4
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: 06/30/2012

Alt Facility ID: 9-100815
Tank Id: R-3A
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: 06/30/2012

Alt Facility ID: 9-100815
Tank Id: R-4A
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: 06/30/2012

Alt Facility ID: 9-100815
Tank Id: R-1A
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: 06/30/2012

Alt Facility ID: 9-100815
Tank Id: 3
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: 06/30/2012

Alt Facility ID: 9-100815
Tank Id: 2
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: 06/30/2012

Alt Facility ID: 9-100815
Tank Id: R-2A
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: 06/30/2012

Alt Facility ID: 9-100815
Tank Id: 89
Tank Status: Temporarily out of Use

HONOLULU POLICE DEPT (Continued) **U003221617**

FRTYPE: Other
Expiration Date: 06/30/2012

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175 South 1/4-1/2 0.366 mi. 1934 ft.

MARKET CENTER SS
1020 AUAHI ST
HONOLULU, HI 96814

HI LUST **U001235504**
HI UST **N/A**
HI SPILLS

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID: 9-101471
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 03/17/2000
Release ID: 940113
Project Officer: Shunsheng Fu

Facility ID: 9-101471
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 11/27/2002
Release ID: 020025
Project Officer: Shunsheng Fu

UST:

Facility ID: 9-101471
Owner: VICTORIA WARD LTD
Owner Address: 1210 AUAHI ST / SUITE 115
Owner City,St,Zip: Honolulu, 96814 96814
Latitude: 21.2955
Longitude: -157.856
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 04/06/1994
Tank Capacity: 3000
Substance: Gasoline

Tank ID: R-2
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 04/06/1994
Tank Capacity: 2000
Substance: Gasoline

Tank ID: R-3
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 04/06/1994
Tank Capacity: 2000
Substance: Used Oil

Tank ID: R-4
Date Installed: Not reported

MARKET CENTER SS (Continued) **U001235504**

Tank Status:	**Permanently Out of Use**
Date Closed:	08/06/2000
Tank Capacity:	6000
Substance:	Not Listed

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19970512-2357
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R
ER:	No
Units:	Ward Warehouse, 170-gallon sewage spill
Substances:	Sewage
Less Or Greater Than:	Not reported
Numerical Quantity:	170
Units:	Gallons
Activity Type:	Response
Activity Lead:	Not reported
Assignment End Date:	Not reported
Result:	SOSC NFA
File Under:	Not reported

AC176 **REED LANE WAREHOUSE** **HI LUST** **U003732578**
WNW **556 REED LN** **HI UST** **N/A**
1/4-1/2 **HONOLULU, HI 96813**
0.370 mi.
1953 ft. **Site 2 of 2 in cluster AC**

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID:	9-103537
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	05/03/2001
Release ID:	990222
Project Officer:	Shunsheng Fu

UST:

Facility ID:	9-103537
Owner:	KAMEHAMEHA SCHOOLS/BISHOP ESTATE
Owner Address:	567 S. KING STKAWAIAHAO PLAZA, SUITE 200
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3018
Longitude:	-157.861
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	08/12/1999
Tank Capacity:	1000
Substance:	Gasoline

AE177 **NEW CITY NISSAN** **RCRA-CESQG** **1000252026**
SW **900 ALA MOANA BLVD** **FINDS** **HID981983844**
1/4-1/2 **HONOLULU, HI 96814** **HI LUST**
0.381 mi. **HI UST**
2010 ft. **Site 3 of 4 in cluster AE** **HI Financial Assurance**

Relative:
Higher

Actual:
3 ft.

RCRA-CESQG:

Date form received by agency:	09/08/1992
Facility name:	NEW CITY NISSAN
Facility address:	900 ALA MOANA BLVD HONOLULU, HI 96814
EPA ID:	HID981983844
Contact:	RANDAL TACHINO
Contact address:	900 ALA MOANA BLVD HONOLULU, HI 96814
Contact country:	US
Contact telephone:	(808) 524-2111
Contact email:	Not reported
EPA Region:	09
Land type:	Private
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

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

Owner/operator name:	NEW CITY NISSAN
Owner/operator address:	900 ALA MOANA BLVD HONOLULU, HI 96814
Owner/operator country:	Not reported
Owner/operator telephone:	(808) 524-2111
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

NEW CITY NISSAN (Continued) **1000252026**

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

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 04/04/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110005725885

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

STATE MASTER

Registry ID: 110046217385

Environmental Interest/Information System
STATE MASTER

LUST:
Facility ID: 9-100929
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 08/01/1994
Release ID: 920004
Project Officer: Eric Sadoyama

UST:
Facility ID: 9-100929
Owner: PACIFIC OLDSMOBILE-GMC
Owner Address: 900 ALA MOANA BLVD

NEW CITY NISSAN (Continued) **1000252026**

Owner City,St,Zip: Honolulu, 96814 96814
Latitude: 21.2957
Longitude: -157.859
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: 03/24/1985
Tank Status: Permanently Out of Use
Date Closed: 10/18/1991
Tank Capacity: 4000
Substance: Gasoline

Tank ID: R-2
Date Installed: 03/24/1985
Tank Status: Permanently Out of Use
Date Closed: 10/10/1991
Tank Capacity: 2000
Substance: Used Oil

HI Financial Assurance:
Alt Facility ID: 9-100929
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100929
Tank Id: R-2
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

AG178 **KAKA'AKO SITE: UNIT 6** **US BROWNFIELDS FINDS** **1009569568**
SSW **1011 ALA MOANA BLVD** **N/A**
1/4-1/2 **HONOLULU, HI 96813**
0.385 mi.
2033 ft. **Site 1 of 2 in cluster AG**

Relative: Higher

Actual: 3 ft.

US BROWNFIELDS:
Recipient name: R9 TBA (STAG Funded)
Grant type: TBA
Property name: KAKA'AKO SITE: UNIT 6
Property #: 2-1-058:095
Parcel size: 3.7
Property Description: Majority of property was a former tuna processing operation (originally operated by Hawai'i Tuna Packers) dating from 1933. The operations included fish processing, canning, freezing andproduction of ice for operational use and sales. The operation included the use of underground storage tanks for petroleum products. The tanks were removed in the 1980s and 1990s. All structures associated with the former operations have been removed.
Latitude: 21.29361
Longitude: -157.85888
HCM label: Address Matching-House Number
Map scale: Not reported
Point of reference: Entrance Point of a Facility or Station

KAKA'AKO SITE: UNIT 6 (Continued) **1009569568**

Datum:	World Geodetic System of 1984
ACRES property ID:	27902
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	35113
Assessment funding source:	US EPA - TBA Funding
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	Not reported
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase II Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	n/a
Ownership entity:	Not reported
Current owner:	Not reported
Did owner change:	N
Cleanup required:	Unknown
Video available:	Not reported
Photo available:	Not reported
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Unknown
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported

KAKA'AKO SITE: UNIT 6 (Continued) **1009569568**

PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Y
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

FINDS:

Registry ID: 110013787704

KAKA'AKO SITE: UNIT 6 (Continued) **1009569568**

Environmental Interest/Information System
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

AG179 **WRAF - HAWAIIAN TUNA PACKERS** **HI SHWS** **U001236016**
SSW **1011 ALA MOANA BLVD** **HI LUST** **N/A**
1/4-1/2 **HONOLULU, HI 96814** **HI UST**
0.385 mi. **HI ENG CONTROLS**
2034 ft. **Site 2 of 2 in cluster AG** **HI BROWNFIELDS**
HI Financial Assurance

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Ahui St & Ward Ave
Island:	Oahu
Environmental Interest:	Kakaako Brownfield Project-Unit 6
HID Number:	Not reported
Facility Registry Identifier:	110013787704
Lead Agency:	Not reported
Program:	Brownfields
Project Manager:	Melody Calisay
Hazard Priority:	Low
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Ahui St & Ward Ave
SDAR Environmental Interest Name:	Kakaako Brownfield Project-Unit 6
HID Number:	Not reported
Facility Registry Identifier:	110013787704
Lead Agency:	Not reported
Progran Name:	Brownfields
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	Low
Assessment:	Assessment Ongoing
Response:	Not reported
Nature of Contamination:	Found: Petroleum, PAHs, VOCs, lead, and other metals in soil.
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Zoned - Industrial
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	Not reported
Document Date:	Not reported
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Melody Calisay
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

LUST:

Facility ID:	9-102690
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	04/17/2001
Release ID:	920179
Project Officer:	To HEER

WRAF - HAWAIIAN TUNA PACKERS (Continued) **U001236016**

UST:

Facility ID:	9-102690
Owner:	WRAF - HAWAIIAN TUNA PACKERS
Owner Address:	1011 ALA MOANA BLVD
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2947
Longitude:	-157.857
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	08/01/1985
Tank Capacity:	Not reported
Substance:	Gasoline

Tank ID:	R-2
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	01/01/1985
Tank Capacity:	Not reported
Substance:	Diesel

ENG CONTROLS:

Supplemental Location Text:	Ahui St & Ward Ave
Zip Suffix:	Not reported
Island:	Oahu
Potential Hazards And Controls:	Hazard Managed With Controls
Engineering Control:	Engineering Control Required

BROWNFIELDS:

Program:	Brownfields
Supplemental Location:	Ahui St & Ward Ave
Island:	Oahu
Zip Suffix:	Not reported

HI Financial Assurance:

Alt Facility ID:	9-102690
Tank Id:	R-1
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not reported

Alt Facility ID:	9-102690
Tank Id:	R-2
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not reported

AE180 SW 1/4-1/2 0.402 mi. 2124 ft. | **CUTTER MOTOR CARS, INC**
800 ALA MOANA BLVD
HONOLULU, HI 96813

HI LUST | **U001235288**
HI UST | **N/A**
HI Financial Assurance

Site 4 of 4 in cluster AE

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-100911
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	02/12/1998
Release ID:	900080
Project Officer:	Jose Ruiz

UST:

Facility ID:	9-100911
Owner:	CUTTER MOTOR CARS, LTD
Owner Address:	800 ALA MOANA BLVd
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.2965
Longitude:	-157.859
Horizontal Reference Datum Name:	NAD83

Tank ID:	26
Date Installed:	06/19/1990
Tank Status:	**Currently in Use**
Date Closed:	Not reported
Tank Capacity:	550
Substance:	Used Oil

Tank ID:	R-25
Date Installed:	05/05/1965
Tank Status:	**Permanently Out of Use**
Date Closed:	05/30/1990
Tank Capacity:	4000
Substance:	Gasoline

Tank ID:	R-26
Date Installed:	05/05/1966
Tank Status:	**Permanently Out of Use**
Date Closed:	05/30/1990
Tank Capacity:	500
Substance:	Used Oil

Tank ID:	R-27
Date Installed:	05/05/1960
Tank Status:	**Permanently Out of Use**
Date Closed:	05/30/1990
Tank Capacity:	1000
Substance:	Gasoline

HI Financial Assurance:

Alt Facility ID:	9-100911
Tank Id:	R-25
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance

CUTTER MOTOR CARS, INC (Continued) **U001235288**

Expiration Date: 02/01/2014

Alt Facility ID: 9-100911
Tank Id: R-26
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 02/01/2014

Alt Facility ID: 9-100911
Tank Id: R-27
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 02/01/2014

Alt Facility ID: 9-100911
Tank Id: 26
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 02/01/2014

181
NE
1/4-1/2
0.411 mi.
2168 ft.

MID PAC PETROLEUM LLC 2705952 **HI LUST** **U003402799**
882 S BERETANIA ST **HI UST** **N/A**
HONOLULU, HI 96813 **HI Financial Assurance**

Relative:
Higher

Actual:
27 ft.

LUST:
Facility ID: 9-100040
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 12/21/2006
Release ID: 040051
Project Officer: Darren Park

UST:
Facility ID: 9-100040
Owner: Mid Pac Petroleum LLC
Owner Address: 1100 Alakea Street, 8th floor
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3041
Longitude: -157.85
Horizontal Reference Datum Name: NAD83

Tank ID: 1
Date Installed: 12/01/1995
Tank Status: Currently in Use
Date Closed: Not reported
Tank Capacity: 15000
Substance: Gasoline

Tank ID: 2
Date Installed: 12/01/1995
Tank Status: Currently in Use
Date Closed: Not reported
Tank Capacity: 15000
Substance: Gasoline

MID PAC PETROLEUM LLC 2705952 (Continued) **U003402799**

Tank ID: R-01
Date Installed: 12/23/1986
Tank Status: Permanently Out of Use
Date Closed: 07/06/1995
Tank Capacity: 12000
Substance: Gasoline

Tank ID: R-02
Date Installed: 12/23/1986
Tank Status: Permanently Out of Use
Date Closed: 07/06/1995
Tank Capacity: 12000
Substance: Gasoline

Tank ID: R-03
Date Installed: 12/23/1986
Tank Status: Permanently Out of Use
Date Closed: 07/06/1995
Tank Capacity: 550
Substance: Used Oil

Tank ID: R-1
Date Installed: 04/02/1955
Tank Status: Permanently Out of Use
Date Closed: 12/01/1986
Tank Capacity: 7500
Substance: Gasoline

Tank ID: R-2
Date Installed: 04/02/1955
Tank Status: Permanently Out of Use
Date Closed: 12/01/1986
Tank Capacity: 5000
Substance: Gasoline

Tank ID: R-4
Date Installed: 04/02/1955
Tank Status: Permanently Out of Use
Date Closed: 12/01/1986
Tank Capacity: 550
Substance: Used Oil

HI Financial Assurance:
Alt Facility ID: 9-100040
Tank Id: R-03
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100040
Tank Id: R-4
Tank Status: Permanently Out of Use

MID PAC PETROLEUM LLC 2705952 (Continued) **U003402799**

FRTYPE:	Other
Expiration Date:	Not reported
Alt Facility ID:	9-100040
Tank Id:	1
Tank Status:	Currently in Use
FRTYPE:	Other
Expiration Date:	Not reported
Alt Facility ID:	9-100040
Tank Id:	2
Tank Status:	Currently in Use
FRTYPE:	Other
Expiration Date:	Not reported
Alt Facility ID:	9-100040
Tank Id:	R-2
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not reported
Alt Facility ID:	9-100040
Tank Id:	R-01
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not reported
Alt Facility ID:	9-100040
Tank Id:	R-1
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not reported
Alt Facility ID:	9-100040
Tank Id:	R-02
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not reported
Alt Facility ID:	9-100040
Tank Id:	R-4
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	03/31/2014
Alt Facility ID:	9-100040
Tank Id:	R-1
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	03/31/2014
Alt Facility ID:	9-100040
Tank Id:	R-03
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	03/31/2014

MID PAC PETROLEUM LLC 2705952 (Continued) **U003402799**

Alt Facility ID: 9-100040
Tank Id: R-02
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 03/31/2014

Alt Facility ID: 9-100040
Tank Id: R-01
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 03/31/2014

Alt Facility ID: 9-100040
Tank Id: 2
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 03/31/2014

Alt Facility ID: 9-100040
Tank Id: 1
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 03/31/2014

Alt Facility ID: 9-100040
Tank Id: R-2
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 03/31/2014

182
NW
1/4-1/2
0.415 mi.
2190 ft.

DAGS - AUTOMOTIVE MANAGEMENT DIVISION **HI LUST** **U004223400**
869A PUNCHBOWL ST **HI UST** **N/A**
HONOLULU, HI 96813 **HI Financial Assurance**

Relative:
Higher

Actual:
8 ft.

LUST:
Facility ID: 9-100189
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 08/05/1996
Release ID: 870009
Project Officer: David Hodges

UST:
Facility ID: 9-100189
Owner: STATE DAGS - AUTO MANAGEMENT DIVISION
Owner Address: 869 A Punchbowl St
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.3037
Longitude: -157.86
Horizontal Reference Datum Name: NAD27

Tank ID: 2
Date Installed: 11/01/1987
Tank Status: Currently in Use
Date Closed: Not reported
Tank Capacity: 550

DAGS - AUTOMOTIVE MANAGEMENT DIVISION (Continued) **U004223400**

Substance: Used Oil

Tank ID: 87
Date Installed: 11/01/1987
Tank Status: Currently in Use
Date Closed: Not reported
Tank Capacity: 6000
Substance: Gasoline

Tank ID: R-1
Date Installed: 04/30/1961
Tank Status: Permanently Out of Use
Date Closed: 10/01/1987
Tank Capacity: 6000
Substance: Gasoline

Tank ID: R-2
Date Installed: 04/30/1961
Tank Status: Permanently Out of Use
Date Closed: 10/01/1987
Tank Capacity: 250
Substance: Used Oil

HI Financial Assurance:
Alt Facility ID: 9-100189
Tank Id: 2
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100189
Tank Id: 87
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100189
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100189
Tank Id: R-2
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

183
North
1/4-1/2
0.415 mi.
2191 ft.

KALANIMOKU BLDG
TMK 2-1-24:011151 PUNCHBOWL ST
HONOLULU, HI 96800

HI LUST **U001237400**
HI UST **N/A**

Relative:
Higher

Actual:
10 ft.

LUST:

Facility ID:	9-102691
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	09/05/2000
Release ID:	000093
Project Officer:	Richard Takaba

UST:

Facility ID:	9-102691
Owner:	STATE DAGS - PROJECT MANAGEMENT BRANCH
Owner Address:	1151 PUNCHBOWL ST, RM 427
Owner City,St,Zip:	Honolulu, 96800 96800
Latitude:	21.3064
Longitude:	-157.856
Horizontal Reference Datum Name:	NAD83
Tank ID:	R-1
Date Installed:	05/01/1973
Tank Status:	**Permanently Out of Use**
Date Closed:	03/06/1993
Tank Capacity:	2000
Substance:	Not Listed

AH184
SE
1/4-1/2
0.415 mi.
2192 ft.

SELF STORAGE 1
438 KAMAKEE ST
HONOLULU, HI 96814

Site 1 of 4 in cluster AH

HI SHWS **1006819998**
HI SPILLS **N/A**

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Honolulu Laundry
HID Number:	Not reported
Facility Registry Identifier:	110013778769
Lead Agency:	HEER
Program:	State
Project Manager:	Mark Sutterfield
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Honolulu Laundry
HID Number:	Not reported
Facility Registry Identifier:	110013778769
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete

SELF STORAGE 1 (Continued) **1006819998**

Nature of Contamination:	Not reported
Nature of Residual Contamination:	Petroleum contaminated soil. 2 tanks closed in place; suggested they be removed when site is redeveloped.
Use Restrictions:	No Hazard Present For Unrestricted Residential Use
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Unrestricted Residential Use
Document Date:	08/26/2004
Document Number:	2004-350-MS
Document Subject:	NFA letter for Self Storage 1at 438 Kamakee St
Project Manager:	Mark Sutterfield
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19981028-1300
HID Number:	Not reported
Facility Registry Id:	110013778769
Lead and Program:	HEER EP&R
ER:	Yes
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:	Cost Recovery
Activity Lead:	Tricia Nagatani
Assignment End Date:	2002-11-30 00:00:00
Result:	New PM
File Under:	Self Storage 1

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19981028-1300
HID Number:	Not reported
Facility Registry Id:	110013778769
Lead and Program:	HEER EP&R
ER:	Yes
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
Activity Lead:	Bill Perry
Assignment End Date:	Not reported
Result:	Refer to ISST
File Under:	Self Storage 1

AH185 **HONOLULU LAUNDRY CO., LTD.** **HI LUST** **U001235228**
SE **438 KAMAKEE ST** **HI UST** **N/A**
1/4-1/2 **HONOLULU, HI 96814**
0.415 mi.
2192 ft. **Site 2 of 4 in cluster AH**

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID:	9-100786
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	07/03/1997
Release ID:	930101
Project Officer:	Eric Sadoyama

UST:

Facility ID:	9-100786
Owner:	HONOLULU LAUNDRY CO., LTD.
Owner Address:	438 KAMAKEE ST
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2952
Longitude:	-157.851
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	08/09/1960
Tank Status:	**Permanently Out of Use**
Date Closed:	09/30/1990
Tank Capacity:	550
Substance:	Gasoline

Tank ID:	R-2
Date Installed:	08/09/1960
Tank Status:	**Permanently Out of Use**
Date Closed:	09/30/1990
Tank Capacity:	3000
Substance:	Diesel

Tank ID:	R-3
Date Installed:	08/09/1960
Tank Status:	**Permanently Out of Use**
Date Closed:	09/30/1990
Tank Capacity:	3000
Substance:	Diesel

Tank ID:	R-4
Date Installed:	08/09/1960
Tank Status:	**Permanently Out of Use**
Date Closed:	09/30/1990
Tank Capacity:	550
Substance:	Other

Tank ID:	R-5
Date Installed:	08/09/1960
Tank Status:	**Permanently Out of Use**
Date Closed:	09/30/1990
Tank Capacity:	550

HONOLULU LAUNDRY CO., LTD. (Continued) **U001235228**

Substance: Kerosene

AI186 **FULLER O'BRIEN PAINT** **HI LUST** **U001236007**
SW **770 ALA MOANA BLVD** **HI UST** **N/A**
1/4-1/2 **HONOLULU, HI 96813**
0.415 mi.
2193 ft. **Site 1 of 2 in cluster AI**

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID:	9-102671
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	09/23/1993
Release ID:	930135
Project Officer:	Shunsheng Fu

Facility ID:	9-102671
Facility Status:	Site Assessment Ongoing
Facility Status Date:	09/20/2007
Release ID:	020015
Project Officer:	Shunsheng Fu

UST:

Facility ID:	9-102671
Owner:	KamehaMEHA Schools
Owner Address:	567 South King Street, Suite 200
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.2961
Longitude:	-157.86
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	12/30/1965
Tank Status:	**Permanently Out of Use**
Date Closed:	12/01/1985
Tank Capacity:	1000
Substance:	Gasoline

Tank ID:	R-2
Date Installed:	12/30/1965
Tank Status:	**Permanently Out of Use**
Date Closed:	12/01/1985
Tank Capacity:	1000
Substance:	Other

Tank ID:	R-3
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	02/17/1994
Tank Capacity:	1000
Substance:	Unknown

AI187 SW 1/4-1/2 0.417 mi. 2201 ft. | **PFLUEGER ACURA**
777 ALA MOANA BLVD
HONOLULU, HI 96814

HI LUST | **U004175703**
HI UST | **N/A**
HI SPILLS

Site 2 of 2 in cluster AI

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-103885
Facility Status:	LUST Cleanup Initiated
Facility Status Date:	07/14/2010
Release ID:	100018
Project Officer:	Shunsheng Fu

Facility ID:	9-103885
Facility Status:	Case Transferred to HEER (regulated)
Facility Status Date:	07/14/2012
Release ID:	100010
Project Officer:	Shunsheng Fu

UST:

Facility ID:	9-103885
Owner:	KamehaMEHA Schools
Owner Address:	567 South King Street, Suite 200
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2961
Longitude:	-157.86
Horizontal Reference Datum Name:	NAD83

Tank ID:	r-1
Date Installed:	Not reported
Tank Status:	**Permanently out of Use**
Date Closed:	12/21/2009
Tank Capacity:	1000
Substance:	Used Oil

Tank ID:	r-2
Date Installed:	04/01/1978
Tank Status:	**Permanently out of Use**
Date Closed:	12/21/2009
Tank Capacity:	1500
Substance:	Gasoline

Tank ID:	r-3
Date Installed:	04/01/1978
Tank Status:	**Permanently out of Use**
Date Closed:	04/28/2010
Tank Capacity:	1500
Substance:	Gasoline

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Pflueger Company
Case Number:	20091221-1600
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R

PFLUEGER ACURA (Continued) **U004175703**

ER:	None
Units:	Pflueger Company oil-water separator release
Substances:	Oil
Less Or Greater Than:	Not reported
Numerical Quantity:	0
Units:	Unknown
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	2009-12-22 00:00:00
Result:	Refer to SDAR
File Under:	Pflueger Auto Group, LLC

AF188
SE
1/4-1/2
0.422 mi.
2226 ft.

Relative:
Higher

Actual:
3 ft.

TEXACO STATION 61-100-0051 **HI LUST** **U003154467**
1111 KAPIOLANI BLVD **HI UST** **N/A**
HONOLULU, HI 96814 **HI Financial Assurance**

Site 2 of 2 in cluster AF

LUST:

Facility ID:	9-100334
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	08/21/1995
Release ID:	950095
Project Officer:	Roger Brewer

UST:

Facility ID:	9-100334
Owner:	TEXACO REFINING & MARKETING INC.
Owner Address:	ENVIRONMENTAL SERVICES800 SW FIRST AVE., SUITE 180
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.296
Longitude:	-157.85
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-001
Date Installed:	01/01/1994
Tank Status:	**Permanently Out of Use**
Date Closed:	06/07/1995
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-002
Date Installed:	01/01/1984
Tank Status:	**Permanently Out of Use**
Date Closed:	06/07/1995
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-003
Date Installed:	01/01/1984
Tank Status:	**Permanently Out of Use**
Date Closed:	06/07/1995
Tank Capacity:	10000
Substance:	Gasoline

TEXACO STATION 61-100-0051 (Continued) **U003154467**

Tank ID: R-004
Date Installed: 01/01/1984
Tank Status: Permanently Out of Use
Date Closed: 06/07/1995
Tank Capacity: 10000
Substance: Gasoline

Tank ID: R-005
Date Installed: 01/01/1984
Tank Status: Permanently Out of Use
Date Closed: 06/07/1995
Tank Capacity: 550
Substance: Used Oil

HI Financial Assurance:
Alt Facility ID: 9-100334
Tank Id: R-001
Tank Status: Permanently Out of Use
FRTYPE: Risk Retention Group
Expiration Date: Not reported

Alt Facility ID: 9-100334
Tank Id: R-005
Tank Status: Permanently Out of Use
FRTYPE: Risk Retention Group
Expiration Date: Not reported

Alt Facility ID: 9-100334
Tank Id: R-004
Tank Status: Permanently Out of Use
FRTYPE: Risk Retention Group
Expiration Date: Not reported

Alt Facility ID: 9-100334
Tank Id: R-002
Tank Status: Permanently Out of Use
FRTYPE: Risk Retention Group
Expiration Date: Not reported

Alt Facility ID: 9-100334
Tank Id: R-003
Tank Status: Permanently Out of Use
FRTYPE: Risk Retention Group
Expiration Date: Not reported

AH189 **HONOLULU HAWAII AUTO REPAIR** **HI LUST** **U003154714**
SE **1111 WAIMANU ST** **HI UST** **N/A**
1/4-1/2 **HONOLULU, HI 96814**
0.434 mi.
2294 ft. **Site 3 of 4 in cluster AH**

Relative:
Higher

Actual:
3 ft.

LUST:
Facility ID: 9-102914
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 10/24/1995
Release ID: 940114

HONOLULU HAWAII AUTO REPAIR (Continued) **U003154714**

Project Officer: Roger Brewer

UST:

Facility ID:	9-102914
Owner:	KENNETH S. OYADOMAR, TRUSTEE
Owner Address:	C/O TOMA CONTRACTING / 1111 WAIMANU ST
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.295
Longitude:	-157.851
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	04/09/1994
Tank Capacity:	1000
Substance:	Used Oil

Tank ID:	R-2
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	04/09/1994
Tank Capacity:	4000
Substance:	Diesel

AJ190 **THEO DAVIES EUROMOTORS** **RCRA NonGen / NLR** **1000324981**
WSW **704 ALA MOANA BLVD** **HI LUST** **HID981674476**
1/4-1/2 **HONOLULU, HI 96813** **HI UST**
0.438 mi.
2315 ft. **Site 1 of 2 in cluster AJ**

Relative:
Higher

Actual:
3 ft.

RCRA NonGen / NLR:

Date form received by agency:	12/30/1996
Facility name:	THEO DAVIES EUROMOTORS
Facility address:	704 ALA MOANA BLVD HONOLULU, HI 96813
EPA ID:	HID981674476
Mailing address:	ALA MOANA BLVD HONOLULU, HI 96813
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	THEO DAVIES
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212

THEO DAVIES EUROMOTORS (Continued) **1000324981**

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

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

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

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/19/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

LUST:
Facility ID: 9-101329
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 03/04/1999
Release ID: 920169
Project Officer: Jeffrey Ung

UST:
Facility ID: 9-101329
Owner: THEO H. DAVIES EUROMOTORS, LTD.
Owner Address: 704 ALA MOANA BLVD
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.2973
Longitude: -157.861
Horizontal Reference Datum Name: NAD83

THEO DAVIES EUROMOTORS (Continued) **1000324981**

Tank ID:	R-1
Date Installed:	03/28/1981
Tank Status:	**Permanently Out of Use**
Date Closed:	05/16/1992
Tank Capacity:	2000
Substance:	Diesel

Tank ID:	R-2
Date Installed:	03/28/1976
Tank Status:	**Permanently Out of Use**
Date Closed:	05/23/1992
Tank Capacity:	2000
Substance:	Gasoline

Tank ID:	R-3
Date Installed:	03/28/1981
Tank Status:	**Permanently Out of Use**
Date Closed:	05/24/1992
Tank Capacity:	500
Substance:	Used Oil

AJ191 **HONOLULU FORD INC.** **RCRA-CESQG** **1000334046**
WSW **711 ALA MOANA BLVD** **FINDS** **HID981652043**
1/4-1/2 **HONOLULU, HI 96813** **HI LUST**
0.449 mi. **HI UST**
2372 ft. **Site 2 of 2 in cluster AJ** **HI Financial Assurance**

Relative:
Higher

Actual:
3 ft.

RCRA-CESQG:

Date form received by agency:	09/09/1986
Facility name:	HONOLULU FORD
Facility address:	711 ALA MOANA BLVD HONOLULU, HI 96813
EPA ID:	HID981652043
Mailing address:	ALA MOANA BLVD HONOLULU, HI 96813
Contact:	GARY GIBO
Contact address:	711 ALA MOANA BLVD HONOLULU, HI 96813
Contact country:	US
Contact telephone:	(808) 523-8200
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Conditionally Exempt Small Quantity Generator
Description:	Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from

HONOLULU FORD INC. (Continued) **1000334046**

the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

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

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

Handler Activities Summary:

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

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date:	04/04/1996
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

FINDS:

Registry ID: 110005724573

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource

HONOLULU FORD INC. (Continued) **1000334046**

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.

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

STATE MASTER

LUST:

Facility ID:	9-100937
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	08/22/2006
Release ID:	050036
Project Officer:	Shaobin Li

UST:

Facility ID:	9-100937
Owner:	HONOLULU FORD INC.
Owner Address:	711 ALA MOANA BLVD
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.2966
Longitude:	-157.862
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-01
Date Installed:	05/28/1962
Tank Status:	**Permanently Out of Use**
Date Closed:	10/10/1988
Tank Capacity:	500
Substance:	Used Oil

Tank ID:	R-02
Date Installed:	05/28/1962
Tank Status:	**Permanently Out of Use**
Date Closed:	10/10/1988
Tank Capacity:	500
Substance:	Used Oil

Tank ID:	R-3
Date Installed:	10/28/1988
Tank Status:	**Permanently Out of Use**
Date Closed:	06/29/2005
Tank Capacity:	2500
Substance:	Used Oil

HONOLULU FORD INC. (Continued) **1000334046**

HI Financial Assurance:

Alt Facility ID:	9-100937
Tank Id:	R-01
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not reported

Alt Facility ID:	9-100937
Tank Id:	R-02
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	Not reported

Alt Facility ID:	9-100937
Tank Id:	R-02
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not reported

Alt Facility ID:	9-100937
Tank Id:	R-3
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	Not reported

Alt Facility ID:	9-100937
Tank Id:	R-3
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not reported

Alt Facility ID:	9-100937
Tank Id:	R-01
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	Not reported

192
SSE
1/4-1/2
0.453 mi.
2394 ft.

COMPUTER CITY AT WARD VILLAGE SHOPS **HI LUST** **U003154857**
1108 AUAHI ST **HI UST** **N/A**
HONOLULU, HI 96814

Relative:
Higher

Actual:
3 ft.

LUST:

Facility ID:	9-103178
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	06/12/1997
Release ID:	960071
Project Officer:	Jose Ruiz

UST:

Facility ID:	9-103178
Owner:	VICTORIA WARD LTD
Owner Address:	1210 AUAHI ST / SUITE 115
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2936
Longitude:	-157.853

COMPUTER CITY AT WARD VILLAGE SHOPS (Continued) **U003154857**

Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 03/25/1996
Tank Capacity: 1000
Substance: Diesel

193
SE
1/4-1/2
0.455 mi.
2405 ft.

GASCO, INC.
515 KAMAKEE ST
HONOLULU, HI 96814

HI LUST **U001235293**
HI UST **N/A**

Relative:
Higher

Actual:
3 ft.

LUST:
Facility ID: 9-100917
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 10/25/1995
Release ID: 950004
Project Officer: Roger Brewer

UST:
Facility ID: 9-100917
Owner: THE GAS COMPANY
Owner Address: P.O. BOX 3379
Owner City,St,Zip: Honolulu, 96814 96814
Latitude: 21.2954
Longitude: -157.85
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: 03/24/1977
Tank Status: Permanently Out of Use
Date Closed: 10/13/1994
Tank Capacity: 1000
Substance: Gasoline

Tank ID: R-3
Date Installed: 03/24/1966
Tank Status: Permanently Out of Use
Date Closed: 10/13/1994
Tank Capacity: 500
Substance: Gasoline

194 SE 1/4-1/2 0.461 mi. 2432 ft.

MCKINLEY CAR WASH
1139 KAPIOLANI BLVD
HONOLULU, HI 96814

HI LUST **U001235132**
HI UST **N/A**
HI Financial Assurance

Relative: Higher

Actual: 3 ft.

LUST:

Facility ID:	9-100278
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	09/02/2003
Release ID:	010024
Project Officer:	Shaobin Li

UST:

Facility ID:	9-100278
Owner:	McKINLEY MOTOR SERVICE INC.
Owner Address:	1139 KAPIOLANI BLVD
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2956
Longitude:	-157.849
Horizontal Reference Datum Name:	NAD83

Tank ID:	1B
Date Installed:	10/01/2000
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	6000
Substance:	Gasoline

Tank ID:	1a
Date Installed:	10/01/2000
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	9000
Substance:	Gasoline

Tank ID:	87
Date Installed:	04/01/1984
Tank Status:	**Currently in Use**
Date Closed:	Not reported
Tank Capacity:	9728
Substance:	Gasoline

Tank ID:	R-87
Date Installed:	05/01/1964
Tank Status:	**Permanently Out of Use**
Date Closed:	02/13/2001
Tank Capacity:	8300
Substance:	Gasoline

Tank ID:	R-89
Date Installed:	05/01/1973
Tank Status:	**Permanently Out of Use**
Date Closed:	02/13/2001
Tank Capacity:	5422

MCKINLEY CAR WASH (Continued) **U001235132**

Substance: Gasoline

Tank ID: R-92
Date Installed: 05/01/1964
Tank Status: Permanently Out of Use
Date Closed: 02/13/2001
Tank Capacity: 10500
Substance: Gasoline

HI Financial Assurance:
Alt Facility ID: 9-100278
Tank Id: 1B
Tank Status: Currently In Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100278
Tank Id: R-89
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100278
Tank Id: R-87
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100278
Tank Id: R-92
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100278
Tank Id: 1a
Tank Status: Currently In Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100278
Tank Id: 87
Tank Status: Currently in Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-100278
Tank Id: 1B
Tank Status: Currently In Use
FRTYPE: Insurance
Expiration Date: 01/19/2013

Alt Facility ID: 9-100278
Tank Id: R-87
Tank Status: Permanently Out of Use
FRTYPE: Insurance

MCKINLEY CAR WASH (Continued) **U001235132**

Expiration Date: 01/19/2013

Alt Facility ID: 9-100278
Tank Id: R-89
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 01/19/2013

Alt Facility ID: 9-100278
Tank Id: 1a
Tank Status: Currently In Use
FRTYPE: Insurance
Expiration Date: 01/19/2013

Alt Facility ID: 9-100278
Tank Id: R-92
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: 01/19/2013

Alt Facility ID: 9-100278
Tank Id: 87
Tank Status: Currently in Use
FRTYPE: Insurance
Expiration Date: 01/19/2013

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195 South 1/4-1/2 0.467 mi. 2464 ft.

MCWAYNE MARINE SUPPLY
1125 ALA MOANA BLVD
HONOLULU, HI 96814

HI LUST **U001235457**
HI UST **N/A**
HI Financial Assurance

Relative: Higher

Actual: 3 ft.

LUST:
Facility ID: 9-101369
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 08/31/1995
Release ID: 930107
Project Officer: Eric Sadoyama

Facility ID: 9-100857
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 06/20/2001
Release ID: 000046
Project Officer: Shaobin Li

UST:
Facility ID: 9-100857
Owner: PACIFIC-TMR
Owner Address: KEWALO MARINE SERVICES / 1547 COLBURN ST #201
Owner City,St,Zip: Honolulu, 96814 96814
Latitude: 21.293
Longitude: -157.854
Horizontal Reference Datum Name: NAD83

Tank ID: R-1
Date Installed: 05/05/1969
Tank Status: **Permanently Out of Use**

MCWAYNE MARINE SUPPLY (Continued) **U001235457**

Date Closed: 12/02/1999
Tank Capacity: 1000
Substance: Diesel

Tank ID: R-2
Date Installed: 05/05/1969
Tank Status: Permanently Out of Use
Date Closed: 12/02/1999
Tank Capacity: 1000
Substance: Gasoline

Tank ID: R-B
Date Installed: 05/07/1966
Tank Status: Permanently Out of Use
Date Closed: 02/10/1994
Tank Capacity: 3000
Substance: Diesel

Tank ID: R-C
Date Installed: 05/07/1966
Tank Status: Permanently Out of Use
Date Closed: 02/11/1994
Tank Capacity: 7500
Substance: Diesel

Tank ID: R-D
Date Installed: 05/07/1966
Tank Status: Permanently Out of Use
Date Closed: 02/11/1994
Tank Capacity: 3000
Substance: Gasoline

Tank ID: R-E
Date Installed: 05/07/1966
Tank Status: Permanently Out of Use
Date Closed: 02/11/1994
Tank Capacity: 550
Substance: Other

Tank ID: R-F
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: Not reported
Tank Capacity: 250
Substance: Used Oil

Tank ID: R-G
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: Not reported

MCWAYNE MARINE SUPPLY (Continued) **U001235457**

Tank Capacity: 250
Substance: Used Oil

Tank ID: R-H
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: Not reported
Tank Capacity: Not reported
Substance: Not Listed

HI Financial Assurance:
Alt Facility ID: 9-101369
Tank Id: R-F
Tank Status: Permanently Out of Use
FRTYPE: Surety Bond
Expiration Date: Not reported

Alt Facility ID: 9-101369
Tank Id: R-C
Tank Status: Permanently Out of Use
FRTYPE: Surety Bond
Expiration Date: Not reported

Alt Facility ID: 9-101369
Tank Id: R-H
Tank Status: Permanently Out of Use
FRTYPE: Surety Bond
Expiration Date: Not reported

Alt Facility ID: 9-101369
Tank Id: R-G
Tank Status: Permanently Out of Use
FRTYPE: Surety Bond
Expiration Date: Not reported

Alt Facility ID: 9-101369
Tank Id: R-D
Tank Status: Permanently Out of Use
FRTYPE: Surety Bond
Expiration Date: Not reported

Alt Facility ID: 9-101369
Tank Id: R-B
Tank Status: Permanently Out of Use
FRTYPE: Surety Bond
Expiration Date: Not reported

Alt Facility ID: 9-101369
Tank Id: R-E
Tank Status: Permanently Out of Use
FRTYPE: Surety Bond
Expiration Date: Not reported

AH196 **RESERVE HOUSING TOWER SOIL CONTAMINATION** **HI SHWS** **1006819959**
SE **1141 WAIMANU ST** **HI SPILLS** **N/A**
1/4-1/2 **HONOLULU, HI 96813**
0.471 mi.
2486 ft. **Site 4 of 4 in cluster AH**

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Reserve Housing Tower Soil Contamination
HID Number:	Not reported
Facility Registry Identifier:	110013778322
Lead Agency:	Not reported
Program:	State
Project Manager:	Unassigned
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Reserve Housing Tower Soil Contamination
HID Number:	Not reported
Facility Registry Identifier:	110013778322
Lead Agency:	Not reported
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	NFA
Assessment:	Assessment Ongoing
Response:	Not reported
Nature of Contamination:	Found: oil
Nature of Residual Contamination:	contaminants below HDOH EALs, and under a parking garage.
Use Restrictions:	Undetermined
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action - Type Undetermined
Document Date:	10/25/1995
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Unassigned
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19951025-2
HID Number:	Not reported
Facility Registry Id:	110013778322
Lead and Program:	HEER EP&R
ER:	No
Units:	Reserve Housing Tower
Substances:	oil/stained soil
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Bill Perry

RESERVE HOUSING TOWER SOIL CONTAMINATION (Continued) **1006819959**

Assignment End Date: Not reported
Result: Refer to ISST
File Under: Reserve Housing Tower

197
SW
1/4-1/2
0.485 mi.
2562 ft.

KAKA'AKO SITE: UNIT 8 **US BROWNFIELDS** **1012106997**
BORDERED W BY AHUI ST, N BY KEWALO SHIPYARD, E BY KEWALO BAS **FINDS** **N/A**
HONOLULU, HI 96813

Relative:
Higher

Actual:
3 ft.

US BROWNFIELDS:

Recipient name:	R9 TBA (STAG Funded)
Grant type:	TBA
Property name:	KAKA'AKO SITE: UNIT 8
Property #:	2-1-58: 41, 82, 83, 84, 85, 86, 91
Parcel size:	2
Property Description:	Used as an ash and refuse storage and disposal facility between 1949 and 1955. Historic documentation indicates that the property is reclaimed land and likely composed of incinerator ash mixed with coral and silty / clay fill material. Current activities on the property include a variety of fish brokering, processing, and sales.
Latitude:	21.2948
Longitude:	-157.8605
HCM label:	Address Matching-Other
Map scale:	Not reported
Point of reference:	Other Point
Datum:	World Geodetic System of 1984
ACRES property ID:	27941
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	35113
Assessment funding source:	US EPA - TBA Funding
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	Not reported
Cleanup funding entity:	Not reported
Grant type:	H
Accomplishment type:	Phase II Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	n/a
Ownership entity:	Government
Current owner:	Hawaii Community Development Authority
Did owner change:	N
Cleanup required:	Unknown
Video available:	Not reported
Photo available:	Not reported
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Unknown

KAKA'AKO SITE: UNIT 8 (Continued) **1012106997**

State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Y
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported

KAKA'AKO SITE: UNIT 8 (Continued) **1012106997**

SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported

FINDS:

Registry ID: 110038751687

Environmental Interest/Information System
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

198
NNW
1/4-1/2
0.499 mi.
2637 ft.

MATSON TERMINALS INC **HI LUST** **U003790337**
PIER 52, SAND ISLAND ACCES RD **HI UST** **N/A**
HONOLULU, HI 96803

Relative:
Higher

Actual:
16 ft.

LUST:

Facility ID:	9-103703
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	05/25/2001
Release ID:	010032
Project Officer:	Shunsheng Fu

UST:

Facility ID:	9-103703
Owner:	STATE DOT - HARBORS DIVISION
Owner Address:	Not reported
Owner City,St,Zip:	Honolulu, 96803 96803
Latitude:	21.3068
Longitude:	-157.858
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**

MATSON TERMINALS INC (Continued) **U003790337**

Date Closed:	04/12/2001
Tank Capacity:	550
Substance:	Diesel

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199 West 1/2-1 0.504 mi. 2661 ft. **595 ALA MOANA BLACK OIL PIPELINE** **HI SHWS** **S108859626**
595 ALA MOANA BLVD **HI SPILLS** **N/A**
HONOLULU, HI 96814

Relative: Higher

Actual: 3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	sidewalk manholes fronting Federal ICE Bldg
Island:	Oahu
Environmental Interest:	595 Ala Moana Black Oil Pipeline
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Richard Palmer
Hazard Priority:	Low
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	sidewalk manholes fronting Federal ICE Bldg
SDAR Environmental Interest Name:	595 Ala Moana Black Oil Pipeline
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	Low
Assessment:	Assessment Ongoing
Response:	Not reported
Nature of Contamination:	Found: petroleum in soil
Nature of Residual Contamination:	Not reported
Use Restrictions:	Undetermined
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Honolulu Harbor Downtown Unit
Site Closure Type:	Not reported
Document Date:	Not reported
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Richard Palmer
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	sidewalk manholes fronting Federal ICE Bldg
Case Number:	20070629-1129
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R
ER:	Site Visit
Units:	595 Ala Moana Black Oil pipeline

595 ALA MOANA BLACK OIL PIPELINE (Continued) **S108859626**

Substances:	Bunker C/IFO/HFO
Less Or Greater Than:	Not reported
Numerical Quantity:	2
Units:	Cups
Activity Type:	Response
Activity Lead:	Mike Cripps
Assignment End Date:	2007-07-20 00:00:00
Result:	Refer to SDAR
File Under:	Department of Transportation - Highways Division

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200 SE 1/2-1 0.532 mi. 2808 ft. | **KOOLANI TOWER PROJECT** | **HI SHWS** | **S106818609**
1189 WAIMANU ST | **HI SPILLS** | **N/A**
HONOLULU, HI 96814 | **HI ENG CONTROLS**
HI INST CONTROL

Relative: Higher

Actual: 3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Koolani Tower Project
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Mark Sutterfield
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Koolani Tower Project
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Lead
Nature of Residual Contamination:	Thin layer of lead covered by new condominium building
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Prohibit Any Activity That May Disturb the Integrity of the Capping System. Thin layer of lead covered by new condominium building.
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	02/02/2006
Document Number:	2006-059-MS
Document Subject:	NFA for footprint of building and parking lot in Area 2
Project Manager:	Mark Sutterfield
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu

KOOLANI TOWER PROJECT (Continued) **S106818609**

Supplemental Loc. Text:	Not reported
Case Number:	20040615-1651
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	Koolani Tower Project
Substances:	Diesel Fuel
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Unknown
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	Not reported
Result:	Refer to ISST
File Under:	Cresent Heights

ENG CONTROLS:

Supplemental Location Text:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Potential Hazards And Controls:	Hazard Managed With Controls
Engineering Control:	Engineering Control Required

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

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AK201 **KAKAAKO PUMP STATION** **HI SHWS** **S107022565**
WSW **240 KEAWE ST** **N/A**
1/2-1 **HONOLULU, HI 96813**
0.533 mi.
2814 ft. **Site 1 of 3 in cluster AK**

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Ala Moana Blvd & Forrest St, Kakaako Area
Island:	Oahu
Environmental Interest:	Kakaako Pump Station
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Melody Calisay
Hazard Priority:	Low
Potential Hazards And Controls:	Hazard Present
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Ala Moana Blvd & Forrest St, Kakaako Area
SDAR Environmental Interest Name:	Kakaako Pump Station
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State

KAKAAKO PUMP STATION (Continued) **S107022565**

Potential Hazard And Controls:	Hazard Present
Priority:	Low
Assessment:	Response Necessary
Response:	Response Ongoing
Nature of Contamination:	Found: Subsurface soil samples indicated elevated levels of TPH, benzo(a)pyrene, As, Pb, and Cr above the DOH EAL.
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	Not reported
Document Date:	Not reported
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Melody Calisay
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

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202 **THE QUEEN'S MEDICAL CENTER** **HI SHWS** **1000490311**
North **1301 PUNCHBOWL ST** **HI LUST** **N/A**
1/2-1 **HONOLULU, HI 96813** **HI UST**
0.538 mi. **HI AIRS**
2842 ft. **HI Financial Assurance**

Relative:
Higher

Actual:
20 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Queen's Medical Center UST
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	Not reported
Program:	State
Project Manager:	Eric Sadoyama
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Queen's Medical Center UST
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	Not reported
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	NFA
Assessment:	Assessment Ongoing
Response:	Not reported
Nature of Contamination:	Found: Petroleum in soil
Nature of Residual Contamination:	No (petroleum in soil) contamination left on site is above EALs.
Use Restrictions:	Undetermined
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action - Type Undetermined
Document Date:	08/11/2006

THE QUEEN'S MEDICAL CENTER (Continued) **1000490311**

Document Number: Not reported
Document Subject: Not reported
Project Manager: Eric Sadoyama
Contact Information: (808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

LUST:
Facility ID: 9-100901
Facility Status: Site Cleanup Completed (NFA)
Facility Status Date: 09/24/1999
Release ID: 990096
Project Officer: Richard Takaba

UST:
Facility ID: 9-100901
Owner: THE QUEEN'S MEDICAL CENTER
Owner Address: 1301 Punchbowl Street
Owner City,St,Zip: Honolulu, 96813 96813
Latitude: 21.309
Longitude: -157.854
Horizontal Reference Datum Name: NAD83

Tank ID: M-1
Date Installed: 04/09/1985
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 15000
Substance: Diesel

Tank ID: M-1
Date Installed: 04/09/1985
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 15000
Substance: Diesel

Tank ID: R-4
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 12/17/1998
Tank Capacity: 1000
Substance: Not Listed

Tank ID: R-4
Date Installed: Not reported
Tank Status: Permanently Out of Use
Date Closed: 12/17/1998
Tank Capacity: 1000
Substance: Not Listed

Tank ID: m-2-Mauka
Date Installed: 12/22/2006
Tank Status: Currently In Use

THE QUEEN'S MEDICAL CENTER (Continued) **1000490311**

Date Closed: Not reported
Tank Capacity: 20000
Substance: Diesel

Tank ID: m-2-Mauka
Date Installed: 12/22/2006
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 20000
Substance: Diesel

Tank ID: m-3-Makai
Date Installed: 12/22/2006
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 20000
Substance: Diesel

Tank ID: m-3-Makai
Date Installed: 12/22/2006
Tank Status: Currently In Use
Date Closed: Not reported
Tank Capacity: 20000
Substance: Diesel

AIRS:
Facility ID: 0353-02-C
Island: Oahu
Mailing Address: 1301 Punchbowl Street
Locale: Not reported
Mailing City,St,Zip: Honolulu, HI 96813
Contact Name: Bob Laube
Contact Title: Facility Engineer
Description: Four (4) 3,286 bhp Diesel Engine Generators and Two (2) 8.2 MMBtu/hr Steam BoilersAttachment IIAThis attachment encompasses the following equipment and associated appurtenances:a. One (1) 3,286 bhp Caterpillar Diesel Engine Generator set, model no. 3516B, serial no. PBR00266, manufactured in November 2006, unit no. U-1;b. One (1) 3,286 bhp Caterpillar Diesel Engine Generator set, model no. 3516B, serial no. PBR00267, manufactured in November 2006, unit no. U-2;c. One (1) 3,286 bhp Caterpillar Diesel Engine Generator set, model no. 3516B, serial no. PBR00268, manufactured in November 2006, unit no. U-3; andd. One (1) 3,286 bhp Caterpillar Diesel Engine Generator set, model no. 3516B, serial no. PBR00269, manufactured in November 2006, unit no. U-4.Attachment IIBThis attachment encompasses the following equipment and associated appurtenances:a. One (1) 8.2 MMBtu/hr fire tube steam boilers, Cleaver Brooks model no. CB200-200-150, serial nos. OL103324; andb. One (1) 8.2 MMBtu/hr fire tube steam boilers, Cleaver Brooks model no. CB200-200-150, serial nos. OL103325.

HI Financial Assurance:
Alt Facility ID: 9-100901
Tank Id: R-4

THE QUEEN'S MEDICAL CENTER (Continued) **1000490311**

Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	06/20/2014
Alt Facility ID:	9-100901
Tank Id:	m-3-Makai
Tank Status:	Currently In Use
FRTYPE:	Insurance
Expiration Date:	06/20/2014
Alt Facility ID:	9-100901
Tank Id:	m-2-Mauka
Tank Status:	Currently In Use
FRTYPE:	Insurance
Expiration Date:	06/20/2014
Alt Facility ID:	9-100901
Tank Id:	M-1
Tank Status:	Currently In Use
FRTYPE:	Insurance
Expiration Date:	06/20/2014

AK203 **HCDA/UH HEALTH AND WELLNESS CENTER** **HI SHWS** **1006821120**
WSW **651 ILALO ST** **HI ENG CONTROLS** **N/A**
1/2-1 **HONOLULU, HI 96813** **HI INST CONTROL**
0.560 mi.
2957 ft. **Site 2 of 3 in cluster AK**

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	HCDA/UH Medical School
HID Number:	Not reported
Facility Registry Identifier:	110013791673
Lead Agency:	HEER
Program:	State
Project Manager:	Laura Young
Hazard Priority:	High
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	HCDA/UH Medical School
HID Number:	Not reported
Facility Registry Identifier:	110013791673
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	High
Assessment:	Assessment Ongoing
Response:	Response Ongoing
Nature of Contamination:	Found: The whole Kakaako area is considered contaminated area. The site is filled with ash material generated from two incenerators previously operating at the site. Pb was found to be above HDOH EAL for commercial/industrial
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination

HCDA/UH HEALTH AND WELLNESS CENTER (Continued) **1006821120**

Engineering Control:	Engineering Control Required
Description of Restrictions:	An exposure management plan is in use.
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	12/30/2002
Document Number:	Not reported
Document Subject:	NFA letter
Project Manager:	Laura Young
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

ENG CONTROLS:

Supplemental Location Text:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Potential Hazards And Controls:	Hazard Managed With Controls
Engineering Control:	Engineering Control Required

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

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AK204 **ALA MOANA WASTEWATER PUMP STATION** **HI SHWS** **U001235062**
WSW **210 KEAWE ST** **HI UST** **N/A**
1/2-1 **HONOLULU, HI 96813** **HI INST CONTROL**
0.564 mi. **HI Financial Assurance**
2980 ft. **Site 3 of 3 in cluster AK**

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Ala Moana #2 WWPS
HID Number:	Not reported
Facility Registry Identifier:	110014053273
Lead Agency:	Not reported
Program:	State
Project Manager:	Clarence Callahan
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Ala Moana #2 WWPS
HID Number:	Not reported
Facility Registry Identifier:	110014053273
Lead Agency:	Not reported
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Low levels of hydrocarbon and metals in soil and groundwater.
Nature of Residual Contamination:	Low levels of hydrocarbon and metals in soil and groundwater.

ALA MOANA WASTEWATER PUMP STATION (Continued) **U001235062**

Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	No Engineering Control Required
Description of Restrictions:	Test excavated soil prior to disposal at landfill in accordance with the TGM and landfill requirements. Complete a health and safety plan to protect workers from exposure. Follow "Guidance Fact Sheet for Use when Petroleum Contamination is Encountered..."
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	02/16/2006
Document Number:	2006-093-CAC
Document Subject:	Review of Final Site Investigation Report for Ala Moana Wastewater Pump Station, Honolulu HI
Project Manager:	Clarence Callahan
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

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
Latitude:	21.2976
Longitude:	-157.864
Horizontal Reference Datum Name:	NAD83

Tank ID:	M-1
Date Installed:	05/07/1980
Tank Status:	**Currently in Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Diesel

Tank ID:	M-1
Date Installed:	05/07/1980
Tank Status:	**Currently in Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Diesel

Tank ID:	M-2
Date Installed:	04/01/2005
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Diesel

Tank ID:	M-2
Date Installed:	04/01/2005
Tank Status:	**Currently In Use**
Date Closed:	Not reported
Tank Capacity:	10000
Substance:	Diesel

ALA MOANA WASTEWATER PUMP STATION (Continued) **U001235062**

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

HI Financial Assurance:

Alt Facility ID:	9-100135
Tank Id:	M-1
Tank Status:	Currently in Use
FRTYPE:	Other
Expiration Date:	06/30/2014

Alt Facility ID:	9-100135
Tank Id:	M-2
Tank Status:	Currently In Use
FRTYPE:	Other
Expiration Date:	06/30/2014

205
SE
1/2-1
0.581 mi.
3067 ft.

EVERSHINE X **HI SHWS** **S105262688**
1230 KAPIOLANI BLVD **HI VCP** **N/A**
HONOLULU, HI 96814

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Evershine X
HID Number:	Not reported
Facility Registry Identifier:	110013780934
Lead Agency:	HEER
Program:	Voluntary Response Program
Project Manager:	Mark Sutterfield
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Evershine X
HID Number:	Not reported
Facility Registry Identifier:	110013780934
Lead Agency:	HEER
Progran Name:	Voluntary Response Program
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Petroleum products
Nature of Residual Contamination:	Petroleum contaminated soil
Use Restrictions:	No Hazard Present For Unrestricted Residential Use
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported

EVERSHINE X (Continued) **S105262688**

Site Closure Type:	Letter of Completion - Unrestricted Residential Use
Document Date:	08/18/2004
Document Number:	2004-338-MS
Document Subject:	LOC for Evershine X no conditions
Project Manager:	Mark Sutterfield
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

VCP:

Program:	Voluntary Response Program
Zip Suffix:	Not reported
Supplemental Location:	Not reported
Island:	Oahu

206
NNE
1/2-1
0.597 mi.
3154 ft.

1510 FREAR STREET **HI SHWS** **S107024174**
1510 FREAR ST **HI SPILLS** **N/A**
HONOLULU, HI 96813

Relative:
Higher

Actual:
69 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Unit A
Island:	Oahu
Environmental Interest:	1510A Frear Street
HID Number:	Not reported
Facility Registry Identifier:	110013783478
Lead Agency:	HEER
Program:	State
Project Manager:	Eric Sadoyama
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Unit A
SDAR Environmental Interest Name:	1510A Frear Street
HID Number:	Not reported
Facility Registry Identifier:	110013783478
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Response Not Necessary
Response:	Not reported
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Appears to be a small motor oil release that has attenuated.
Use Restrictions:	No Hazard Present for Unrestricted Residential Use
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Unrestricted Residential Use
Document Date:	07/15/2005
Document Number:	2005-351-ES
Document Subject:	"No further action" determination
Project Manager:	Eric Sadoyama
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

1510 FREAR STREET (Continued) **S107024174**

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Unit A
Case Number:	19950404
HID Number:	Not reported
Facility Registry Id:	110013783478
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	1510A Frear Street
Substances:	Not reported
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Chris Takeno
Assignment End Date:	Not reported
Result:	Refer to ISST
File Under:	1510A Frear Street

207
SE
1/2-1
0.609 mi.
3215 ft.

DURANT PROPERTIES **HI SHWS** **S109096045**
1235 KONA ST **HI INST CONTROL** **N/A**
HONOLULU, HI

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	1226 Waimanu St
Island:	Oahu
Environmental Interest:	Durant Properties
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Cal Miyahara
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	1226 Waimanu St
SDAR Environmental Interest Name:	Durant Properties
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Nickel above Tier 1 EAL in GW and Cadmium above Tier 1 EAL in soil.
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported

DURANT PROPERTIES (Continued) **S109096045**

Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	06/17/2011
Document Number:	2011-323-CMM
Document Subject:	Environmental Hazard Evaluation & Environmental Hazard Management Plan, 1235 Kona St, February 2011
Project Manager:	Cal Miyahara
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	1226 Waimanu St
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

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208
SW
1/2-1
0.612 mi.
3231 ft.

KEWALO INCINERATOR ASH DUMP **HI SHWS** **S108859950**
111 OHE ST **HI SPILLS** **N/A**
HONOLULU, HI 96813 **HI INST CONTROL**

Relative:
Higher

Actual:
4 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Kewalo Incinerator
HID Number:	Not reported
Facility Registry Identifier:	110013769626
Lead Agency:	HEER
Program:	State
Project Manager:	Cal Miyahara
Hazard Priority:	Medium
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Kewalo Incinerator
HID Number:	Not reported
Facility Registry Identifier:	110013769626
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	Medium
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Not reported
Nature of Residual Contamination:	No COCs above EALs for this limited area, ICs in place for other parts of site
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Not reported
Description of Restrictions:	Prohibit Disturbance of Soil
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	01/08/2008
Document Number:	2008-015-CMM
Document Subject:	No Further Action Determination

KEWALO INCINERATOR ASH DUMP (Continued) **S108859950**

Project Manager: Cal Miyahara
Contact Information: (808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19920724-6
HID Number:	Not reported
Facility Registry Id:	110013769626
Lead and Program:	HEER EP&R
ER:	None
Units:	Kewalo Incinerator
Substances:	Incinerator Ash
Less Or Greater Than:	Not reported
Numerical Quantity:	0
Units:	Not reported
Activity Type:	Response
Activity Lead:	Mike Cripps
Assignment End Date:	Not reported
Result:	Not reported
File Under:	State of Hawaii, Hawaii Community Development Authority

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

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AL209 **KAKAAKO MAKAI DISTRICT PARKING GARAGE-UNIT 1AND 3** **HI SHWS** **S108859949**
SW **AHUI ST, OHE ST, ILALO ST & OLOMEHANI ST** **HI ENG CONTROLS** **N/A**
1/2-1 **HONOLULU, HI 96813** **HI INST CONTROL**
0.628 mi.
3314 ft. **Site 1 of 3 in cluster AL**

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Kakaako Makai District Parking Garage-Unit 1and 3
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Melody Calisay
Hazard Priority:	Medium
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Kakaako Makai District Parking Garage-Unit 1and 3
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	Medium

KAKAAKO MAKAI DISTRICT PARKING GARAGE-UNIT 1AND 3 (Continued) **S108859949**

Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Lead in soil
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Prohibit Any Activity That May Disturb the Integrity of the Capping System
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	Not reported
Document Date:	Not reported
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Melody Calisay
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

ENG CONTROLS:

Supplemental Location Text:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Potential Hazards And Controls:	Hazard Managed With Controls
Engineering Control:	Engineering Control Required

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

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AL210 **C&C WASTE WATER DIVISION MAINTENANCE YARD** **HI SHWS** **1006820134**
SW **98 KOULA ST** **N/A**
1/2-1 **HONOLULU, HI 96813**
0.634 mi.
3348 ft. **Site 2 of 3 in cluster AL**

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	City & County Wastewater Collection System Maintenance Yard
HID Number:	Not reported
Facility Registry Identifier:	110013780382
Lead Agency:	Not reported
Program:	State
Project Manager:	Unassigned
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	City & County Wastewater Collection System Maintenance Yard
HID Number:	Not reported
Facility Registry Identifier:	110013780382
Lead Agency:	Not reported
Progran Name:	State

C&C WASTE WATER DIVISION MAINTENANCE YARD (Continued) **1006820134**

Potential Hazard And Controls:	Hazard Undetermined
Priority:	NFA
Assessment:	Assessment Ongoing
Response:	Not reported
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Not reported
Use Restrictions:	Undetermined
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action - Type Undetermined
Document Date:	07/09/2001
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Unassigned
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

AL211 **KAKAAKO BROWNFIELD PROJECT - UNIT 8** **HI SHWS** **S108008547**
SW **59 AHUI ST** **HI ENG CONTROLS** **N/A**
1/2-1 **HONOLULU, HI 96814** **HI INST CONTROL**
0.649 mi.
3427 ft. **Site 3 of 3 in cluster AL**

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Kakaako Brownfield Project-Unit 8
HID Number:	Not reported
Facility Registry Identifier:	110013787688
Lead Agency:	HEER
Program:	State
Project Manager:	Melody Calisay
Hazard Priority:	High
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Kakaako Brownfield Project-Unit 8
HID Number:	Not reported
Facility Registry Identifier:	110013787688
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	High
Assessment:	Response Necessary
Response:	Response Ongoing
Nature of Contamination:	Found: Laboratory analytical results of soil samples collected from the site indicated elevated levels of Pb, As, and PAH's above DOH Tier I EAL in soil.
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Zoned - Industrial
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	Not reported

KAKAAKO BROWNFIELD PROJECT - UNIT 8 (Continued) **S108008547**

Document Date:	Not reported
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Melody Calisay
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

ENG CONTROLS:

Supplemental Location Text:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Potential Hazards And Controls:	Hazard Managed With Controls
Engineering Control:	Engineering Control Required

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

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212
ESE
1/2-1
0.656 mi.
3463 ft.

Relative:
Higher

Actual:
3 ft.

CENPAC PROPERTIES - OFFICE BUILDING **HI SHWS** **U003402842**
615 PIIKOI ST **HI LUST** **N/A**
HONOLULU, HI 96814 **HI UST**
HI SPILLS
HI Financial Assurance

SHWS:

Organization:	Not reported
Supplemental Location:	Iwilei, Honolulu Harbor
Island:	Oahu
Environmental Interest:	Honolulu Harbor Iwilei District Operating Parties
HID Number:	Not reported
Facility Registry Identifier:	110013785868
Lead Agency:	HEER
Program:	State
Project Manager:	Mike Cripps
Hazard Priority:	Medium
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Iwilei, Honolulu Harbor
SDAR Environmental Interest Name:	Honolulu Harbor Iwilei District Operating Parties
HID Number:	Not reported
Facility Registry Identifier:	110013785868
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	Medium
Assessment:	Assessment Ongoing
Response:	Not reported
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Not reported
Use Restrictions:	Undetermined
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Honolulu Harbor Iwilei Unit

CENPAC PROPERTIES - OFFICE BUILDING (Continued) **U003402842**

Site Closure Type:	Not reported
Document Date:	Not reported
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Mike Cripps
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

LUST:

Facility ID:	9-103438
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	07/07/1999
Release ID:	990205
Project Officer:	David Hodges

UST:

Facility ID:	9-103438
Owner:	CENPAC PROPERTIES
Owner Address:	1150 S KING ST SUITE 1101
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2953
Longitude:	-157.846
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-M-1
Date Installed:	Not reported
Tank Status:	**Permanently Out of Use**
Date Closed:	10/20/1998
Tank Capacity:	150
Substance:	Diesel

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Honolulu Harbor
Case Number:	20101216-1230
HID Number:	Not reported
Facility Registry Id:	110013785868
Lead and Program:	HEER EP&R
ER:	None
Units:	Potential to release OU1C
Substances:	Petroleum
Less Or Greater Than:	Not reported
Numerical Quantity:	0
Units:	Not reported
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	Not reported
Result:	Pending
File Under:	Iwilei District Participating Parties, LLC

HI Financial Assurance:

Alt Facility ID:	9-103438
Tank Id:	R-M-1
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	Not reported

CENPAC PROPERTIES - OFFICE BUILDING (Continued) **U003402842**

Alt Facility ID:	9-103438
Tank Id:	R-M-1
Tank Status:	Permanently Out of Use
FRTYPE:	Surety Bond
Expiration Date:	Not reported

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213 WSW 1/2-1 0.662 mi. 3495 ft. | **KEWALO INCINERATOR LANDFILL**
709 KELIKOI ST
HONOLULU, HI 96813 | **HI SHWS** **S108859951**
HI ENG CONTROLS **N/A**
HI INST CONTROL

Relative: Higher

Actual: 3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	709 Kelikoi St
Island:	Oahu
Environmental Interest:	Kewalo Incinerator Landfill
HID Number:	HID980497226
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Melody Calisay
Hazard Priority:	Low
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	709 Kelikoi St
SDAR Environmental Interest Name:	Kewalo Incinerator Landfill
HID Number:	HID980497226
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	Low
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Pb, PAH in soil
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Prohibit Disturbance of Soil
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	Historic NFA - Incomplete Documentation
Document Date:	02/23/1990
Document Number:	Not reported
Document Subject:	Feasibility Study Kewalo Municipal Incinerator Landfill, Honolulu HI Volume I (Sections 1 through 5
Project Manager:	Melody Calisay
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

ENG CONTROLS:

Supplemental Location Text:	709 Kelikoi St
Zip Suffix:	Not reported
Island:	Oahu
Potential Hazards And Controls:	Hazard Managed With Controls
Engineering Control:	Engineering Control Required

KEWALO INCINERATOR LANDFILL (Continued) **S108859951**

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	709 Kelikoi St
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

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214
ENE
1/2-1
0.683 mi.
3604 ft.

1310 PENSACOLA STREET **HI SHWS** **S111704658**
1310 PENSACOLA ST **N/A**
HONOLULU, HI

Relative:
Higher

Actual:
27 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	1310 Pensacola Street
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Paul Chong
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	1310 Pensacola Street
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Not reported
Use Restrictions:	No Hazard Present For Unrestricted Residential Use
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Unrestricted Residential Use
Document Date:	07/26/2011
Document Number:	2011-433-PC
Document Subject:	No Further Action Determination for the Underground Storage Tank Closure and Release Report dated Ma
Project Manager:	Paul Chong
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

215 East 1/2-1 0.685 mi. 3619 ft. | **1012 PIIKOI STREET, ANIN-PIIKOI BUILDING**
1012 PIIKOI ST
HONOLULU, HI 96814

HI SHWS **S106815117**
HI SPILLS **N/A**

Relative: Higher

Actual: 13 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Anin-Piikoi Building
Island:	Oahu
Environmental Interest:	Anin-Piikoi Building Site
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	Not reported
Program:	State
Project Manager:	Richard Palmer
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Anin-Piikoi Building
SDAR Environmental Interest Name:	Anin-Piikoi Building Site
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	Not reported
Progran Name:	State
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Not reported
Use Restrictions:	No Hazard Present for Unrestricted Residential Use
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Unrestricted Residential Use
Document Date:	03/16/2004
Document Number:	2004-103-MS
Document Subject:	NFA Anin-Piikoi
Project Manager:	Richard Palmer
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Anin-Piikoi Building
Case Number:	20020523-1051
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	Anin-Piikoi Building Chemical Spill
Substances:	Chlordane
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Terry Corpus

1012 PIIKOI STREET, ANIN-PIIKOI BUILDING (Continued) **S106815117**

Assignment End Date:	2003-10-07 00:00:00
Result:	Refer to ISST
File Under:	SCI Noel

Island:	Oahu
Supplemental Loc. Text:	Anin-Piikoi Building
Case Number:	20020523-1051
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	Anin-Piikoi Building Chemical Spill
Substances:	dieldrin
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Terry Corpus
Assignment End Date:	2003-10-07 00:00:00
Result:	Refer to ISST
File Under:	SCI Noel

Island:	Oahu
Supplemental Loc. Text:	Anin-Piikoi Building
Case Number:	20020523-1051
HID Number:	Not reported
Facility Registry Id:	Not reported
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	Anin-Piikoi Building Chemical Spill
Substances:	fluoranthene
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Terry Corpus
Assignment End Date:	2003-10-07 00:00:00
Result:	Refer to ISST
File Under:	SCI Noel

216
NNW
1/2-1
0.696 mi.
3673 ft.

CAPITOL PLACE DEVELOPMENT PROJECT **HI SHWS** **S108008488**
1212 QUEEN EMMA ST **N/A**
HONOLULU, HI 96813

Relative:
Higher

Actual:
23 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Capitol Place Development Project
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Mark Sutterfield
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard

CAPITOL PLACE DEVELOPMENT PROJECT (Continued) **S108008488**

Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Capitol Place Development Project
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Diesel, lead
Nature of Residual Contamination:	Lead contaminated soil
Use Restrictions:	No Hazard Present for Unrestricted Residential Use
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Unrestricted Residential Use
Document Date:	11/15/2005
Document Number:	2005-583-MS
Document Subject:	NFA letter for Capitol Development Project 1212 Queen Emma St
Project Manager:	Mark Sutterfield
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

217
WNW
1/2-1
0.700 mi.
3697 ft.

Relative:
Higher

Actual:
3 ft.

HONOLULU GENERATING STATION
170 ALA MOANA BLVD.
HONOLULU, HI 96813

RCRA-TSDF **1000146691**
CERC-NFRAP **HID000150680**
CORRACTS
RCRA-SQG
HI SHWS
HI SPILLS
CA HAZNET
HI AIRS
2020 COR ACTION

RCRA-TSDF:

Date form received by agency:	02/26/2004
Facility name:	HONOLULU GENERATING STATION
Facility address:	170 ALA MOANA BLVD. HONOLULU, HI 96813
EPA ID:	HID000150680
Mailing address:	P.O. BOX 2750 HONOLULU, HI 96840
Contact:	DONN T FUKUDA
Contact address:	Not reported Not reported
Contact country:	Not reported
Contact telephone:	(808) 543-4525
Contact email:	DONN.FUKUDA@HECO.COM
EPA Region:	09
Land type:	Private
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:

HONOLULU GENERATING STATION (Continued) **1000146691**

Owner/operator name: HAWAIIAN ELECTRIC COMPANY, INC
Owner/operator address: P.O. BOX 2750
HONOLULU, HI 96840
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1893
Owner/Op end date: Not reported

Owner/operator name: HAWAIIAN ELECTRIC CO., INC.
Owner/operator address: PO BOX 2750
CITY NOT REPORTED, HI 99999
Owner/operator country: Not reported
Owner/operator telephone: (808) 548-7311
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HAWAIIAN ELECTRIC CO., INC.
Owner/operator address: PO BOX 2750
HONOLULU, HI 96840
Owner/operator country: Not reported
Owner/operator telephone: (808) 548-7311
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: HAWAIIAN ELECTRIC COMPANY, INC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1893
Owner/Op end date: Not reported

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

HONOLULU GENERATING STATION (Continued) **1000146691**

Historical Generators:

Date form received by agency: 03/19/2003
Site name: HONOLULU GENERATING STATION
Classification: Small Quantity Generator

Date form received by agency: 07/29/1993
Site name: HAWAIIAN ELECTRIC CO HONOLULU GEN STE
Classification: Small Quantity Generator

Date form received by agency: 10/15/1992
Site name: HAWAIIAN ELECTRIC CO HONOLULU GEN STE
Classification: Large Quantity Generator

Hazardous Waste Summary:

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

Waste code: D002
Waste name: 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.

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D018
Waste name: BENZENE

Waste code: F003
Waste name: 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.

HONOLULU GENERATING STATION (Continued) **1000146691**

Waste code: P106
Waste name: SODIUM CYANIDE

Corrective Action Summary:

Event date: 01/01/1990
Event: CA029ST

Event date: 04/30/1990
Event: CA049PA

Event date: 04/30/1990
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Event date: 04/30/1990
Event: CA029EP

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: 04/01/2010
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 12/11/2012
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 12/11/2012
Event: CA550RC

Facility Has Received Notices of Violations:

Regulation violated: FR - 40 CFR 262.34(a)(2)

HONOLULU GENERATING STATION (Continued) **1000146691**

Area of violation: Generators - Pre-transport
Date violation determined: 03/18/2003
Date achieved compliance: 03/18/2004
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 05/28/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 262.34(a)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 03/18/2003
Date achieved compliance: 03/18/2004
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 05/15/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 262.34(a)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 03/18/2003
Date achieved compliance: 03/18/2004
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/31/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 279.22(c)(1)
Area of violation: Used Oil - Generators
Date violation determined: 03/18/2003
Date achieved compliance: 03/18/2004
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 05/15/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 279.22(c)(1)
Area of violation: Used Oil - Generators

HONOLULU GENERATING STATION (Continued) **1000146691**

Date violation determined: 03/18/2003
Date achieved compliance: 03/18/2004
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 05/28/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 40 CFR 279.22(c)(1)
Area of violation: Used Oil - Generators
Date violation determined: 03/18/2003
Date achieved compliance: 03/18/2004
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/31/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 03/31/1986
Date achieved compliance: 05/08/1986
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/31/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 03/18/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 03/18/2004
Evaluation lead agency: EPA

Evaluation date: 03/18/2003
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/18/2004
Evaluation lead agency: EPA

Evaluation date: 03/13/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported

HONOLULU GENERATING STATION (Continued) **1000146691**

Evaluation lead agency: EPA

Evaluation date: 09/15/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/31/1986
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 05/08/1986
Evaluation lead agency: EPA

Evaluation date: 02/13/1986
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: EPA

Evaluation date: 07/11/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

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 Details:
Contact Sequence ID: 13037252.00000
Person ID: 9000059.00000

Program Priority:
Description: RCRA Deferral - Lead Confirmed

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: / /
Date Completed: 05/08/90
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 05/15/90
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 01/23/96
Priority Level: Not reported

HONOLULU GENERATING STATION (Continued) **1000146691**

CORRACTS:

EPA ID: HID000150680
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20100401
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 221112
Fossil Fuel Electric Power Generation
Original schedule date: 20100401
Schedule end date: Not reported

EPA ID: HID000150680
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20121211
Action: CA550RC
NAICS Code(s): 221112
Fossil Fuel Electric Power Generation
Original schedule date: 20121211
Schedule end date: Not reported

EPA ID: HID000150680
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 20121211
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 221112
Fossil Fuel Electric Power Generation
Original schedule date: 20121211
Schedule end date: Not reported

EPA ID: HID000150680
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19920316
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 221112
Fossil Fuel Electric Power Generation
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: HID000150680
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 19900430
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 221112
Fossil Fuel Electric Power Generation
Original schedule date: Not reported
Schedule end date: Not reported

HONOLULU GENERATING STATION (Continued) **1000146691**

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Hawaiian Electric Company (HECO)-Honolulu Generating Station
HID Number:	HID000150680
Facility Registry Identifier:	110000700064
Lead Agency:	HEER
Program:	State
Project Manager:	Unassigned
Hazard Priority:	Low
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Hawaiian Electric Company (HECO)-Honolulu Generating Station
HID Number:	HID000150680
Facility Registry Identifier:	110000700064
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	Low
Assessment:	Response Not Necessary
Response:	Not reported
Nature of Contamination:	Found: Heavy fuel oil - probably not migrating; no contact hazard due to soil; may be probable release to surface water - 3/7/1996
Nature of Residual Contamination:	Not reported
Use Restrictions:	Undetermined
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Honolulu Harbor Downtown Unit
Site Closure Type:	Not reported
Document Date:	Not reported
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Unassigned
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20011024-1407
HID Number:	HID000150680
Facility Registry Id:	110000700064
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	Guzzler Hydraulic Fluid Spill
Substances:	Hydraulic Fluid
Less Or Greater Than:	Not reported
Numerical Quantity:	10
Units:	Gallons
Activity Type:	Response
Activity Lead:	Not reported
Assignment End Date:	Not reported
Result:	Not reported

HONOLULU GENERATING STATION (Continued) **1000146691**

File Under:	Hawaiian Electric Company (HECO)-Honolulu Generating Station
Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19980415-0845
HID Number:	HID000150680
Facility Registry Id:	110000700064
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	HECO-Honolulu Gererating Station
Substances:	Fuel Oil
Less Or Greater Than:	Not reported
Numerical Quantity:	35
Units:	Gallons
Activity Type:	Response
Activity Lead:	Not reported
Assignment End Date:	Not reported
Result:	Not reported
File Under:	Hawaiian Electric Company (HECO)-Honolulu Generating Station
Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20040708-0700
HID Number:	HID000150680
Facility Registry Id:	110000700064
Lead and Program:	HEER EP&R
ER:	No
Units:	Honolulu Generating Station Seawater Intake
Substances:	Oil Sheen
Less Or Greater Than:	<
Numerical Quantity:	1
Units:	Gallons
Activity Type:	Response
Activity Lead:	Paul Chong
Assignment End Date:	2004-07-08 00:00:00
Result:	SOSC NFA
File Under:	Hawaiian Electric Company (HECO)-Honolulu Generating Station
Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20041105-1850
HID Number:	HID000150680
Facility Registry Id:	110000700064
Lead and Program:	HEER EP&R
ER:	No
Units:	Ward Avenue Blown Transformer
Substances:	Shell Diala Oil
Less Or Greater Than:	Not reported
Numerical Quantity:	100
Units:	Gallons
Activity Type:	Response
Activity Lead:	Paul Chong
Assignment End Date:	2004-11-09 00:00:00
Result:	SOSC NFA
File Under:	Hawaiian Electric Company (HECO)-Honolulu Generating Station
Island:	Oahu

HONOLULU GENERATING STATION (Continued) **1000146691**

Supplemental Loc. Text:	Not reported
Case Number:	19960214-1545
HID Number:	HID000150680
Facility Registry Id:	110000700064
Lead and Program:	HEER EP&R
ER:	No
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
Activity Lead:	Chris Takeno
Assignment End Date:	Not reported
Result:	SOSC NFA
File Under:	Hawaiian Electric Company (HECO)-Honolulu Generating Station

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

HAZNET:

Year:	2013
Gepaid:	HID000150680
Contact:	DONN FUKUDA
Telephone:	8085435674
Mailing Name:	Not reported
Mailing Address:	170 ALA MOANA BLVD
Mailing City,St,Zip:	HONOLULU, HI 968130000
Gen County:	99
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0325
Facility County:	Not reported

Year:	2013
Gepaid:	HID000150680
Contact:	DONN FUKUDA
Telephone:	8085435674
Mailing Name:	Not reported
Mailing Address:	170 ALA MOANA BLVD
Mailing City,St,Zip:	HONOLULU, HI 968130000
Gen County:	99
TSD EPA ID:	CAD059494310
TSD County:	Santa Clara
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	2.25
Facility County:	Not reported

Year:	2013
Gepaid:	HID000150680
Contact:	DONN FUKUDA
Telephone:	8085435674

HONOLULU GENERATING STATION (Continued) **1000146691**

Mailing Name: Not reported
Mailing Address: 170 ALA MOANA BLVD
Mailing City,St,Zip: HONOLULU, HI 968130000
Gen County: 99
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.25
Facility County: Not reported

Year: 2012
Gepaid: HID000150680
Contact: DONN FUKUDA
Telephone: 8085435674
Mailing Name: Not reported
Mailing Address: 170 ALA MOANA BLVD
Mailing City,St,Zip: HONOLULU, HI 968130000
Gen County: 99
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.075
Facility County: 99

Year: 2012
Gepaid: HID000150680
Contact: DONN FUKUDA
Telephone: 8085435674
Mailing Name: Not reported
Mailing Address: 170 ALA MOANA BLVD
Mailing City,St,Zip: HONOLULU, HI 968130000
Gen County: 99
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.01
Facility County: 99

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

AIRS:
Facility ID: 0238-01-C
Island: Oahu
Mailing Address: P.O. Box 2750
Locale: Not reported
Mailing City,St,Zip: Honolulu, HI 96840-0001
Contact Name: Sheri-Ann Loo
Contact Title: Manager, Environmental Department
Description: Honolulu Generating StationThis permit encompasses the following equipment and associated appurtenances:HECOUnit No.Description856 MW

HONOLULU GENERATING STATION (Continued) **1000146691**

Babcock and Wilcox Boiler, 589.0 MMBtu/hr957 MW Babcock and Wilcox Boiler, 631.5 MMBtu/hr

2020 COR ACTION:

EPA ID:	HID000150680
Region:	9
Action:	Not reported

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218 East 1/2-1 0.768 mi. 4057 ft.

GRACE OTSUKA APARTMENT COMPLEX
1233 YOUNG ST
HONOLULU, HI 96814

HI SHWS **S110061466**
HI ENG CONTROLS **N/A**
HI INST CONTROL

Relative: Higher

Actual: 17 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Grace Otsuka Apartment Complex
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Kelton Otsuka
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Grace Otsuka Apartment Complex
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Soil contaminated with diesel.
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Not reported
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	07/21/2008
Document Number:	2008-482-KO
Document Subject:	Underground Storage Tank Closure and Release Response Report, April 2008, Grace Otsuka Apartment Com
Project Manager:	Kelton Otsuka
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

ENG CONTROLS:

Supplemental Location Text:	Not reported
Zip Suffix:	Not reported
Island:	Oahu

GRACE OTSUKA APARTMENT COMPLEX (Continued) **S110061466**

Potential Hazards And Controls: Hazard Managed With Controls
Engineering Control: Engineering Control Required

INST CONTROL:
Potential hazards and controls: Hazard Managed With Controls
Supplemental Location: Not reported
Zip Suffix: Not reported
Island: Oahu
Institutional Control: Government - Hawaii Dept. of Health Letter Issued

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219 East 1/2-1 0.783 mi. 4136 ft.

Relative: Higher

Actual: 20 ft.

SCHUMAN CARRIAGE MOTORS, LTD.
1234 S BERETANIA ST
HONOLULU, HI 96814

HI SHWS **U003221663**
HI LUST **N/A**
HI UST
HI SPILLS
HI INST CONTROL
HI Financial Assurance

SHWS:
Organization: Not reported
Supplemental Location: Not reported
Island: Oahu
Environmental Interest: Safeway 1234 South Beretania Street Hydraulic Fluid
HID Number: Not reported
Facility Registry Identifier: 110013778698
Lead Agency: HEER
Program: State
Project Manager: Kelton Otsuka
Hazard Priority: NFA
Potential Hazards And Controls: Hazard Managed With Controls
Organization: Not reported
Island: Oahu
Supplemental Location Text: Not reported
SDAR Environmental Interest Name: Safeway 1234 South Beretania Street Hydraulic Fluid
HID Number: Not reported
Facility Registry Identifier: 110013778698
Lead Agency: HEER
Progran Name: State
Potential Hazard And Controls: Hazard Managed With Controls
Priority: NFA
Assessment: Response Necessary
Response: Response Complete
Nature of Contamination: Found: Hydraulic Fluid
Nature of Residual Contamination: TPH-O from hydraulic lifts. NFA with IC. Contamination left at depths below 7' bgs.
Use Restrictions: Controls Required to Manage Contamination
Engineering Control: No Engineering Control Required
Description of Restrictions: Not reported
Institutional Control: Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination: Not reported
Site Closure Type: No Further Action Letter - Restricted Use
Document Date: 08/26/2011
Document Number: 2011-493-KO
Document Subject: No Further Action Determination with Institutional Controls for the Safeway #2944 (former Schuman Ca
Project Manager: Kelton Otsuka
Contact Information: (808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

SCHUMAN CARRIAGE MOTORS, LTD. (Continued) **U003221663**

LUST:

Facility ID:	9-101276
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	11/03/2005
Release ID:	060001
Project Officer:	Richard Takaba

Facility ID:	9-101276
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	04/19/2000
Release ID:	900058
Project Officer:	Richard Takaba

UST:

Facility ID:	9-101276
Owner:	SCHUMAN CARRIAGE MOTORS, LTD.
Owner Address:	1234 S BERETANIA STP.O. BOX 2420
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.3014
Longitude:	-157.842
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	05/05/1961
Tank Status:	**Permanently Out of Use**
Date Closed:	11/09/1999
Tank Capacity:	3000
Substance:	Gasoline

Tank ID:	R-2
Date Installed:	05/05/1961
Tank Status:	**Permanently Out of Use**
Date Closed:	11/08/1999
Tank Capacity:	550
Substance:	Other

Tank ID:	R-3
Date Installed:	05/05/1961
Tank Status:	**Permanently Out of Use**
Date Closed:	11/08/1999
Tank Capacity:	550
Substance:	Other

Tank ID:	R-4
Date Installed:	05/05/1961
Tank Status:	**Permanently Out of Use**
Date Closed:	12/01/1990
Tank Capacity:	500
Substance:	Used Oil

Tank ID:	R-6
Date Installed:	05/05/1961

SCHUMAN CARRIAGE MOTORS, LTD. (Continued) **U003221663**

Tank Status:	**Permanently Out of Use**
Date Closed:	12/01/1990
Tank Capacity:	550
Substance:	Other

Tank ID:	r-5
Date Installed:	03/01/1990
Tank Status:	**Permanently Out of Use**
Date Closed:	01/26/2005
Tank Capacity:	1000
Substance:	Used Oil

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19991210-1047
HID Number:	Not reported
Facility Registry Id:	110013778698
Lead and Program:	HEER EP&R
ER:	Referred
Units:	Schuman Carriage
Substances:	Hydraulic Fluid
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	Not reported
Result:	Refer to ISST
File Under:	Safeway, Inc.

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

HI Financial Assurance:

Alt Facility ID:	9-101276
Tank Id:	R-4
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	Not reported

Alt Facility ID:	9-101276
Tank Id:	R-6
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	Not reported

Alt Facility ID:	9-101276
Tank Id:	R-6
Tank Status:	Permanently Out of Use
FRTYPE:	Other

SCHUMAN CARRIAGE MOTORS, LTD. (Continued) **U003221663**

Expiration Date: Not reported

Alt Facility ID: 9-101276
Tank Id: r-5
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-101276
Tank Id: r-5
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: Not reported

Alt Facility ID: 9-101276
Tank Id: R-4
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-101276
Tank Id: R-3
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: Not reported

Alt Facility ID: 9-101276
Tank Id: R-2
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-101276
Tank Id: R-2
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: Not reported

Alt Facility ID: 9-101276
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

Alt Facility ID: 9-101276
Tank Id: R-1
Tank Status: Permanently Out of Use
FRTYPE: Insurance
Expiration Date: Not reported

Alt Facility ID: 9-101276
Tank Id: R-3
Tank Status: Permanently Out of Use
FRTYPE: Other
Expiration Date: Not reported

220 NW 1/2-1 0.801 mi. 4229 ft. | **HARBOR COURT**
66 QUEEN ST
HONOLULU, HI 96813 | **HI SHWS** | **1006820894**
N/A

Relative: Higher

Actual: 7 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Harbor Court
HID Number:	Not reported
Facility Registry Identifier:	110013789212
Lead Agency:	Not reported
Program:	State
Project Manager:	Unassigned
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Harbor Court
HID Number:	Not reported
Facility Registry Identifier:	110013789212
Lead Agency:	Not reported
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	NFA
Assessment:	Assessment Ongoing
Response:	Not reported
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Not reported
Use Restrictions:	Undetermined
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action - Type Undetermined
Document Date:	12/21/1994
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Unassigned
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

AM221 ESE 1/2-1 0.810 mi. 4275 ft. | **MOTOR SUPPLY**
726 SHERIDAN ST
HONOLULU, HI 96814 | **HI SHWS**
HI INST CONTROL | **S108008592**
N/A

Site 1 of 2 in cluster AM

Relative: Higher

Actual: 6 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Motor Supply
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Steve Mow

MOTOR SUPPLY (Continued) **S108008592**

Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Motor Supply
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Tetrachloroethylene.
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Not reported
Description of Restrictions:	Prohibit Any Activity That May Disturb the Integrity of the Capping or Monitoring Systems
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	03/30/2011
Document Number:	2011-184-SPM
Document Subject:	No Further Action with Institutional Controls Determination for Clean Living - Hakuyosha Internation
Project Manager:	Steve Mow
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

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AM222 **HAKUYOSHA HAWAII, INC** **HI SHWS** **S106817254**
ESE **730 SHERIDAN ST** **HI SPILLS** **N/A**
1/2-1 **HONOLULU, HI 96814** **HI INST CONTROL**
0.810 mi. **HI AIRS**
4275 ft. **Site 2 of 2 in cluster AM**

Relative:
Higher

Actual:
6 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Hakuyosha Hawaii, Inc.
HID Number:	Not reported
Facility Registry Identifier:	110005284414
Lead Agency:	HEER
Program:	State
Project Manager:	Steve Mow
Hazard Priority:	High
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not reported
Island:	Oahu

HAKUYOSHA HAWAII, INC (Continued) **S106817254**

Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Hakuyosha Hawaii, Inc.
HID Number:	Not reported
Facility Registry Identifier:	110005284414
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	High
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: tetrachloroethylene
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Not reported
Description of Restrictions:	Prohibit Any Activity That May Disturb the Integrity of the Capping or Monitoring System
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	03/30/2011
Document Number:	2011-184-SPM
Document Subject:	No Further Action with Institutional Controls Determination for Clean Living - Hakuyosha Internation
Project Manager:	Steve Mow
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19950303
HID Number:	Not reported
Facility Registry Id:	110005284414
Lead and Program:	HEER EP&R
ER:	No
Units:	Hakuyosha Hawaii Inc.
Substances:	Diesel Fuel
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Not reported
Activity Type:	Response
Activity Lead:	Bryce Hataoka
Assignment End Date:	Not reported
Result:	Refer to ISST
File Under:	Hakuyosha Hawaii Inc.

INST CONTROL:

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not reported
Zip Suffix:	Not reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

AIRS:

Facility ID:	0564-01-C
Island:	Oahu
Mailing Address:	730 Sheridan Street

HAKUYOSHA HAWAII, INC (Continued) **S106817254**

Locale:	Not reported
Mailing City,St,Zip:	Honolulu, HI 96814
Contact Name:	Carl Patton
Contact Title:	Manager
Description:	Petroleum Solvent Dry Cleaning EquipmentThis permit encompasses the following equipment and associated appurtenances:a.Hoyt Petro-Miser Petroleum Solvent Recovery DryerModel PET-50 Serial no. 50-519-GE Maximum capacity: 50 poundsb.Hoyt Petro-Miser Petroleum Solvent Recovery DryerModel PET-50 Serial no. 50-707-GE Maximum capacity: 50 poundsc.Hoyt Petro-Miser Petroleum Solvent Recovery DryerModel PET-50RSerial no. 50R-1074GEMaximum capacity: 50 poundsd.J & T Petroleum Solvent WasherModel 40Serial no. 1024Maximum capacity: 40 poundse.J & T Petroleum Solvent WasherModel 40Serial no. 1023Maximum capacity: 40 pounds
Facility ID:	0462-01-N
Island:	Oahu
Mailing Address:	730 Sheridan Street
Locale:	Not reported
Mailing City,St,Zip:	Honolulu, HI 96814
Contact Name:	Carl Patton
Contact Title:	Manager
Description:	100 hp Steam BoilerThis noncovered source permit, encompasses the following equipment and associated appurtenances:100 hp Steam Boiler, Cleaver-Brooks, model no. CB-200-100-150, serial no. unknown, manufactured date unknown.

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223 **CUTTER CHEVROLET** **HI SHWS** **U001235085**
SE **1391 KAPIOLANI BLVD** **HI LUST** **N/A**
1/2-1 **HONOLULU, HI 96814** **HI UST**
0.829 mi. **HI Financial Assurance**
4377 ft.

Relative:
Higher

Actual:
3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	2nd Driveway from Kona Iki St
Island:	Oahu
Environmental Interest:	Cutter Chevrolet Hydraulic Lift
HID Number:	Not reported
Facility Registry Identifier:	110005725028
Lead Agency:	HEER
Program:	State
Project Manager:	Steve Mow
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	2nd Driveway from Kona Iki St
SDAR Environmental Interest Name:	Cutter Chevrolet Hydraulic Lift
HID Number:	Not reported
Facility Registry Identifier:	110005725028
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Not reported

CUTTER CHEVROLET (Continued) **U001235085**

Nature of Residual Contamination:	Not reported
Use Restrictions:	No Hazard Present For Unrestricted Residential Use
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Unrestricted Residential Use
Document Date:	09/09/2005
Document Number:	2005-454-SPM
Document Subject:	No Further Action Required at Cutter Chevrolet at 1391 Kapiolani Blvd
Project Manager:	Steve Mow
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

LUST:

Facility ID:	9-100185
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	10/26/1999
Release ID:	950131
Project Officer:	Renato Maniulit

UST:

Facility ID:	9-100185
Owner:	MOTOR SUPPLY LTD
Owner Address:	726 SHERIDAN ST
Owner City,St,Zip:	Honolulu, 96814 96814
Latitude:	21.2935
Longitude:	-157.844
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	05/03/1971
Tank Status:	**Permanently Out of Use**
Date Closed:	09/02/1995
Tank Capacity:	500
Substance:	Used Oil

HI Financial Assurance:

Alt Facility ID:	9-100185
Tank Id:	R-1
Tank Status:	Permanently Out of Use
FRTYPE:	Not Listed
Expiration Date:	Not reported

Alt Facility ID:	9-100185
Tank Id:	R-1
Tank Status:	Permanently Out of Use
FRTYPE:	Self Insured
Expiration Date:	Not reported

224 SE 1/2-1 0.895 mi. 4724 ft. | **SEARS ALA MOANA**
1450 ALA MOANA BLVD
HONOLULU, HI 96814 | **HI SHWS** | **S115488724**
N/A

Relative: Higher

Actual: 3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Ala Moana Center
Island:	Oahu
Environmental Interest:	Sears Ala Moana
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Cal Miyahara
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Ala Moana Center
SDAR Environmental Interest Name:	Sears Ala Moana
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Assessment Ongoing
Response:	Response Complete
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Not reported
Use Restrictions:	No Hazard Present For Unrestricted Residential Use
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Unrestricted Residential Use
Document Date:	12/30/2013
Document Number:	Not reported
Document Subject:	Final Site Investigation and Response Action Report Sears Car Care Facility, 1450 Ala Moana Boulevar
Project Manager:	Cal Miyahara
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

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225 ESE 1/2-1 0.910 mi. 4807 ft. | **LIKE LIKE PLAZA PETROLEUM CONTAMINATION**
745 KEEAUMOKU ST
HONOLULU, HI 96814 | **HI SHWS** | **1006819347**
N/A

Relative: Higher

Actual: 7 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Like Like Plaza Petroleum Contamination
HID Number:	Not reported
Facility Registry Identifier:	110013771383
Lead Agency:	HEER
Program:	State

LIKE LIKE PLAZA PETROLEUM CONTAMINATION (Continued) **1006819347**

Project Manager:	Anna Fernandez
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Like Like Plaza Petroleum Contamination
HID Number:	Not reported
Facility Registry Identifier:	110013771383
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: petroleum-impacted soils
Nature of Residual Contamination:	Petroleum impacted soil
Use Restrictions:	No Hazard Present For Unrestricted Residential Use
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Unrestricted Residential Use
Document Date:	05/04/2006
Document Number:	2006-266-AF
Document Subject:	NFA determination
Project Manager:	Anna Fernandez
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

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226 ESE 1/2-1 0.935 mi. 4937 ft. | **WALGREENS KEEAMOKU** **HI SHWS** **S115488729**
1460 KAPIOLANI BOULEVARD **N/A**
HONOLULU, HI 96814

Relative: Higher

Actual: 3 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Walgreens Keeamoku
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	Fast Track
Project Manager:	Jordan Nakayama
Hazard Priority:	Not reported
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Walgreens Keeamoku
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	Fast Track
Potential Hazard And Controls:	Hazard Undetermined
Priority:	Not reported
Assessment:	Assessment Ongoing

WALGREENS KEEAMOKU (Continued) **S115488729**

Response:	Not reported
Nature of Contamination:	Not reported
Nature of Residual Contamination:	Not reported
Use Restrictions:	Undetermined
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	Not reported
Document Date:	Not reported
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Jordan Nakayama
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

227
NW
1/2-1
0.972 mi.
5131 ft.

YEE HOP BUILDING MAUNAKEA STREET **HI SHWS** **S106821168**
950 MAUNAKEA ST **N/A**
HONOLULU, HI

Relative:
Higher

Actual:
12 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Yee Hop Building Maunakea Street
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Program:	State
Project Manager:	Mark Sutterfield
Hazard Priority:	Low
Potential Hazards And Controls:	Hazard Present
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Yee Hop Building Maunakea Street
HID Number:	Not reported
Facility Registry Identifier:	Not reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Present
Priority:	Low
Assessment:	Response Necessary
Response:	Response Ongoing
Nature of Contamination:	Found: Diesel in soil
Nature of Residual Contamination:	Not reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	Not reported
Document Date:	Not reported
Document Number:	Not reported
Document Subject:	Not reported
Project Manager:	Mark Sutterfield
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

228 East 1/2-1 0.983 mi. 5191 ft. | **MEADOW GOLD DAIRIES (ICE CREAM PLANT)**
1418 YOUNG ST
HONOLULU, HI 96814 | **HI SHWS** | **S104657475**
HI SPILLS | **N/A**

Relative: Higher

Actual: 20 ft.

SHWS:

Organization:	Not reported
Supplemental Location:	Not reported
Island:	Oahu
Environmental Interest:	Meadow Gold Ice Cream Plant Fuel Oil Spill
HID Number:	Not reported
Facility Registry Identifier:	110013767726
Lead Agency:	HEER
Program:	State
Project Manager:	Cal Miyahara
Hazard Priority:	NFA
Potential Hazards And Controls:	No Hazard
Organization:	Not reported
Island:	Oahu
Supplemental Location Text:	Not reported
SDAR Environmental Interest Name:	Meadow Gold Ice Cream Plant Fuel Oil Spill
HID Number:	Not reported
Facility Registry Identifier:	110013767726
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	No Hazard
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Low levels of TPH diesel and oil in soil and groundwater - no EAL exceedances.
Nature of Residual Contamination:	Residual TPH at GW smear zone located approximately 20 feet bgs.
Use Restrictions:	No Hazard Present for Unrestricted Residential Use
Engineering Control:	Not reported
Description of Restrictions:	Not reported
Institutional Control:	Not reported
Within Designated Areawide Contamination:	Not reported
Site Closure Type:	No Further Action Letter - Unrestricted Residential Use
Document Date:	09/30/2008
Document Number:	2008-664-CMM
Document Subject:	Removal Action Report Former Meadow Gold Dairy 1418 Young St, Honolulu HI
Project Manager:	Cal Miyahara
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS:

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19900904
HID Number:	Not reported
Facility Registry Id:	110013767726
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	MEADOW GOLD DAIRY, YOUNG ST. 1418
Substances:	Ammonia
Less Or Greater Than:	Not reported
Numerical Quantity:	1200
Units:	Pounds

MEADOW GOLD DAIRIES (ICE CREAM PLANT) (Continued) **S104657475**

Activity Type:	Response
Activity Lead:	Not reported
Assignment End Date:	Not reported
Result:	SOSC NFA
File Under:	Meadow Gold Dairies, Division of Southern Foods Group, LP

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19900904-1
HID Number:	Not reported
Facility Registry Id:	110013767726
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	YOUNG ST. 1418
Substances:	Ammonia
Less Or Greater Than:	Not reported
Numerical Quantity:	200
Units:	Pounds
Activity Type:	Response
Activity Lead:	Not reported
Assignment End Date:	Not reported
Result:	SOSC NFA
File Under:	Meadow Gold Dairies, Division of Southern Foods Group, LP

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19901224
HID Number:	Not reported
Facility Registry Id:	110013767726
Lead and Program:	HEER EP&R
ER:	Not reported
Units:	Meadow Gold Ammonia Leak from Chiller
Substances:	Ammonia
Less Or Greater Than:	Not reported
Numerical Quantity:	250
Units:	Pounds
Activity Type:	Response
Activity Lead:	Not reported
Assignment End Date:	Not reported
Result:	SOSC NFA
File Under:	Meadow Gold Dairies, Division of Southern Foods Group, LP

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	20071212-1530
HID Number:	Not reported
Facility Registry Id:	110013767726
Lead and Program:	HEER EP&R
ER:	No
Units:	Meadow Gold oil release from a 1000-gallon tank
Substances:	Oil
Less Or Greater Than:	Not reported
Numerical Quantity:	Not reported
Units:	Unknown
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	2007-12-13 00:00:00

MEADOW GOLD DAIRIES (ICE CREAM PLANT) (Continued) **S104657475**

Result:	Refer to SDAR
File Under:	Meadow Gold Dairies, Division of Southern Foods Group, LP

Island:	Oahu
Supplemental Loc. Text:	Not reported
Case Number:	19960603-1628
HID Number:	Not reported
Facility Registry Id:	110013767726
Lead and Program:	HEER EP&R
ER:	No
Units:	Meadow Gold - Hawaii
Substances:	Ammonia
Less Or Greater Than:	Not reported
Numerical Quantity:	600
Units:	Pounds
Activity Type:	Response
Activity Lead:	Terry Corpus
Assignment End Date:	Not reported
Result:	SOSC NFA
File Under:	Meadow Gold Dairies, Division of Southern Foods Group, LP

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

Count: 14 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
HONOLULU	S108008546	KAKAAKO BROWNFIELD PROJECT - UNIT	AHUI ST	96814	HI SHWS, HI ENG CONTROLS, HI BROWNFIELDS
HONOLULU	S111704760	KAKAAKO MAKAI DISTRICT JOHN DOMINI	AHUI ST		HI SHWS, HI INST CONTROL
HONOLULU	S110061573	KAKAAKO BROWNFIELD PROJECT - UNIT	AHUI ST	96814	HI SHWS, HI ENG CONTROLS, HI BROWNFIELDS
HONOLULU	S111704669	ALA WAI HARBOR BOAT REPAIR YARD	ALA MOANA BLVD		HI SHWS
HONOLULU	1006820751	KAKAAKO MAKAI GATEWAY	COOKE ST & ILALO ST	96814	HI SHWS
HONOLULU	S109096053	JCRA INVESTMENTS	1685 KAPIOLANI PROPERTY	96814	HI LUST
HONOLULU	S111704745	HONOLULU SEAWATER AIR CONDITIONING	KEAWE ST		HI SHWS, HI ENG CONTROLS, HI INST CONTROL
HONOLULU	S106818337	KEEAUMOKU SUPERBLOCK PROJECT	KEEAUMOKU ST		HI SHWS, HI SPILLS
HONOLULU	S108859943	KAKAAKO BROWNFIELD PROJECT - UNIT	KOULA ST	96814	HI SHWS, HI ENG CONTROLS, HI BROWNFIELDS
HONOLULU	S110061572	KAKAAKO BROWNFIELD PROJECT - UNIT	KOULA ST	96814	HI SHWS, HI ENG CONTROLS, HI BROWNFIELDS
HONOLULU	S111704706	FORMER KAPALAMA MILITARY RESERVATI	N NIMITZ HWY		HI SHWS
HONOLULU	S108008765	CITIZENS ENERGY SERVICES PIER 38	NIMITZ HWY		HI SHWS, HI SPILLS, HI ENG CONTROLS, HI INST CONTROL
HONOLULU	S106819311	NIMITZ HIGHWAY WATER IMPROVEMENT P	N NIMITZ HWY	96817	HI SHWS
HONOLULU	1006820220	DLNR BURIED DRUM SITE	SAND ISLAND ACCESS RD	96819	HI SHWS, HI SPILLS, HI INST CONTROL

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

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

Date of Government Version: 09/29/2014	Source: EPA
Date Data Arrived at EDR: 10/08/2014	Telephone: N/A
Date Made Active in Reports: 11/17/2014	Last EDR Contact: 10/08/2014
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Quarterly

Federal CERCLIS list

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

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 11/24/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 03/09/2015
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/21/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/07/2014	Telephone: 703-603-8704
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 10/07/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/19/2015
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

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

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 11/24/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 03/09/2015
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/03/2014
Next Scheduled EDR Contact: 03/16/2015
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: 09/18/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 12/03/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

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

Date of Government Version: 08/29/2014
Date Data Arrived at EDR: 10/09/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 11

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/17/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 09/30/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 37

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Sites List

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

Date of Government Version: 01/04/2014
Date Data Arrived at EDR: 02/26/2014
Date Made Active in Reports: 03/07/2014
Number of Days to Update: 9

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 09/17/2012
Date Data Arrived at EDR: 04/03/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 37

Source: Department of Health
Telephone: 808-586-4245
Last EDR Contact: 10/03/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

State and tribal leaking storage tank lists

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

Date of Government Version: 09/17/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 09/25/2014
Number of Days to Update: 6

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 12/11/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Semi-Annually

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

Date of Government Version: 11/04/2014
Date Data Arrived at EDR: 11/07/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 10

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

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

Date of Government Version: 05/22/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 27

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

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

Date of Government Version: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 73

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 12

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

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

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

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

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/31/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

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

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Semi-Annually

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

Date of Government Version: 10/06/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 19

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

State and tribal registered storage tank lists

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

Date of Government Version: 09/17/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 09/25/2014
Number of Days to Update: 6

Source: Department of Health
Telephone: 808-586-4228
Last EDR Contact: 12/11/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/31/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 07/30/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 10

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/03/2014
Date Data Arrived at EDR: 11/05/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 12

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/06/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 8

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 08/20/2014
Date Data Arrived at EDR: 08/22/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 27

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 11/04/2014
Date Data Arrived at EDR: 11/07/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 10

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/20/2014
Date Data Arrived at EDR: 06/10/2014
Date Made Active in Reports: 08/15/2014
Number of Days to Update: 66

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 08/14/2014
Date Data Arrived at EDR: 08/15/2014
Date Made Active in Reports: 08/22/2014
Number of Days to Update: 7

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

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

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

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

Date of Government Version: 01/04/2014
Date Data Arrived at EDR: 02/26/2014
Date Made Active in Reports: 03/07/2014
Number of Days to Update: 9

Source: Department of Health
Telephone: 404-586-4249
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
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: 01/04/2014
Date Data Arrived at EDR: 02/26/2014
Date Made Active in Reports: 03/07/2014
Number of Days to Update: 9

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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

Date of Government Version: 09/29/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

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

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

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

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

Date of Government Version: 01/04/2014
Date Data Arrived at EDR: 02/26/2014
Date Made Active in Reports: 03/07/2014
Number of Days to Update: 9

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

State and tribal Brownfields sites

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

Date of Government Version: 01/04/2014
Date Data Arrived at EDR: 02/26/2014
Date Made Active in Reports: 03/07/2014
Number of Days to Update: 9

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are 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. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/22/2014
Date Data Arrived at EDR: 09/23/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/24/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: No Update Planned

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

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

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

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/29/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

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

Date of Government Version: 07/25/2014
Date Data Arrived at EDR: 09/09/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 41

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/25/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Listing
A listing of clandestine drug lab site locations.

Date of Government Version: 08/04/2010
Date Data Arrived at EDR: 09/10/2010
Date Made Active in Reports: 10/22/2010
Number of Days to Update: 42

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 12/11/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Varies

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

Date of Government Version: 07/25/2014
Date Data Arrived at EDR: 09/09/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 41

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/25/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

Records of Emergency Release Reports

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

Date of Government Version: 09/30/2014
Date Data Arrived at EDR: 10/01/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 36

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/01/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

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

Date of Government Version: 01/04/2014
Date Data Arrived at EDR: 02/26/2014
Date Made Active in Reports: 03/10/2014
Number of Days to Update: 12

Source: Department of Health
Telephone: 808-586-4249
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 03/10/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/11/2013
Number of Days to Update: 39

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

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

Date of Government Version: 06/10/2014
Date Data Arrived at EDR: 07/02/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/04/2014
Next Scheduled EDR Contact: 02/16/2015
Data Release Frequency: Varies

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

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

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/26/2015
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: 06/06/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 09/18/2014
Number of Days to Update: 8

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 12/12/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/12/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

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

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Varies

US 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: 08/05/2014
Date Data Arrived at EDR: 09/04/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 74

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 12/03/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
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: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/26/2014
Next Scheduled EDR Contact: 01/05/2015
Data Release Frequency: Every 4 Years

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

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

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

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

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

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

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

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 11/19/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

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

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

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

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
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: 07/31/2014
Date Data Arrived at EDR: 10/29/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/10/2014
Next Scheduled EDR Contact: 01/26/2015
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: 07/01/2014
Date Data Arrived at EDR: 10/15/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 33

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/15/2014
Next Scheduled EDR Contact: 01/26/2015
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: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 12/04/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

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

Date of Government Version: 10/07/2014
Date Data Arrived at EDR: 10/08/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/08/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

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

Date of Government Version: 08/16/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/09/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

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

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

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

RMP: Risk Management Plans

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: 08/01/2014
Date Data Arrived at EDR: 08/12/2014
Date Made Active in Reports: 11/06/2014
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/27/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

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: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/09/2015
Data Release Frequency: Biennially

UIC: Underground Injection Wells Listing

A listing of underground injection well locations.

Date of Government Version: 02/07/2013
Date Data Arrived at EDR: 02/12/2013
Date Made Active in Reports: 04/09/2013
Number of Days to Update: 56

Source: Department of Health
Telephone: 808-586-4258
Last EDR Contact: 11/26/2014
Next Scheduled EDR Contact: 03/16/2015
Data Release Frequency: Varies

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

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 05/09/2014
Date Made Active in Reports: 06/03/2014
Number of Days to Update: 25

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 10/03/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Varies

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

Date of Government Version: 07/08/2014
Date Data Arrived at EDR: 07/10/2014
Date Made Active in Reports: 08/08/2014
Number of Days to Update: 29

Source: Department of Health
Telephone: 808-586-4200
Last EDR Contact: 11/04/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Varies

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Semi-Annually

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

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/18/2014
Next Scheduled EDR Contact: 02/02/2015
Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

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

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

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 11/07/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: N/A

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/16/2014
Date Data Arrived at EDR: 10/31/2014
Date Made Active in Reports: 11/17/2014
Number of Days to Update: 17

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/29/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Annually

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014
Date Data Arrived at EDR: 06/12/2014
Date Made Active in Reports: 07/28/2014
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 10/06/2014
Next Scheduled EDR Contact: 01/19/2015
Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information Listing
A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 09/17/2014
Date Data Arrived at EDR: 09/19/2014
Date Made Active in Reports: 09/25/2014
Number of Days to Update: 6

Source: Department of Health
Telephone: 808-586-4226
Last EDR Contact: 12/11/2014
Next Scheduled EDR Contact: 03/30/2015
Data Release Frequency: Varies

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 09/30/2014
Next Scheduled EDR Contact: 01/12/2015
Data Release Frequency: Quarterly

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

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

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 10/17/2014
Next Scheduled EDR Contact: 01/26/2015
Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/14/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/04/2014
Date Data Arrived at EDR: 09/04/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 46

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 11/11/2014
Next Scheduled EDR Contact: 03/02/2015
Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/12/2014
Next Scheduled EDR Contact: 03/23/2015
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 10/31/2014
Next Scheduled EDR Contact: 02/09/2015
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/14/2014
Next Scheduled EDR Contact: 02/23/2015
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

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: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/03/2014
Number of Days to Update: 186

Source: Department of Health
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/17/2014
Number of Days to Update: 200

Source: Department of Health
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/08/2014
Number of Days to Update: 191

Source: Department of Health
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

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.

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

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

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

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

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

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

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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, 2005 and 2010 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

2014-0228
803 WAIMANU STREET
HONOLULU, HI 96813

TARGET PROPERTY COORDINATES

Latitude (North):	21.3003 - 21˚ 18' 1.08''
Longitude (West):	157.8548 - 157˚ 51' 17.28''
Universal Tranverse Mercator:	Zone 4
UTM X (Meters):	618787.3
UTM Y (Meters):	2355675.8
Elevation:	3 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	21157-C7 HONOLULU, 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 principal investigative components:

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

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

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

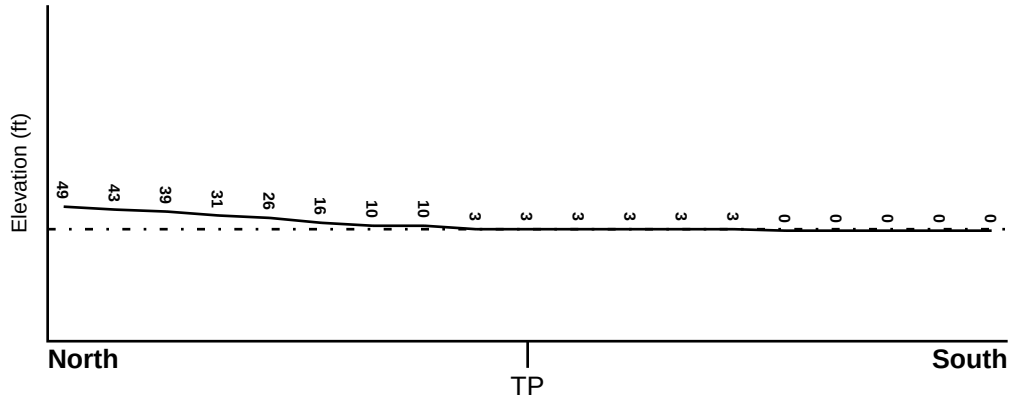
TOPOGRAPHIC INFORMATION

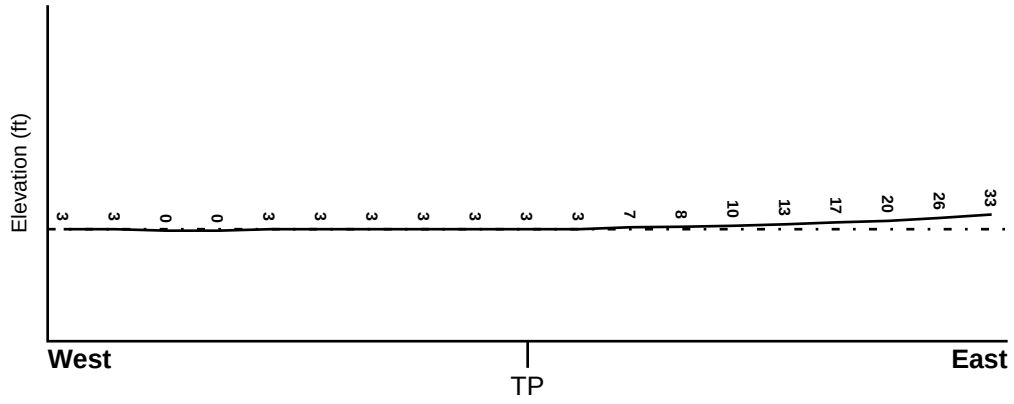
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient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

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 3 ft.

0 1/2 1 Miles

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

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

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

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

FEMA FLOOD ZONE

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

Flood Plain Panel at Target Property: 15003C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
HONOLULU	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

AQUIFLOW®

Search Radius: 1.000 Mile.

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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

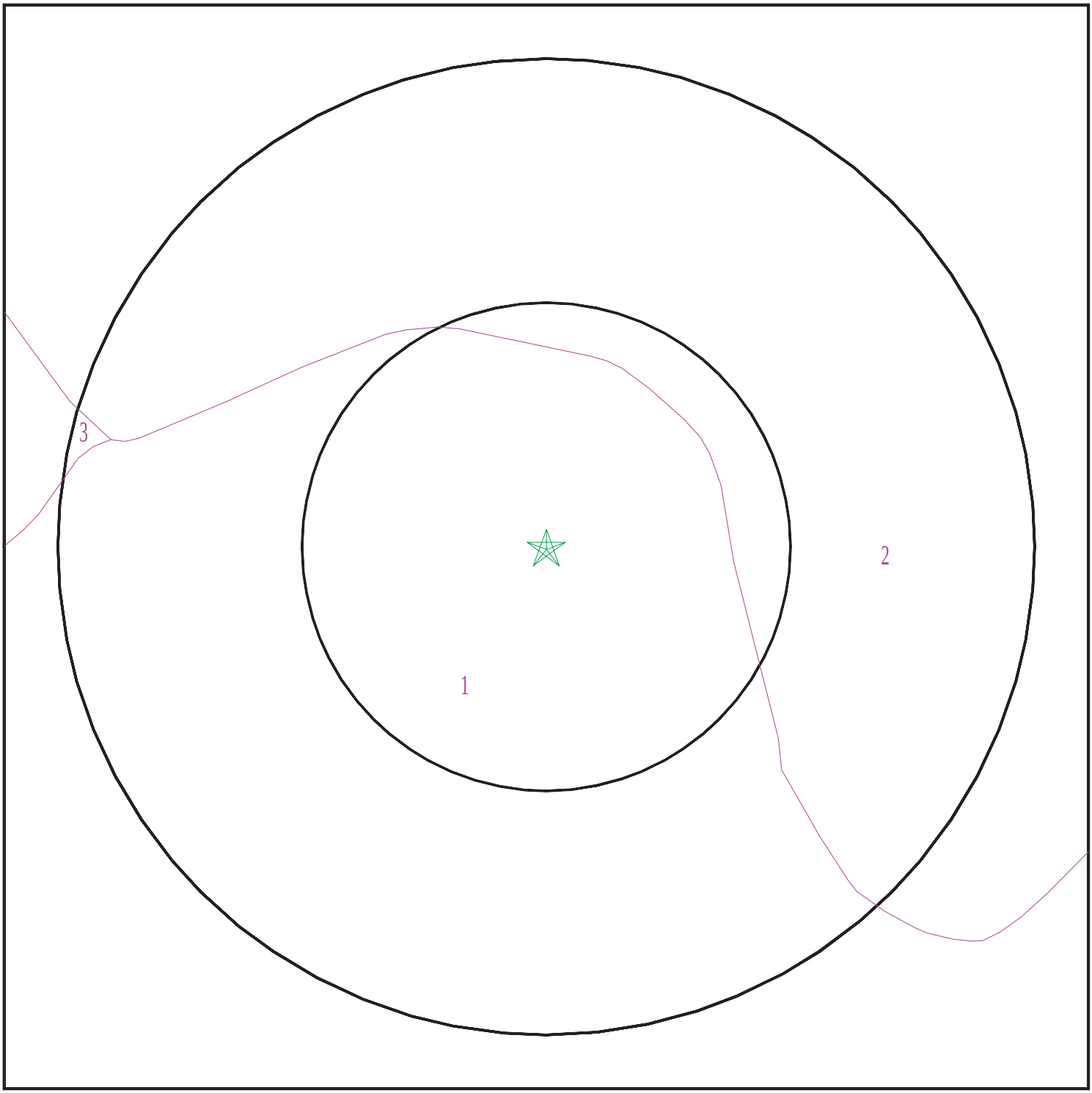
Era:	-
System:	-
Series:	-
Code:	N/A *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: -

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

SSURGO SOIL MAP - 4163300.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME: 2014-0228 ADDRESS: 803 Waimanu Street Honolulu HI 96813 LAT/LONG: 21.3003 / 157.8548	CLIENT: Muranaka Env. Consultants, Inc CONTACT: Maureen Logan INQUIRY #: 4163300.2s DATE: December 17, 2014 1:10 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

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

Soil Map ID: 1

Soil Component Name: Fill land, mixed

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 152 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.41	Max: 7.3 Min: 6.1
2	5 inches	59 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.41	Max: 7.3 Min: 6.1
3	59 inches	70 inches	bedrock	Not reported	Not reported	Max: 0.42 Min: 0.02	Max: Min:

Soil Map ID: 2

Soil Component Name: Makiki

Soil Surface Texture: clay loam

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

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4.23	Max: 5.5 Min: 5.1
2	20 inches	29 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6 Min: 5.6
3	29 inches	59 inches	paragravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 14.11	Max: 6 Min: 5.6

Soil Map ID: 3

Soil Component Name: Ewa

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4.23	Max: 7.3 Min: 6.6
2	7 inches	29 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4.23	Max: 7.3 Min: 6.6
3	29 inches	38 inches	bedrock	Not reported	Not reported	Max: 42 Min: 1	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

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

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000269609	0 - 1/8 Mile NNW
B3	USGS40000269608	0 - 1/8 Mile ENE
C6	USGS40000269627	1/8 - 1/4 Mile North
B8	USGS40000269623	1/8 - 1/4 Mile NE
D10	USGS40000269633	1/8 - 1/4 Mile NNE
E11	USGS40000269621	1/8 - 1/4 Mile WNW
D16	USGS40000269639	1/4 - 1/2 Mile NNE
G18	USGS40000269638	1/4 - 1/2 Mile NE
F19	USGS40000269604	1/4 - 1/2 Mile East

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F20	USGS40000269605	1/4 - 1/2 Mile East
I22	USGS40000269636	1/4 - 1/2 Mile NW
I24	USGS40000269634	1/4 - 1/2 Mile WNW
J25	USGS40000269622	1/4 - 1/2 Mile ENE
G28	USGS40000269645	1/4 - 1/2 Mile NNE
31	USGS40000269635	1/4 - 1/2 Mile WNW
H32	USGS40000269616	1/4 - 1/2 Mile ENE
K35	USGS40000269646	1/4 - 1/2 Mile NW
L36	USGS40000269664	1/4 - 1/2 Mile NNE
L37	USGS40000269661	1/4 - 1/2 Mile NNE
L38	USGS40000269662	1/4 - 1/2 Mile NNE
L39	USGS40000269663	1/4 - 1/2 Mile NNE
L40	USGS40000269660	1/4 - 1/2 Mile NNE
L41	USGS40000269656	1/4 - 1/2 Mile NNE
L42	USGS40000269655	1/4 - 1/2 Mile NNE
L43	USGS40000269654	1/4 - 1/2 Mile NNE
L44	USGS40000269659	1/4 - 1/2 Mile NNE
L45	USGS40000269658	1/4 - 1/2 Mile NNE
L46	USGS40000269657	1/4 - 1/2 Mile NNE
L59	USGS40000269672	1/4 - 1/2 Mile North
L60	USGS40000269670	1/4 - 1/2 Mile NNE
L61	USGS40000269671	1/4 - 1/2 Mile NNE
M62	USGS40000269673	1/4 - 1/2 Mile NNW
K66	USGS40000269649	1/4 - 1/2 Mile NW
L67	USGS40000269678	1/4 - 1/2 Mile North
N69	USGS40000269637	1/4 - 1/2 Mile ENE
O71	USGS40000269620	1/4 - 1/2 Mile ENE
P73	USGS40000269681	1/4 - 1/2 Mile NNW
Q74	USGS40000269687	1/4 - 1/2 Mile North
O76	USGS40000269619	1/4 - 1/2 Mile ENE
S81	USGS40000269617	1/4 - 1/2 Mile West
R82	USGS40000269550	1/4 - 1/2 Mile SSW
R83	USGS40000269551	1/4 - 1/2 Mile SSW
N84	USGS40000269644	1/4 - 1/2 Mile NE
T88	USGS40000269585	1/2 - 1 Mile East
P90	USGS40000269695	1/2 - 1 Mile NNW
U94	USGS40000269618	1/2 - 1 Mile West
V95	USGS40000269699	1/2 - 1 Mile NNW
V97	USGS40000269703	1/2 - 1 Mile NNW
Y101	USGS40000269682	1/2 - 1 Mile NW
Y102	USGS40000269683	1/2 - 1 Mile NW
X105	USGS40000269539	1/2 - 1 Mile SSW
W107	USGS40000269710	1/2 - 1 Mile North
AA108	USGS40000269615	1/2 - 1 Mile East
Y109	USGS40000269679	1/2 - 1 Mile NW
Z111	USGS40000269536	1/2 - 1 Mile South
AB113	USGS40000269666	1/2 - 1 Mile NW
AB114	USGS40000269667	1/2 - 1 Mile NW
Y119	USGS40000269688	1/2 - 1 Mile NW
Y120	USGS40000269689	1/2 - 1 Mile NW
AB121	USGS40000269647	1/2 - 1 Mile WNW
U124	USGS40000269612	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
V125	USGS40000269712	1/2 - 1 Mile NNW
AC128	USGS40000269715	1/2 - 1 Mile NNW
AC129	USGS40000269716	1/2 - 1 Mile NNW
AE132	USGS40000269704	1/2 - 1 Mile NNW
AF134	USGS40000269721	1/2 - 1 Mile North
AC135	USGS40000269717	1/2 - 1 Mile NNW
AG137	USGS40000269674	1/2 - 1 Mile WNW
142	USGS40000269546	1/2 - 1 Mile SW
AD144	USGS40000269557	1/2 - 1 Mile WSW
AG145	USGS40000269690	1/2 - 1 Mile NW
AG146	USGS40000269691	1/2 - 1 Mile NW
AH151	USGS40000269537	1/2 - 1 Mile SSW
AE152	USGS40000269705	1/2 - 1 Mile NW
AI153	USGS40000269692	1/2 - 1 Mile NW
AI154	USGS40000269697	1/2 - 1 Mile NW
AJ157	USGS40000269706	1/2 - 1 Mile NW
AJ158	USGS40000269707	1/2 - 1 Mile NW
AK160	USGS40000269719	1/2 - 1 Mile NNW
161	USGS40000269541	1/2 - 1 Mile SW
AJ162	USGS40000269708	1/2 - 1 Mile NW
164	USGS40000269547	1/2 - 1 Mile SW
AJ166	USGS40000269713	1/2 - 1 Mile NW
AI167	USGS40000269700	1/2 - 1 Mile NW
AI168	USGS40000269701	1/2 - 1 Mile NW
AL172	USGS40000269584	1/2 - 1 Mile East
AJ175	USGS40000269718	1/2 - 1 Mile NW
AM177	USGS40000269579	1/2 - 1 Mile West
AK179	USGS40000269728	1/2 - 1 Mile NNW
AN180	USGS40000269733	1/2 - 1 Mile North
AO183	USGS40000269569	1/2 - 1 Mile ESE
AP185	USGS40000269711	1/2 - 1 Mile NW
AQ186	USGS40000269684	1/2 - 1 Mile WNW
AR189	USGS40000269729	1/2 - 1 Mile NNW
AQ190	USGS40000269693	1/2 - 1 Mile WNW
AS194	USGS40000269632	1/2 - 1 Mile East
196	USGS40000269742	1/2 - 1 Mile NNW
AT197	USGS40000269561	1/2 - 1 Mile ESE
AU198	USGS40000269642	1/2 - 1 Mile ENE
201	USGS40000269592	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C15	HI0000232	1/8 - 1/4 Mile North

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

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

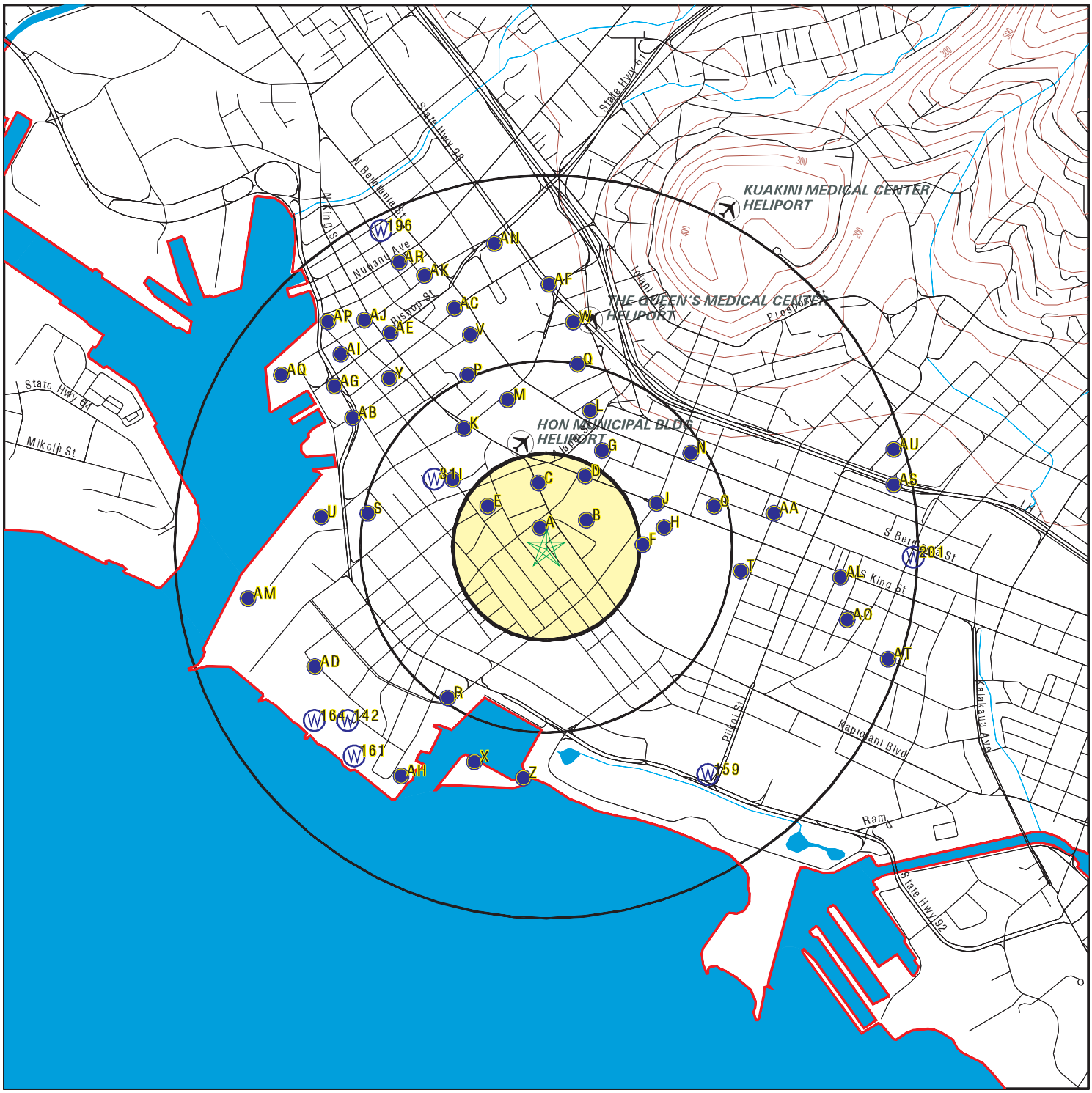
STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	HI8000000002177	0 - 1/8 Mile NNW
B4	HI8000000002178	0 - 1/8 Mile ENE
B5	HI8000000002164	1/8 - 1/4 Mile East
C7	HI8000000002205	1/8 - 1/4 Mile North
B9	HI8000000002195	1/8 - 1/4 Mile NE
E12	HI8000000002190	1/8 - 1/4 Mile NW
D13	HI8000000002208	1/8 - 1/4 Mile NNE
F14	HI8000000002166	1/8 - 1/4 Mile East
G17	HI8000000002221	1/4 - 1/2 Mile NNE
H21	HI8000000002169	1/4 - 1/2 Mile East
G23	HI8000000002220	1/4 - 1/2 Mile NE
I26	HI8000000002207	1/4 - 1/2 Mile NW
J27	HI8000000002196	1/4 - 1/2 Mile ENE
G29	HI8000000002228	1/4 - 1/2 Mile NNE
K30	HI8000000002225	1/4 - 1/2 Mile NNW
I33	HI8000000002214	1/4 - 1/2 Mile WNW
J34	HI8000000002186	1/4 - 1/2 Mile ENE
L47	HI8000000002237	1/4 - 1/2 Mile NNE
L48	HI8000000002234	1/4 - 1/2 Mile NNE
L49	HI8000000002235	1/4 - 1/2 Mile NNE
L50	HI8000000002236	1/4 - 1/2 Mile NNE
L51	HI8000000002240	1/4 - 1/2 Mile NNE
L52	HI8000000002239	1/4 - 1/2 Mile NNE
L53	HI8000000002238	1/4 - 1/2 Mile NNE
L54	HI8000000002243	1/4 - 1/2 Mile NNE
L55	HI8000000002244	1/4 - 1/2 Mile NNE
L56	HI8000000002241	1/4 - 1/2 Mile NNE
L57	HI8000000002242	1/4 - 1/2 Mile NNE
K58	HI8000000002229	1/4 - 1/2 Mile NNW
L63	HI8000000002247	1/4 - 1/2 Mile North
L64	HI8000000002248	1/4 - 1/2 Mile NNE
M65	HI8000000002250	1/4 - 1/2 Mile NNW
K68	HI8000000002230	1/4 - 1/2 Mile NW
N70	HI8000000002219	1/4 - 1/2 Mile ENE
O72	HI8000000002191	1/4 - 1/2 Mile ENE
P75	HI8000000002257	1/4 - 1/2 Mile NNW
R77	HI8000000002112	1/4 - 1/2 Mile SSW
R78	HI8000000002113	1/4 - 1/2 Mile SSW
O79	HI8000000002192	1/4 - 1/2 Mile ENE
S80	HI8000000002185	1/4 - 1/2 Mile West
N85	HI8000000002224	1/2 - 1 Mile NE
T86	HI8000000002155	1/2 - 1 Mile East
Q87	HI8000000002272	1/2 - 1 Mile North
T89	HI8000000002147	1/2 - 1 Mile East
P91	HI8000000002271	1/2 - 1 Mile NNW
T92	HI8000000002153	1/2 - 1 Mile East
U93	HI8000000002184	1/2 - 1 Mile West
V96	HI8000000002282	1/2 - 1 Mile NNW
V98	HI8000000002284	1/2 - 1 Mile NNW
W99	HI8000000002289	1/2 - 1 Mile North
X100	HI8000000002103	1/2 - 1 Mile SSW
Y103	HI8000000002260	1/2 - 1 Mile NW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
Y104	HI8000000002261	1/2 - 1 Mile NW
Z106	HI8000000002098	1/2 - 1 Mile South
AA110	HI8000000002188	1/2 - 1 Mile East
Y112	HI8000000002254	1/2 - 1 Mile NW
AB115	HI8000000002245	1/2 - 1 Mile NW
Y116	HI8000000002269	1/2 - 1 Mile NW
Y117	HI8000000002268	1/2 - 1 Mile NW
AB118	HI8000000002227	1/2 - 1 Mile WNW
Z122	HI8000000002096	1/2 - 1 Mile South
U123	HI8000000002182	1/2 - 1 Mile West
AC126	HI8000000002293	1/2 - 1 Mile NNW
AD127	HI8000000002122	1/2 - 1 Mile WSW
AC130	HI8000000002297	1/2 - 1 Mile NNW
AC131	HI8000000002296	1/2 - 1 Mile NNW
AE133	HI8000000002288	1/2 - 1 Mile NNW
AC136	HI8000000002295	1/2 - 1 Mile NNW
AE138	HI8000000002280	1/2 - 1 Mile NW
AE139	HI8000000002281	1/2 - 1 Mile NW
AG140	HI8000000002246	1/2 - 1 Mile NW
AD141	HI8000000002121	1/2 - 1 Mile WSW
AF143	HI8000000002300	1/2 - 1 Mile North
AH147	HI8000000002097	1/2 - 1 Mile SSW
AI148	HI8000000002266	1/2 - 1 Mile NW
AI149	HI8000000002265	1/2 - 1 Mile NW
AI150	HI8000000002267	1/2 - 1 Mile NW
AE155	HI8000000002287	1/2 - 1 Mile NW
AI156	HI8000000002277	1/2 - 1 Mile NW
159	HI8000000002099	1/2 - 1 Mile SE
AI163	HI8000000002276	1/2 - 1 Mile NW
AJ165	HI8000000002286	1/2 - 1 Mile NW
AJ169	HI8000000002292	1/2 - 1 Mile NW
AI170	HI8000000002279	1/2 - 1 Mile NW
AI171	HI8000000002278	1/2 - 1 Mile NW
AL173	HI8000000002148	1/2 - 1 Mile East
AK174	HI8000000002301	1/2 - 1 Mile NNW
AM176	HI8000000002144	1/2 - 1 Mile West
AJ178	HI8000000002294	1/2 - 1 Mile NW
AK181	HI8000000002303	1/2 - 1 Mile NNW
AN182	HI8000000002308	1/2 - 1 Mile North
AO184	HI8000000002133	1/2 - 1 Mile ESE
AQ187	HI8000000002259	1/2 - 1 Mile WNW
AP188	HI8000000002290	1/2 - 1 Mile NW
AQ191	HI8000000002264	1/2 - 1 Mile NW
AR192	HI8000000002302	1/2 - 1 Mile NNW
AR193	HI8000000002307	1/2 - 1 Mile NNW
AS195	HI8000000002209	1/2 - 1 Mile East
AU199	HI8000000002222	1/2 - 1 Mile ENE
AT200	HI8000000002120	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 4163300.2s



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

SITE NAME: 2014-0228	CLIENT: Muranaka Env. Consultants, Inc
ADDRESS: 803 Waimanu Street Honolulu HI 96813	CONTACT: Maureen Logan
	INQUIRY #: 4163300.2s
LAT/LONG: 21.3003 / 157.8548	DATE: December 17, 2014 1:10 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
A1 **NNW** **0 - 1/8 Mile** **Higher**	**FED USGS**	**USGS40000269609**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211815157512801		
Monloc name:	3-1851-26 W89 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3010027
Longitude:	-157.8550348	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	6.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19100101	Welldepth:	725
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A2 **NNW** **0 - 1/8 Mile** **Higher**	**HI WELLS**	**HI8000000002177**	

Objectid:	754	Wid:	3-1851-026
Island:	Oahu	Well name:	Kapiolani Blvd
Old name:	Not Reported		
Yr drilled:	1910		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.855079		
Lat83dd:	21.301106		
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:	ABN - Sealed	Use year:	Not Reported
Init head:	27.8	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	95		
Test date:	Not Reported	Test gpm:	800
Test ddown:	6	Test chlor:	Not Reported

Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-719
Bot solid:	-653	Bot perf:	Not Reported
Spec capac:	133		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-049:053
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-10
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002177

B3
ENE **FED USGS** **USGS40000269608**
0 - 1/8 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211815157512202		
Monloc name:	3-1851-15 W85 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3010026
Longitude:	-157.8533682	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	5.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18980101	Welldepth:	734
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

B4
ENE **HI WELLS** **HI8000000002178**
0 - 1/8 Mile
Higher

Objectid:	743	Wid:	3-1851-015
Island:	Oahu	Well name:	Ward Ave
Old name:	Not Reported		
Yr drilled:	1898		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.853333		
Lat83dd:	21.301111		
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:	ABN - Sealed	Use year:	Not Reported
Init head:	28.3	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	70		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-729
Bot solid:	-597	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-044:039
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002178

B5
East
1/8 - 1/4 Mile
Higher

HI WELLS **HI8000000002164**

Objectid:	786	Wid:	3-1851-058
Island:	Oahu	Well name:	Kapiolani Myers
Old name:	Not Reported		
Yr drilled:	1960		
Driller:	PACIFIC DRLG		
Quad map:	13		
Long83dd:	-157.852777778		
Lat83dd:	21.3002777778		
Gps:	0	Utm:	-1
Owner user:	Meyers/Daiichi	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:	ABN - Sealed	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-704
Bot solid:	-634	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-044:008
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-60
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002164

C6
North **FED USGS** **USGS40000269627**
1/8 - 1/4 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211820157512801		
Monloc name:	3-1851-14 W91 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3023915
Longitude:	-157.8550348	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	9.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18970101	Welldepth:	691
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C7
North **HI WELLS** **HI8000000002205**
1/8 - 1/4 Mile
Higher

Objectid:	742	Wid:	3-1851-014
Island:	Oahu	Well name:	Kapiolani Blvd
Old name:	Not Reported		
Yr drilled:	1897		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.855		
Lat83dd:	21.3025		
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		
Solid case:	650	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	24.9	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	80		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-682
Bot solid:	-641	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002205

B8
NE
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000269623**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211819157512101		
Monloc name:	3-1851-59 W85-1 DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3021137
Longitude:	-157.8530904	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19600101	Welldepth:	736
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1964-04-27	-17.90	

B9
NE
1/8 - 1/4 Mile
Higher

HI WELLS **HI8000000002195**

Objectid:	787	Wid:	3-1851-059
Island:	Oahu	Well name:	King St
Old name:	Not Reported		
Yr drilled:	1960		
Driller:	PACIFIC DRLG		
Quad map:	13		
Long83dd:	-157.853055556		
Lat83dd:	21.3022222222		
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:	ABN - Sealed	Use year:	Not Reported
Init head:	25.9	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	48		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test unit:	Not Reported
Pump gpm:	0		
Draft mgy:	36	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	RTSP		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	-670
Bot solid:	-599	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-045:017
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-60
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002195

D10
NNE
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000269633**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211821157512201		
Monloc name:	3-1851.03 -64/W85-2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3026692
Longitude:	-157.8533682	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	7.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19671008	Welldepth:	91
Welldepth units:	ft	Wellholedepth:	91
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-10-05	7.00	

Note: The site had been pumped recently.

E11
WNW
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000269621**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211818157513601		
Monloc name:	3-1851-21 W92 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.301836
Longitude:	-157.8572569	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	4.00
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19010101	Welldepth:	789
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

E12
NW
1/8 - 1/4 Mile
Higher

HI WELLS **HI8000000002190**

Objectid:	749	Wid:	3-1851-021
Island:	Oahu	Well name:	Kawaiahao St
Old name:	Not Reported		
Yr drilled:	1901		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.857222222		
Lat83dd:	21.3019444444		
Gps:	0	Utm:	-1
Owner user:	Magoon Estate	Old number:	92-
Well type:	Not Reported	Casing dia:	8
Ground el:	4		
Well depth:	791		
Solid case:	614	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	29.1	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	90		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-787
Bot solid:	-610	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-048:018
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-01
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002190

D13
NNE
1/8 - 1/4 Mile
Higher

HI WELLS **HI8000000002208**

Objectid:	792	Wid:	3-1851-064
Island:	Oahu	Well name:	King St
Old name:	Not Reported		
Yr drilled:	1967		
Driller:	ROSCOE MOSS		
Quad map:	13		
Long83dd:	-157.853333333		
Lat83dd:	21.3027777778		
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:	Other	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	200
Test ddown:	0.3	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-84
Bot solid:	-20	Bot perf:	-28
Spec capac:	667		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-67
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002208

F14
East
1/8 - 1/4 Mile
Higher

HI WELLS **HI8000000002166**

Objectid:	791	Wid:	3-1851-063
Island:	Oahu	Well name:	Blaisdell Center
Old name:	Not Reported		
Yr drilled:	1967		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.851667		
Lat83dd:	21.300278		
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:	IRR - Landscape/Water Features	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test unit:	Not Reported
Pump gpm:	700		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	QA		
Pump yr:	0		
Draft 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	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-3-008:001
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-67
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002166

C15
North
1/8 - 1/4 Mile
Higher

FRDS PWS **HI0000232**

Epa region:	09	State:	HI
Pwsid:	HI0000232		
Pwsname:	VISITOR CENTER		
City served:	Not Reported	State served:	HI
Zip served:	Not Reported	Fips county:	15003
Status:	Closed	Pop srvd:	1000
Pwssvcconn:	1	Source:	Surface_water
Pws type:	TNCWS	Owner:	Fed_Govt
Contact:	Not Reported		
Contactor gname:	Not Reported		
Contact phone:	Not Reported	Contact address1:	Not Reported
Contact address2:	Not Reported	Contact city:	Not Reported
Contact state:	Not Reported	Contact zip:	Not Reported
Activity code:	N		

Facid:	161		
Facname:	HALEAKALA RAIN SHED		
Facility type:	Treatment_plant	Activity code:	I
Treatment obj:	disinfection	Treatment process:	hypochlorination, post
Treatment obj:	particulate removal	Treatment process:	filtered

Location Information:

Name:	VISITOR CENTER		
Pwstypcd:	TNCWS	Primsrccd:	SW
Popserved:	1000		
Add1:	Not Reported		
Add2:	Not Reported		
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Phone:	Not Reported
Cityserv:	HALEAKALA NP	Cntyserv:	Not Reported
Stateserv:	HI	Zipserv:	Not Reported

Location Information:

Name:	VISITOR CENTER		
Pwstypcd:	TNCWS	Primsrccd:	SW
Popserved:	1000		
Add1:	Not Reported		
Add2:	Not Reported		
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Phone:	Not Reported
Cityserv:	VISITOR CENTER	Cntyserv:	Not Reported
Stateserv:	HI	Zipserv:	Not Reported

PWS ID: HI0000232
Date Initiated: 7706 Date Deactivated: Not Reported
PWS Name: HALEAKALA NP VISITOR CENTER
HALEAKALA NATIONAL PARK
HALEAKALA, MAUI, HI 96768

Addressee / Facility: System Owner/Responsible Party
MR. DAN REESER, SUPERINTENDENT
HALEAKALA NATIONAL PARK
P.O. BOX 369
MAKAWAO, HI 96768

Facility Latitude:	20 45 00	Facility Longitude:	156 14 00
Facility Latitude:	21 18 24	Facility Longitude:	157 51 29
City Served:	VISITOR CENTER		
City Served:	HALEAKALA NP		
Treatment Class:	Treated	Population:	00001000

Violations information not reported.

D16
NNE **FED USGS** **USGS40000269639**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211825157512001		
Monloc name:	3-1851-08 W86 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3037802
Longitude:	-157.8528126	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	19.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	18890101	Welldepth:	648
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

G17
NNE
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002221**

Objectid:	736	Wid:	3-1851-008
Island:	Oahu	Well name:	Hotel St
Old name:	Not Reported		
Yr drilled:	1889		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.852777778		
Lat83dd:	21.3038888889		
Gps:	0	Utm:	-1
Owner user:	H R T	Old number:	86-
Well type:	Not Reported	Casing dia:	8
Ground el:	19		
Well depth:	648		
Solid case:	584	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	27.2	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	56		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-629
Bot solid:	-565	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002221

G18
NE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269638**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211824157511701		
Monloc name:	3-1851-36 W80 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3035024
Longitude:	-157.8519793	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19360101	Welldepth:	700
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

F19
East
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269604**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211813157511101		
Monloc name:	3-1851-63 W82-2B DWN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.300447
Longitude:	-157.8503128	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	5.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19670701	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
F20 **East** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS40000269605**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211813157511102		
Monloc name:	3-1851-62 W82-2A DWN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.300447
Longitude:	-157.8503128	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	5.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19670714	Welldepth:	65
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

H21 **East** **1/4 - 1/2 Mile** **Higher**	**HI WELLS**	**HI8000000002169**	

Objectid:	790	Wid:	3-1851-062
Island:	Oahu	Well name:	Nbc
Old name:	Not Reported		
Yr drilled:	1967		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.850277778		
Lat83dd:	21.3005555556		
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:	IRR - Landscape/Water Features	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	376		
Test date:	Not Reported	Test gpm:	600
Test ddown:	1.9	Test chlor:	Not Reported

Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	316		
Pump mgd:	1.008		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-3-008:001
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	14-JUL-67
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002169

I22
NW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269636**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211823157513901		
Monloc name:	3-1851-09 W96 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3032248
Longitude:	-157.8580902	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.32
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18930101	Welldepth:	748
Welldepth units:	ft	Wellholedepth:	765
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1919-02-03	-11.75	

G23
NE
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002220**

Objectid:	764	Wid:	3-1851-036
Island:	Oahu	Well name:	Hotel St
Old name:	Not Reported		
Yr drilled:	1936		
Driller:	MULLIN		
Quad map:	13		
Long83dd:	-157.851944444		
Lat83dd:	21.3036111111		
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:	ABN - Sealed	Use year:	Not Reported
Init head:	29	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	38		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-685
Bot solid:	-588	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-36
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002220

I24
WNW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269634**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211821157514101		
Monloc name:	3-1851.04 -65/W95-1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3026693
Longitude:	-157.8586457	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	7.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19671201	Welldepth:	80
Welldepth units:	ft	Wellholedepth:	80
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1967-12-04	5.50	

Note: The site had been pumped recently.

J25
ENE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269622**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211819157511201		
Monloc name:	3-1851-60 W82-1 DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3021136
Longitude:	-157.8505905	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	16.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19620401	Welldepth:	180
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

I26
NW
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002207**

Objectid:	793	Wid:	3-1851-065
Island:	Oahu	Well name:	Queen St
Old name:	Not Reported		
Yr drilled:	1967		
Driller:	ROSCOE MOSS		
Quad map:	13		
Long83dd:	-157.858611111		
Lat83dd:	21.3027777778		
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:	Other	Use year:	Not Reported
Init head:	1.5	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	275
Test ddown:	0.7	Test chlor:	2100
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-73
Bot solid:	-5	Bot perf:	Not Reported
Spec capac:	393		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-67
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002207

J27
ENE
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002196**

Objectid:	788	Wid:	3-1851-060
Island:	Oahu	Well name:	Ward Ave
Old name:	Not Reported		
Yr drilled:	1962		
Driller:	SAMSON-ZERBE		
Quad map:	13		
Long83dd:	-157.850555556		
Lat83dd:	21.3022222222		
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:	Other	Use year:	Not Reported
Init head:	6	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	470		
Test date:	Not Reported	Test gpm:	115
Test ddown:	4	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-164
Bot solid:	-144	Bot perf:	-164
Spec capac:	29		
Pump mgd:	0		

Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-043:011
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-62
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002196

G28
NNE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269645**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211828157512001		
Monloc name:	3-1851-20 W87 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3046135
Longitude:	-157.8528126	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	19.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19010901	Welldepth:	574
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

G29
NNE
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002228**

Objectid:	748	Wid:	3-1851-020
Island:	Oahu	Well name:	Beretania St.
Old name:	Not Reported		
Yr drilled:	1901		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.852777778		
Lat83dd:	21.3047222222		
Gps:	0	Utm:	-1
Owner user:	MTL Inc	Old number:	87-

Well type:	Not Reported	Casing dia:	8
Ground el:	19		
Well depth:	576		
Solid case:	532	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	31.2	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	75		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test unit:	Not Reported
Pump gpm:	0		
Draft mgy:	36	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	RTSP		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	-557
Bot solid:	-513	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-042:011
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-01
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002228

K30
NNW
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002225**

Objectid:	801	Wid:	3-1851-073
Island:	Oahu	Well name:	Kawaiahao Church
Old name:	Not Reported		
Yr drilled:	1986		
Driller:	WAT RES INTL		
Quad map:	13		
Long83dd:	-157.85775		
Lat83dd:	21.304611		
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:	IRR - Landscape/Water Features	Use year:	Not Reported
Init head:	19.17	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	5/28/1986	Test gpm:	102
Test ddown:	6	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-764
Bot solid:	-696	Bot perf:	Not Reported
Spec capac:	17		
Pump mgd:	0		

Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-032:017
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	22-MAY-86
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002225

31
WNW **FED USGS** **USGS40000269635**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211822157514401		
Monloc name:	3-1851-18 W95 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3029471
Longitude:	-157.859479	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19000101	Welldepth:	799
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

H32
ENE **FED USGS** **USGS40000269616**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211817157510801		
Monloc name:	3-1851-01 W82 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.301558
Longitude:	-157.8494795	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	16.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18810101	Welldepth:	540
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

I33
WNW
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002214**

Objectid:	746	Wid:	3-1851-018
Island:	Oahu	Well name:	American Brewery
Old name:	Not Reported		
Yr drilled:	1900		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.859444444		
Lat83dd:	21.3030555556		
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:	ABN - Sealed	Use year:	Not Reported
Init head:	27.7	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	89		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-798
Bot solid:	-766	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-031:021
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	02-JAN-00
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002214

Map ID Direction Distance Elevation	Database	EDR ID Number
J34 **ENE** **1/4 - 1/2 Mile** **Higher**	**HI WELLS**	**HI8000000002186**

Objectid:	729	Wid:	3-1851-001
Island:	Oahu	Well name:	H I C
Old name:	Not Reported		
Yr drilled:	1881		
Driller:	Not Reported		
Quad map:	13		
Long83dd:	-157.849444444		
Lat83dd:	21.3016666667		
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:	ABN - Sealed	Use year:	Not Reported
Init head:	30.8	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	65		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-524
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002186

K35 **NW** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS40000269646**	

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211828157513901		
Monloc name:	3-1851-73 KAWAIHAO 2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3046136
Longitude:	-157.8580902	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	13.
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19860522	Welldepth:	777
Welldepth units:	ft	Wellholedepth:	777
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1986-06-13	-6.17	

Note: The site was flowing, but the head could not be measured without additional equipment.

L36
NNE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269664**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211831157512101		
Monloc name:	3-1851-25 W88-B DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3054468
Longitude:	-157.8530904	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	17.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19100101	Welldepth:	617
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

L37
NNE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269661**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211831157512007		
Monloc name:	3-1851-33 W88-E DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3054468
Longitude:	-157.8528126	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19260101	Welldepth:	533
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

L38
NNE **FED USGS** **USGS40000269662**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211831157512008		
Monloc name:	3-1851-34 W88-F DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3054468
Longitude:	-157.8528126	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19260101	Welldepth:	636
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
L39 **NNE** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS40000269663**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211831157512009		
Monloc name:	3-1851-35 W88-G DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3054468
Longitude:	-157.8528126	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19260101	Welldepth:	566
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

L40 **NNE** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS40000269660**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211831157512006		
Monloc name:	3-1851-32 W88-D DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3054468
Longitude:	-157.8528126	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19240101	Welldepth:	600
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

L41
NNE **FED USGS** **USGS40000269656**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211831157512002		
Monloc name:	3-1851-13 W88-I DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3054468
Longitude:	-157.8528126	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	22.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18950101	Welldepth:	616
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

L42
NNE **FED USGS** **USGS40000269655**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211831157512001		
Monloc name:	3-1851-12 W88-H DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3054468
Longitude:	-157.8528126	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	21.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	18950101	Welldepth:	580
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

L43
NNE **FED USGS** **USGS40000269654**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211831157512000		
Monloc name:	3-1851-67 W88-J		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3054468
Longitude:	-157.8528126	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19680101	Welldepth:	652
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

L44
NNE **FED USGS** **USGS40000269659**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211831157512005		
Monloc name:	3-1851-31 W88-C DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3054468
Longitude:	-157.8528126	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19240101	Welldepth:	600
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

L45
NNE **FED USGS** **USGS40000269658**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211831157512004		
Monloc name:	3-1851-12,13,24,ETC		
Monloc type:	Well: Multiple wells		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3054468
Longitude:	-157.8528126	Sourcemap scale:	Not Reported
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

L46
NNE **FED USGS** **USGS40000269657**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211831157512003		
Monloc name:	3-1851-24 W88-A DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3054468
Longitude:	-157.8528126	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19100101	Welldepth:	607
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

L47
NNE
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002237**

Objectid:	803	Wid:	3-1851-075
Island:	Oahu	Well name:	Beretania Station 2
Old name:	Not Reported		
Yr drilled:	1989		
Driller:	WAT RES INTL		
Quad map:	13		
Long83dd:	-157.853056		
Lat83dd:	21.305556		
Gps:	0	Utm:	-1
Owner user:	Honolulu BWS	Old number:	Not Reported
Well type:	ROT	Casing dia:	14
Ground el:	18		
Well depth:	625		
Solid case:	523	Perf case:	Not Reported
Use:	MUN - County	Use year:	Not Reported
Init head:	22.9	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	5/12/1989	Test gpm:	1400
Test ddown:	2.2	Test chlor:	102
Test temp:	20.4	Test unit:	C
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	TKB		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	-607
Bot solid:	-505	Bot perf:	Not Reported
Spec capac:	636		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-036:004
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	14-MAY-89
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002237

L48
NNE
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002234**

Objectid:	752	Wid:	3-1851-024
Island:	Oahu	Well name:	Beretania P Station
Old name:	Not Reported		
Yr drilled:	1910		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.852777778		
Lat83dd:	21.3055555556		
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:	ABN - Sealed	Use year:	Not Reported
Init head:	26.9	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-596
Bot solid:	-467	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-036:004
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-10
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002234

L49
NNE
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002235**

Objectid:	753	Wid:	3-1851-025
Island:	Oahu	Well name:	Beretania P Station
Old name:	Not Reported		
Yr drilled:	1910		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.852777778		
Lat83dd:	21.3055555556		
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:	ABN - Sealed	Use year:	Not Reported
Init head:	27.7	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-600
Bot solid:	-478	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-036:004
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-10
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002235

L50
NNE **HI WELLS** **HI8000000002236**
1/4 - 1/2 Mile
Higher

Objectid:	760	Wid:	3-1851-032
Island:	Oahu	Well name:	Beretania P Station
Old name:	Not Reported		
Yr drilled:	1924		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.852777778		
Lat83dd:	21.3055555556		
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:	ABN - Sealed	Use year:	Not Reported
Init head:	27.8	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-580
Bot solid:	-469	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-036:004
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-24
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002236

Map ID Direction Distance Elevation	Database	EDR ID Number
L51 **NNE** **1/4 - 1/2 Mile** **Higher**	**HI WELLS**	**HI8000000002240**

Objectid:	759	Wid:	3-1851-031
Island:	Oahu	Well name:	Beretania P Station
Old name:	Not Reported		
Yr drilled:	1924		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.852778		
Lat83dd:	21.305556		
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:	MUN - County	Use year:	Not Reported
Init head:	28	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-580
Bot solid:	-469	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-036:004
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-24
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002240

L52 **NNE** **1/4 - 1/2 Mile** **Higher**	**HI WELLS**	**HI8000000002239**

Objectid:	741	Wid:	3-1851-013
Island:	Oahu	Well name:	Beretania P Station
Old name:	Not Reported		
Yr drilled:	1895		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.852778		
Lat83dd:	21.305556		
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:	MUN - County	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-594
Bot solid:	-477	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-036:004
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002239

L53
NNE **HI WELLS** **HI8000000002238**
1/4 - 1/2 Mile
Higher

Objectid:	740	Wid:	3-1851-012
Island:	Oahu	Well name:	Beretania P Station
Old name:	Not Reported		
Yr drilled:	1895		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.852778		
Lat83dd:	21.305556		
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:	MUN - County	Use year:	Not Reported
Init head:	32	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-559
Bot solid:	-478	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		

Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-036:004
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002238

L54
NNE
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002243**

Objectid:	763	Wid:	3-1851-035
Island:	Oahu	Well name:	Beretania P Station
Old name:	Not Reported		
Yr drilled:	1926		
Driller:	PRIMMER		
Quad map:	13		
Long83dd:	-157.852778		
Lat83dd:	21.305556		
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:	MUN - County	Use year:	Not Reported
Init head:	23.3	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	47		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-551
Bot solid:	-473	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-036:004
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-26
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002243

L55
NNE
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002244**

Objectid:	795	Wid:	3-1851-067
Island:	Oahu	Well name:	Beretania Obs
Old name:	Not Reported		
Yr drilled:	1968		
Driller:	LAYNE INTL		
Quad map:	13		
Long83dd:	-157.852778		
Lat83dd:	21.305556		
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:	OBS - Deep (through transition zone)	Use year:	Not Reported
Init head:	3	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-601
Bot solid:	-466	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-036:004
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-68
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002244

L56
NNE
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002241**

Objectid:	761	Wid:	3-1851-033
Island:	Oahu	Well name:	Beretania P Station
Old name:	Not Reported		
Yr drilled:	1926		
Driller:	PRIMMER		
Quad map:	13		
Long83dd:	-157.852778		
Lat83dd:	21.305556		
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		
Solid case:	479	Perf case:	Not Reported
Use:	MUN - County	Use year:	Not Reported
Init head:	23.6	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-519
Bot solid:	-465	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-036:004
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-26
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002241

L57
NNE **HI WELLS** **HI8000000002242**
1/4 - 1/2 Mile
Higher

Objectid:	762	Wid:	3-1851-034
Island:	Oahu	Well name:	Beretania P Station
Old name:	Not Reported		
Yr drilled:	1926		
Driller:	PRIMMER		
Quad map:	13		
Long83dd:	-157.852778		
Lat83dd:	21.305556		
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		
Solid case:	484	Perf case:	Not Reported
Use:	MUN - County	Use year:	Not Reported
Init head:	23.6	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	55		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-622
Bot solid:	-470	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-036:004
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-26
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002242

Map ID Direction Distance Elevation	Database	EDR ID Number
K58 **NNW** **1/4 - 1/2 Mile** **Higher**	**HI WELLS**	**HI8000000002229**

Objectid:	737	Wid:	3-1851-009
Island:	Oahu	Well name:	Kawaihao Ch
Old name:	Not Reported		
Yr drilled:	1893		
Driller:	PINKHAM		
Quad map:	13		
Long83dd:	-157.858055556		
Lat83dd:	21.305		
Gps:	0	Utm:	-1
Owner user:	Kawaiahao 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:	ABN - Sealed	Use year:	Not Reported
Init head:	26.1	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	52		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test unit:	Not Reported
Pump gpm:	100		
Draft mgy:	1	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Not Reported		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	-751
Bot solid:	-701	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	.144		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-032:017
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	9/1/1972	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002229

L59 **North** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS40000269672**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211833157512301		
Monloc name:	3-1851-75 BERETANIA W2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3060023
Longitude:	-157.8536459	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.6
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19890512	Welldepth:	625
Welldepth units:	ft	Wellholedepth:	625
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1989-05-12	-22.9	

L60
NNE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269670**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211833157512201		
Monloc name:	3-1851-58 W86-1 DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3060023
Longitude:	-157.853368	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	6.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19600101	Welldepth:	720
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

L61
NNE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269671**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211833157512202		
Monloc name:	3-1851-57 T85 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3060023
Longitude:	-157.853368	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	23.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19600101	Welldepth:	1509
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

M62
NNW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269673**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211833157513301		
Monloc name:	3-1851-44 W97-1 DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3060024
Longitude:	-157.8564236	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19390101	Welldepth:	62
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
L63 **North** **1/4 - 1/2 Mile** **Higher**	**HI WELLS**	**HI8000000002247**

Objectid:	802	Wid:	3-1851-074
Island:	Oahu	Well name:	Beretania Sta 1
Old name:	Not Reported		
Yr drilled:	1988		
Driller:	WAT RES INTL		
Quad map:	13		
Long83dd:	-157.853611		
Lat83dd:	21.306111		
Gps:	0	Utm:	-1
Owner user:	Honolulu BWS	Old number:	Not Reported
Well type:	ROT	Casing dia:	14
Ground el:	19		
Well depth:	598		
Solid case:	498	Perf case:	Not Reported
Use:	MUN - County	Use year:	Not Reported
Init head:	21	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	9/26/1988	Test gpm:	1400
Test ddown:	1.9	Test chlor:	66
Test temp:	21.5	Test unit:	C
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	TKB		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	-579
Bot solid:	-479	Bot perf:	Not Reported
Spec capac:	737		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-036:006
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	09-SEP-88
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002247

L64 **NNE** **1/4 - 1/2 Mile** **Higher**	**HI WELLS**	**HI8000000002248**

Objectid:	785	Wid:	3-1851-057
Island:	Oahu	Well name:	Beretania Deep Monitor
Old name:	Not Reported		
Yr drilled:	1960		
Driller:	PACIFIC DRLG		
Quad map:	13		
Long83dd:	-157.853333		
Lat83dd:	21.306111		
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:	OBS - Deep (through transition zone)	Use year:	Not Reported
Init head:	26.9	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-1486
Bot solid:	-427	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-036:005
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-60
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002248

M65
NNW
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002250**

Objectid:	772	Wid:	3-1851-044
Island:	Oahu	Well name:	Punchbowl St
Old name:	Not Reported		
Yr drilled:	1939		
Driller:	MULLIN		
Quad map:	13		
Long83dd:	-157.856388889		
Lat83dd:	21.3061111111		
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		
Solid case:	40	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		

Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-39
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002250

K66
NW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269649**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211830157514101		
Monloc name:	3-1851-03 W97 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3051692
Longitude:	-157.8586457	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	14.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18820101	Welldepth:	767
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

L67
North
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269678**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211834157512301		
Monloc name:	3-1851-74 BERETANIA STA		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3062801
Longitude:	-157.8536459	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	19.0
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19880908	Welldepth:	598
Welldepth units:	ft	Wellholedepth:	598
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1988-09-23	-21.	

K68
NW
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002230**

Objectid:	731	Wid:	3-1851-003
Island:	Oahu	Well name:	King St
Old name:	Not Reported		
Yr drilled:	1882		
Driller:	Not Reported		
Quad map:	13		
Long83dd:	-157.858611111		
Lat83dd:	21.3052777778		
Gps:	0	Utm:	-1
Owner user:	State Of Hawaii	Old number:	97-
Well type:	Not Reported	Casing dia:	5
Ground el:	14		
Well depth:	769		
Solid case:	715	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	30.8	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	55		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test unit:	Not Reported
Pump gpm:	0		
Draft mgy:	36	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	TKB		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	-755
Bot solid:	-701	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		

Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-025:003
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002230

N69
ENE **FED USGS** **USGS40000269637**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211824157510701		
Monloc name:	3-1851-02 W83 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3035024
Longitude:	-157.8492017	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	27.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18820101	Welldepth:	474
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

N70
ENE **HI WELLS** **HI8000000002219**
1/4 - 1/2 Mile
Higher

Objectid:	730	Wid:	3-1851-002
Island:	Oahu	Well name:	Thomas Square
Old name:	Not Reported		
Yr drilled:	1882		
Driller:	Not Reported		
Quad map:	13		
Long83dd:	-157.849167		
Lat83dd:	21.303611		
Gps:	0	Utm:	-1
Owner user:	Honolulu BWS	Old number:	83-

Well type:	Not Reported	Casing dia:	2
Ground el:	27		
Well depth:	470		
Solid case:	458	Perf case:	Not Reported
Use:	OBS - Water Level	Use year:	Not Reported
Init head:	27.2	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-443
Bot solid:	-431	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-4-001:001
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002219

O71
ENE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269620**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211818157510301		
Monloc name:	3-1851-28 W81 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3018358
Longitude:	-157.8480907	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19130101	Welldepth:	505
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1916-09-18	-12.26	

O72
ENE
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002191**

Objectid:	756	Wid:	3-1851-028
Island:	Oahu	Well name:	Young St
Old name:	Not Reported		
Yr drilled:	1913		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.848055556		
Lat83dd:	21.3019444444		
Gps:	0	Utm:	-1
Owner user:	Med Arts Bldg	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	8
Ground el:	18		
Well depth:	505		
Solid case:	476	Perf case:	Not Reported
Use:	UNU - Unused	Use year:	Not Reported
Init head:	30.3	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	41		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test unit:	Not Reported
Pump gpm:	0		
Draft mgy:	36	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Not Reported		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	-487
Bot solid:	-458	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-4-002:006
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-13
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002191

P73
NNW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269681**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211835157513801		
Monloc name:	3-1851-51 W99-1 DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.306558
Longitude:	-157.8578124	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19521202	Welldepth:	71
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Q74
North
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269687**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211837157512301		
Monloc name:	3-1851-11 W98 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3071134
Longitude:	-157.8536459	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	24.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18940101	Welldepth:	521
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
P75 **NNW** **1/4 - 1/2 Mile** **Higher**	**HI WELLS**	**HI8000000002257**

Objectid:	779	Wid:	3-1851-051
Island:	Oahu	Well name:	Iolani Palace
Old name:	Not Reported		
Yr drilled:	1952		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.857778		
Lat83dd:	21.306667		
Gps:	0	Utm:	-1
Owner user:	State Of Hawaii	Old number:	99-1
Well type:	Not Reported	Casing dia:	8
Ground el:	18		
Well depth:	71		
Solid case:	24	Perf case:	Not Reported
Use:	IND - Geothermal, Thermoelectric Cooling	Owner:	Power De
Init head:	3.6	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	966		
Test date:	Not Reported	Test gpm:	300
Test ddown:	1.6	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-53
Bot solid:	-6	Bot perf:	Not Reported
Spec capac:	188		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-52
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002257

O76 **ENE** **1/4 - 1/2 Mile** **Higher**	**FED USGS**	**USGS40000269619**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211818157510101		
Monloc name:	3-1851-06 W79 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3018357
Longitude:	-157.847535	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	17.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18840101	Welldepth:	503
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

R77
SSW **HI WELLS** **HI8000000002112**
1/4 - 1/2 Mile
Higher

Objectid:	617	Wid:	3-1751-001
Island:	Oahu	Well name:	Haw Tuna Pack
Old name:	Not Reported		
Yr drilled:	1939		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.858888889		
Lat83dd:	21.2944444444		
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		
Solid case:	7	Perf case:	Not Reported
Use:	IND - Industrial Other	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	16100		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft 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	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-058:002
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-39
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002112

Map ID Direction Distance Elevation	Database	EDR ID Number
R78 **SSW** **1/4 - 1/2 Mile** **Higher**	**HI WELLS**	**HI8000000002113**

Objectid:	618	Wid:	3-1751-002
Island:	Oahu	Well name:	Haw Tuna Pack
Old name:	Not Reported		
Yr drilled:	1949		
Driller:	MULLIN		
Quad map:	13		
Long83dd:	-157.858888889		
Lat83dd:	21.2944444444		
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 - Industrial	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	15700		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test unit:	Not Reported
Pump gpm:	1400		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Not Reported		
Pump yr:	0		
Draft 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	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-058:002
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-49
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002113

O79 **ENE** **1/4 - 1/2 Mile** **Higher**	**HI WELLS**	**HI8000000002192**

Objectid:	734	Wid:	3-1851-006
Island:	Oahu	Well name:	Young St
Old name:	Not Reported		
Yr drilled:	1883		
Driller:	Not Reported		
Quad map:	13		
Long83dd:	-157.8475		
Lat83dd:	21.3019444444		
Gps:	0	Utm:	-1
Owner user:	Vida Villa	Old number:	79-

Well type:	Not Reported	Casing dia:	6
Ground el:	17		
Well depth:	503		
Solid case:	234	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	19.2	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-486
Bot solid:	-217	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002192

S80
West
1/4 - 1/2 Mile
Higher

HI WELLS **HI8000000002185**

Objectid:	745	Wid:	3-1851-017
Island:	Oahu	Well name:	Pohukaina
Old name:	Not Reported		
Yr drilled:	1900		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.862222222		
Lat83dd:	21.3016666667		
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:	ABN - Sealed	Use year:	Not Reported
Init head:	27.8	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	98		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-1002
Bot solid:	-798	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		

Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	02-JAN-00
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002185

S81
West
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269617**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211817157515401		
Monloc name:	3-1851-17 W94 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3015584
Longitude:	-157.8622567	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	5.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19000101	Welldepth:	1007
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

R82
SSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000269550**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211751157514201		
Monloc name:	3-1751-01 W92-1 KEWA		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.2943366
Longitude:	-157.8589236	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	3.00
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19390601	Welldepth:	142
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

R83
SSW **FED USGS** **USGS40000269551**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211751157514202		
Monloc name:	3-1751-02 W92-2 KEWA		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.2943366
Longitude:	-157.8589236	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	3.00
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19490601	Welldepth:	150
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

N84
NE **FED USGS** **USGS40000269644**
1/4 - 1/2 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211827157510401		
Monloc name:	3-1851-10 W84 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3043356
Longitude:	-157.8483684	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	30.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18940101	Welldepth:	486
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

N85
NE
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002224**

Objectid:	738	Wid:	3-1851-010
Island:	Oahu	Well name:	Acadamy Of Arts
Old name:	Not Reported		
Yr drilled:	1894		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.848333333		
Lat83dd:	21.3044444444		
Gps:	0	Utm:	-1
Owner user:	Cooke C M	Old number:	84-
Well type:	Not Reported	Casing dia:	8
Ground el:	30		
Well depth:	486		
Solid case:	422	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	31	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-456
Bot solid:	-392	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002224

Map ID Direction Distance Elevation	Database	EDR ID Number
T86 **East** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002155**

Objectid:	726	Wid:	3-1850-028
Island:	Oahu	Well name:	Mckinley Aqua 1
Old name:	Not Reported		
Yr drilled:	1990		
Driller:	PR DRILLING		
Quad map:	13		
Long83dd:	-157.846944444		
Lat83dd:	21.2997222222		
Gps:	0	Utm:	-1
Owner user:	Mckinley H S	Old number:	Not Reported
Well type:	ROT	Casing dia:	4
Ground el:	Not Reported		
Well depth:	35		
Solid case:	10	Perf case:	20
Use:	AGR - Aquatic Plants and Animals	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	7/9/1990	Test gpm:	50
Test ddown:	4.5	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	11		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-3-009:001
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	10-JUL-90
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002155

Q87 **North** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002272**

Objectid:	739	Wid:	3-1851-011
Island:	Oahu	Well name:	Queens Hosp
Old name:	Not Reported		
Yr drilled:	1894		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.853333333		
Lat83dd:	21.3077777778		
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:	ABN - Sealed	Use year:	Not Reported
Init head:	27.1	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	49		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-497
Bot solid:	-395	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002272

T88
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000269585**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211808157505801		
Monloc name:	3-1850-09 W77 MAKIKI		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.2990581
Longitude:	-157.8467019	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	6.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18820101	Welldepth:	620
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
T89 **East** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002147**

Objectid:	707	Wid:	3-1850-009
Island:	Oahu	Well name:	Makiki
Old name:	Not Reported		
Yr drilled:	1882		
Driller:	COOKE-PEDDLER		
Quad map:	13		
Long83dd:	-157.846666667		
Lat83dd:	21.2991666667		
Gps:	0	Utm:	-1
Owner user:	State Of Hawaii	Old number:	77-
Well type:	Not Reported	Casing dia:	6
Ground el:	6		
Well depth:	620		
Solid case:	Not Reported	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	29.6	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	62		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-614
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002147

P90 **NNW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269695**	

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211838157514001		
Monloc name:	3-1851-04 W99, 99A,B		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3073913
Longitude:	-157.8583679	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18820101	Welldepth:	752
Welldepth units:	ft	Wellholedepth:	765
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

P91
NNW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002271**

Objectid:	732	Wid:	3-1851-004
Island:	Oahu	Well name:	Iolani Palace
Old name:	Not Reported		
Yr drilled:	1882		
Driller:	Not Reported		
Quad map:	13		
Long83dd:	-157.858333		
Lat83dd:	21.3075		
Gps:	0	Utm:	-1
Owner user:	State Of Hawaii	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 - Unused	Use year:	Not Reported
Init head:	25.2	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	43		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-734
Bot solid:	-730	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-025:002
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002271

Map ID Direction Distance Elevation	Database	EDR ID Number
T92 **East** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002153**

Objectid:	727	Wid:	3-1850-029
Island:	Oahu	Well name:	Mckinley Aqua 2
Old name:	Not Reported		
Yr drilled:	1993		
Driller:	ROSCOE MOSS		
Quad map:	13		
Long83dd:	-157.846388889		
Lat83dd:	21.2994444444		
Gps:	0	Utm:	-1
Owner user:	Mckinley H S	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	8
Ground el:	10		
Well depth:	65		
Solid case:	45	Perf case:	65
Use:	AGR - Aquatic Plants and Animals	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-55
Bot solid:	-35	Bot perf:	-55
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-3-009:001
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	17-AUG-93
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002153

U93 **West** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002184**

Objectid:	757	Wid:	3-1851-029
Island:	Oahu	Well name:	Ala Moana Blvd
Old name:	Not Reported		
Yr drilled:	1913		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.863611111		
Lat83dd:	21.3016666667		
Gps:	0	Utm:	-1
Owner user:	Interislnd 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:	ABN - Sealed	Use year:	Not Reported
Init head:	30.2	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	103		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test unit:	Not Reported
Pump gpm:	0		
Draft mgy:	6	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	TKB		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	-1002
Bot solid:	-904	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-13
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002184

U94
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000269618**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211817157515901		
Monloc name:	3-1851-29 W93 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3015585
Longitude:	-157.8636455	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	7.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19130101	Welldepth:	1009
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
V95 **NNW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269699**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211841157513901		
Monloc name:	3-1851-61 W99-2 DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3082245
Longitude:	-157.85809	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19630501	Welldepth:	77
Welldepth units:	ft	Wellholedepth:	110
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

V96 **NNW** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002282**	

Objectid:	789	Wid:	3-1851-061
Island:	Oahu	Well name:	State Capitol
Old name:	Not Reported		
Yr drilled:	1963		
Driller:	SAMSON-ZERBE		
Quad map:	13		
Long83dd:	-157.858055556		
Lat83dd:	21.3083333333		
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:	IND - Geothermal, Thermoelectric Cooling	Owner:	Power De
Init head:	30	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	4030		
Test date:	Not Reported	Test gpm:	1655
Test ddown:	27	Test chlor:	7500

Test temp:	24.4	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-57
Bot solid:	-5	Bot perf:	-51
Spec capac:	61		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-024:011
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-63
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002282

V97
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269703**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211842157513701		
Monloc name:	3-1851-66 W99-3 DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3085023
Longitude:	-157.8575346	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19670501	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

V98
NNW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002284**

Objectid:	794	Wid:	3-1851-066
Island:	Oahu	Well name:	Beretania
Old name:	Not Reported		
Yr drilled:	1967		
Driller:	LAYNE INTL		
Quad map:	13		
Long83dd:	-157.8575		
Lat83dd:	21.3086111111		
Gps:	0	Utm:	-1
Owner user:	State Of Hawaii	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:	IND - Geothermal, Thermoelectric Cooling	Use year:	Power De Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	1500
Test ddown:	40	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-80
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	38		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-024:011
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-67
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002284

W99
North
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002289**

Objectid:	782	Wid:	3-1851-054
Island:	Oahu	Well name:	Queens Hospital
Old name:	Not Reported		
Yr drilled:	1958		
Driller:	PACIFIC DRLG		
Quad map:	13		
Long83dd:	-157.853651		
Lat83dd:	21.308995		
Gps:	-1	Utm:	0
Owner user:	Queens Medical Center	Old number:	98-1
Well type:	Not Reported	Casing dia:	10
Ground el:	34		
Well depth:	460		
Solid case:	356	Perf case:	Not Reported
Use:	MUN - Private (but Public DOH definition)	Use year:	Not Reported
Init head:	28.5	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	41		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported

Test temp:	Not Reported	Test unit:	Not Reported
Pump gpm:	750		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	TKB		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	-426
Bot solid:	-322	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	1.08		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-035:003
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-58
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002289

X100
SSW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002103**

Objectid:	619	Wid:	3-1751-003
Island:	Oahu	Well name:	Ala Moana
Old name:	Not Reported		
Yr drilled:	1959		
Driller:	SAMSON-SMOCK		
Quad map:	13		
Long83dd:	-157.857777778		
Lat83dd:	21.2919444444		
Gps:	0	Utm:	-1
Owner user:	State of Hawaii HCDA	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:	Other	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	18000		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-058:064
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-59
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002103

Map ID Direction Distance Elevation	Database	EDR ID Number
Y101 **NW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269682**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211836157515001		
Monloc name:	3-1851-45 W103-1A DW		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3068358
Longitude:	-157.8611456	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.00
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19391016	Welldepth:	80
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Y102 **NW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269683**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211836157515002		
Monloc name:	3-1851-46 W103-1B DW		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3068358
Longitude:	-157.8611456	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.00
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19391023	Welldepth:	75
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Y103
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002260**

Objectid:	773	Wid:	3-1851-045
Island:	Oahu	Well name:	Merchant&Richard
Old name:	Not Reported		
Yr drilled:	1939		
Driller:	MULLIN		
Quad map:	13		
Long83dd:	-157.861111111		
Lat83dd:	21.3069444444		
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:	Other	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	1040		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-39
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002260

Y104
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002261**

Objectid:	774	Wid:	3-1851-046
Island:	Oahu	Well name:	Merchant&Richard
Old name:	Not Reported		
Yr drilled:	1939		
Driller:	MULLIN		
Quad map:	13		
Long83dd:	-157.861111111		
Lat83dd:	21.3069444444		
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 - Unused	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-39
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002261

X105
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269539**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211742157513801		
Monloc name:	3-1751-03 W92-3 KEWA		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.2918367
Longitude:	-157.8578126	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2.00
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19590101	Welldepth:	92
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Z106
South
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002098**

Objectid:	621	Wid:	3-1751-005
Island:	Oahu	Well name:	KBMML
Old name:	Not Reported		
Yr drilled:	1968		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.855555556		
Lat83dd:	21.2913888889		
Gps:	0	Utm:	-1
Owner user:	State of Hawaii UH	Old number:	Not Reported
Well type:	Not Reported	Casing dia:	Not Reported
Ground el:	Not Reported		
Well depth:	0		
Solid case:	Not Reported	Perf case:	Not Reported
Use:	AGR - Other?	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	600
Test ddown:	Not Reported	Test chlor:	17070
Test temp:	Not Reported	Test 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:	2001		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	1.44		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	63	Tmk:	(1) 2-1-058:060
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-68
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002098

W107
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000269710**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211844157512201		
Monloc name:	3-1851-54 Queens Hospital, Oahu, HI		
Monloc type:	Well		
Monloc desc:	former W98-1 NAWQA entry ver. 05/15/2002 Hunt C		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3091944
Longitude:	-157.8536944	Sourcemap scale:	24000
Horiz Acc measure:	.1	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	34
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Hawaii volcanic-rock aquifers		
Formation type:	Koolau Volcanic Series, Lava Flows		
Aquifer type:	Confined single aquifer		
Construction date:	19580501	Welldepth:	460
Welldepth units:	ft	Wellholedepth:	460
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

AA108
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000269615**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211817157505301		
Monloc name:	3-1850-17 W78 MAKIKI		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3015579
Longitude:	-157.8453129	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	16.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18870101	Welldepth:	510
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
Y109 **NW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269679**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211834157515301		
Monloc name:	3-1851-27 W103 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3062803
Longitude:	-157.8619789	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2.00
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19100101	Welldepth:	1145
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AA110 **East** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002188**

Objectid:	715	Wid:	3-1850-017
Island:	Oahu	Well name:	Makiki
Old name:	Not Reported		
Yr drilled:	1887		
Driller:	Not Reported		
Quad map:	13		
Long83dd:	-157.845278		
Lat83dd:	21.301667		
Gps:	0	Utm:	-1
Owner user:	HECO	Old number:	78-
Well type:	Not Reported	Casing dia:	8
Ground el:	16		
Well depth:	510		
Solid case:	Not Reported	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	27.6	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	63		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported

Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-494
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002188

Z111
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000269536**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211740157513001		
Monloc name:	3-1751-05 W92-4 KEWA		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.2912811
Longitude:	-157.8555905	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	2.00
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19680501	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Y112
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002254**

Objectid:	755	Wid:	3-1851-027
Island:	Oahu	Well name:	Queen St
Old name:	Not Reported		
Yr drilled:	1910		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.861944		
Lat83dd:	21.306389		
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:	ABN - Sealed	Use year:	Not Reported
Init head:	27.2	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	55		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-1143
Bot solid:	-803	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-10
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002254

AB113
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269666**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211832157515501		
Monloc name:	3-1851-19 Halekauwila Street, Pipe A, Oahu, HI		
Monloc type:	Well		
Monloc desc:	former local no. W102		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3057222
Longitude:	-157.8625556	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	6
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Hawaii volcanic-rock aquifers		
Formation type:	Koolau Volcanic Series, Lava Flows		

Aquifer type:	Confined single aquifer		
Construction date:	18970101	Welldepth:	1043
Welldepth units:	ft	Wellholedepth:	1053
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 27

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-10-15		5.30	2004-07-26		5.56
2004-06-17		5.77	2004-03-11		5.96
2004-01-07		5.27	2003-09-29		3.89
2003-01-23		4.90	2002-12-09		5.02
2002-10-10		4.20			
2002-09-17		4.61			
Note: A nearby site that taps the same aquifer was flowing.					
2002-07-18		4.83			
Note: A nearby site that taps the same aquifer was flowing.					
2002-05-16		5.60			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2002-03-25		5.60			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2001-12-27		5.26			
Note: A nearby site that taps the same aquifer was flowing.					
2001-09-25		4.44			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2001-08-09		4.49			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2000-09-28					
Note: The site was flowing, but the head could not be measured without additional equipment.					
2000-07-21					
Note: The site was flowing, but the head could not be measured without additional equipment.					
2000-05-23					
Note: The site was flowing, but the head could not be measured without additional equipment.					
2000-04-04					
Note: The site was flowing, but the head could not be measured without additional equipment.					
2000-01-21		5.84			
Note: A nearby site that taps the same aquifer was flowing.					
1999-11-03					
Note: The site was flowing, but the head could not be measured without additional equipment.					
1999-09-13					
Note: The site was flowing, but the head could not be measured without additional equipment.					
1999-08-02					
Note: The site was flowing, but the head could not be measured without additional equipment.					
1999-06-17					
Note: The site was flowing, but the head could not be measured without additional equipment.					
1999-02-25		5.75	1998-12-04		5.80

AB114
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269667**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211832157515502		
Monloc name:	3-1851-19 Halekauwila Street, Pipe B, Oahu, HI		
Monloc type:	Well		
Monloc desc:	former local no. W102		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3056944
Longitude:	-157.8625833	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	6
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Hawaii volcanic-rock aquifers		
Formation type:	Koolau Volcanic Series, Lava Flows		
Aquifer type:	Confined single aquifer		
Construction date:	18970101	Welldepth:	988
Welldepth units:	ft	Wellholedepth:	1053
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 32

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-10-15		12.28	2004-07-26		11.60
2004-06-17		12.44	2004-03-11		11.86
2004-01-07		11.14	2003-09-29		10.06
2003-07-10		10.59	2003-04-25		12.24
2003-03-10		12.20	2003-01-23		11.87
2002-10-10		10.75			
2002-09-17		11.24			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2002-07-16		11.80			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2002-05-16		12.58			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2002-03-25		13.68			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2001-12-27		11.76			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2001-09-25		10.75			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2001-08-09		11.05			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2001-06-14		11.65			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2001-03-28		12.15			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2000-11-03		11.97			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2000-09-28		11.83			
Note: A nearby site that taps the same aquifer had been flowing recently.					
2000-07-21					
Note: The site was flowing, but the head could not be measured without additional equipment.					
2000-05-23		12.76			
Note: A nearby site that taps the same aquifer had been flowing recently.					
2000-04-04		13.62			
Note: A nearby site that taps the same aquifer had been flowing recently.					
2000-01-21		14.32			
Note: A nearby site that taps the same aquifer was flowing.					
1999-11-03		13.31			
Note: A nearby site that taps the same aquifer had been flowing recently.					
1999-09-13		13.08	1999-08-02		13.50
1999-06-02		13.66	1999-02-25		14.51
1998-12-04		14.30			

Map ID Direction Distance Elevation	Database	EDR ID Number
AB115 **NW** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002245**

Objectid:	747	Wid:	3-1851-019
Island:	Oahu	Well name:	Halekauwila St
Old name:	Not Reported		
Yr drilled:	1900		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.8625		
Lat83dd:	21.305833		
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 - Observation	Use year:	Not Reported
Init head:	27.2	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	67		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-1047
Bot solid:	-1037	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-016:015
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	02-JAN-00
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002245

Y116 **NW** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002269**

Objectid:	771	Wid:	3-1851-043
Island:	Oahu	Well name:	Merchant St
Old name:	Not Reported		
Yr drilled:	1939		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.861111111		
Lat83dd:	21.3072222222		
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:	Other	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	125
Test ddown:	3.1	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-30
Bot solid:	-7	Bot perf:	-27
Spec capac:	40		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-39
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002269

Y117
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002268**

Objectid:	770	Wid:	3-1851-042
Island:	Oahu	Well name:	Merchant St
Old name:	Not Reported		
Yr drilled:	1939		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.861111111		
Lat83dd:	21.3072222222		
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		
Solid case:	22	Perf case:	40
Use:	Other	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	2100		
Test date:	Not Reported	Test gpm:	125
Test ddown:	2.3	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-40
Bot solid:	-12	Bot perf:	-30
Spec capac:	54		
Pump mgd:	0		

Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-39
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002268

AB118
WNW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002227**

Objectid:	750	Wid:	3-1851-022
Island:	Oahu	Well name:	Ala Moana Blvd
Old name:	Not Reported		
Yr drilled:	1901		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.863333333		
Lat83dd:	21.3047222222		
Gps:	0	Utm:	-1
Owner user:	USGS	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 - Observation	Use year:	Not Reported
Init head:	22.5	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	194		
Test date:	12/16/1982	Test gpm:	38
Test ddown:	6.2	Test chlor:	Not Reported
Test temp:	22.8	Test unit:	C
Pump gpm:	0		
Draft mgy:	219	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	TKB		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	-1148
Bot solid:	-1121	Bot perf:	Not Reported
Spec capac:	6		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-001:061
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-01
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002227

Y119
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269688**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211837157515101		
Monloc name:	3-1851-47 W103-2A DW		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3071136
Longitude:	-157.8614233	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.00
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19391030	Welldepth:	41
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

Y120
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269689**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211837157515102		
Monloc name:	3-1851.02 -48/103-2B		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3071136
Longitude:	-157.8614233	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.00
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19390101	Welldepth:	40
Welldepth units:	ft	Wellholedepth:	40
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

Map ID Direction Distance Elevation	Database	EDR ID Number
AB121 **WNW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269647**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211828157515801		
Monloc name:	3-1851-22 Ala Moana Blvd, Oahu, HI		
Monloc type:	Well		
Monloc desc:	former local no. W101		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3047778
Longitude:	-157.8634167	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	7
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Hawaii volcanic-rock aquifers		
Formation type:	Koolau Volcanic Series, Lava Flows		
Aquifer type:	Not Reported		
Construction date:	19010101	Welldepth:	1142
Welldepth units:	ft	Wellholedepth:	1142
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 32

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-10-15		16.85	2004-07-26		16.12
2004-06-17		16.84	2004-03-11		16.34
2004-01-07		15.35	2003-09-29		14.17
2003-06-16		15.16	2003-04-18		16.23
2003-03-10		16.09	2003-01-23		15.85
2002-10-10		14.68			
2002-09-17		15.13			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2002-07-16		15.54			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2002-05-16		16.20			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2002-03-25		16.25			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2001-12-27		15.78			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2001-09-25		14.24			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2001-08-09		14.30			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2001-06-14		14.86			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2001-03-28		15.35			
Note: The site was flowing, but the head could not be measured without additional equipment.					

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-11-03		14.96			
Note: The site was flowing, but the head could not be measured without additional equipment.					
2000-09-27		14.74	2000-07-21		15.09
2000-05-23		15.73	2000-04-04		16.51
2000-01-21		16.83	1999-11-03		15.81
1999-09-24		15.37	1999-08-02		15.81
1999-06-02		15.86	1999-02-25		16.43
1998-12-04		16.08			

Z122
South
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002096**

Objectid:	623	Wid:	3-1751-008
Island:	Oahu	Well name:	Kewalo-KBMML
Old name:	Not Reported		
Yr drilled:	2001		
Driller:	BEYLIK DRLG		
Quad map:	13		
Long83dd:	-157.856111111		
Lat83dd:	21.2911111111		
Gps:	0	Utm:	-1
Owner user:	State of Hawaii UH	Old number:	Not Reported
Well type:	ROT	Casing dia:	14
Ground el:	Not Reported		
Well depth:	101		
Solid case:	60	Perf case:	100
Use:	AGR - Aquatic Plants and Animals	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test unit:	Not Reported
Pump gpm:	1000		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	QLS		
Pump yr:	2001		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	1.44		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	43	Tmk:	(1) 2-1-058:060
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002096

Map ID Direction Distance Elevation	Database	EDR ID Number
U123 **West** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002182**

Objectid:	811	Wid:	3-1852-007
Island:	Oahu	Well name:	Immigration Sta
Old name:	Not Reported		
Yr drilled:	1955		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.864722222		
Lat83dd:	21.3013888889		
Gps:	0	Utm:	-1
Owner user:	State Of Hawaii	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:	UNU - Unused	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	600
Test ddown:	3.1	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-87
Bot solid:	-20	Bot perf:	Not Reported
Spec capac:	194		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-028:003
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-55
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002182

U124 **West** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269612**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211816157520301		
Monloc name:	3-1852-07 W93-2 PR 3		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3012807
Longitude:	-157.8647566	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19550826	Welldepth:	95
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

V125
NNW **FED USGS** **USGS40000269712**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211845157514101		
Monloc name:	3-1851-05 W106 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3093356
Longitude:	-157.8586457	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18820101	Welldepth:	636
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AC126
NNW **HI WELLS** **HI8000000002293**
1/2 - 1 Mile
Higher

Objectid:	733	Wid:	3-1851-005
Island:	Oahu	Well name:	Alakea St
Old name:	Not Reported		
Yr drilled:	1882		
Driller:	Not Reported		
Quad map:	13		
Long83dd:	-157.858611111		
Lat83dd:	21.3094444444		
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:	ABN - Sealed	Use year:	Not Reported
Init head:	26	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	48		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-616
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002293

AD127
WSW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002122**

Objectid:	625	Wid:	3-1752-002
Island:	Oahu	Well name:	Cooling 2
Old name:	Not Reported		
Yr drilled:	2005		
Driller:	WAT RES INTL		
Quad map:	13		
Long83dd:	-157.864167		
Lat83dd:	21.295833		
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:	IND - Geothermal, Thermoelectric Cooling	Use year:	Power De Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	18800		
Test date:	1/7/2005	Test gpm:	5837
Test ddown:	2.6	Test chlor:	Not Reported
Test temp:	73.6	Test 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:	2005		
Draft yr:	Not Reported	Bot hole:	-741
Bot solid:	-91	Bot perf:	-641
Spec capac:	Not Reported		
Pump mgd:	5.04		

Draft mgd:	Not Reported	Pump elev:	-44
Pump depth:	48	Tmk:	(1) 2-1-060:009
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	RYAN M SUZUKI
T:	Not Reported	Site id:	HI8000000002122

AC128
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269715**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211846157514001		
Monloc name:	3-1851-55 W106-1A DW		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3096133
Longitude:	-157.8583679	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	16.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19581028	Welldepth:	40
Welldepth units:	ft	Wellholedepth:	130
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

AC129
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269716**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211846157514002		
Monloc name:	3-1851-56 W106-1B DW		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3096133
Longitude:	-157.8583679	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	16.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19580101	Welldepth:	30
Welldepth units:	ft	Wellholedepth:	30
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

AC130
NNW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002297**

Objectid:	784	Wid:	3-1851-056
Island:	Oahu	Well name:	Alakea St
Old name:	Not Reported		
Yr drilled:	1958		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.858333333		
Lat83dd:	21.3097222222		
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:	Other	Use year:	Not Reported
Init head:	1	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	75
Test ddown:	1	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-14
Bot solid:	13	Bot perf:	Not Reported
Spec capac:	75		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-58
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002297

Map ID Direction Distance Elevation	Database	EDR ID Number
AC131 **NNW** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002296**

Objectid:	783	Wid:	3-1851-055
Island:	Oahu	Well name:	Alakea St
Old name:	Not Reported		
Yr drilled:	1958		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.858333333		
Lat83dd:	21.3097222222		
Gps:	0	Utm:	-1
Owner user:	Am Mutual Ins	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:	Other	Use year:	Not Reported
Init head:	1	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	967		
Test date:	Not Reported	Test gpm:	250
Test ddown:	4	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-24
Bot solid:	13	Bot perf:	Not Reported
Spec capac:	63		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-58
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002296

AE132 **NNW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269704**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211843157514801		
Monloc name:	3-1851-23 W104 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3087801
Longitude:	-157.86059	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19010101	Welldepth:	960
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AE133
NNW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002288**

Objectid:	751	Wid:	3-1851-023
Island:	Oahu	Well name:	Bishop St
Old name:	Not Reported		
Yr drilled:	1901		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.860555556		
Lat83dd:	21.3088888889		
Gps:	0	Utm:	-1
Owner user:	A Young Hotel	Old number:	104-
Well type:	Not Reported	Casing dia:	10
Ground el:	15		
Well depth:	960		
Solid case:	850	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	26.5	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	67		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test unit:	Not Reported
Pump gpm:	0		
Draft mgy:	109	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Not Reported		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	-945
Bot solid:	-835	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-01
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002288

Map ID Direction Distance Elevation	Database	EDR ID Number
AF134 **North** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269721**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211849157512701		
Monloc name:	3-1851-07 W108 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3104465
Longitude:	-157.8547569	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	28.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18840101	Welldepth:	560
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AC135 **NNW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269717**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211846157514301		
Monloc name:	3-1851-30 W105 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3096134
Longitude:	-157.8592012	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	18.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19150501	Welldepth:	810
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AC136
NNW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002295**

Objectid:	758	Wid:	3-1851-030
Island:	Oahu	Well name:	Alakea St
Old name:	Not Reported		
Yr drilled:	1915		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.859166667		
Lat83dd:	21.3097222222		
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		
Solid case:	706	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	28.4	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	44		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test unit:	Not Reported
Pump gpm:	0		
Draft mgy:	36	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Not Reported		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	-792
Bot solid:	-688	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-010:005
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-15
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002295

AG137
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269674**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211833157520001		
Monloc name:	3-1852-06 W102-1 DWN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3060026
Longitude:	-157.8639233	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	3.00
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19530703	Welldepth:	94
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AE138
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002280**

Objectid:	775	Wid:	3-1851-047
Island:	Oahu	Well name:	King St
Old name:	Not Reported		
Yr drilled:	1939		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.861666667		
Lat83dd:	21.3083333333		
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		
Solid case:	22	Perf case:	Not Reported
Use:	UNU - Unused	Use year:	Not Reported
Init head:	3.7	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	3290		
Test date:	Not Reported	Test gpm:	75
Test ddown:	0.3	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	250		
Pump mgd:	0		

Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-39
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002280

AE139
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002281**

Objectid:	776	Wid:	3-1851-048
Island:	Oahu	Well name:	King St
Old name:	Not Reported		
Yr drilled:	1939		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.861666667		
Lat83dd:	21.3083333333		
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 - Unused	Use year:	Not Reported
Init head:	3.6	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	1360		
Test date:	Not Reported	Test gpm:	75
Test ddown:	0.3	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	250		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-39
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002281

AG140
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002246**

Objectid:	810	Wid:	3-1852-006
Island:	Oahu	Well name:	Ala Moana Blvd
Old name:	Not Reported		
Yr drilled:	1953		
Driller:	SAMSON-SMOCK		
Quad map:	13		
Long83dd:	-157.863889		
Lat83dd:	21.306111		
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		
Solid case:	Not Reported	Perf case:	Not Reported
Use:	UNU - Unused	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-016:015
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-53
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002246

AD141
WSW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002121**

Objectid:	624	Wid:	3-1752-001
Island:	Oahu	Well name:	Cooling 1
Old name:	Not Reported		
Yr drilled:	2005		
Driller:	WAT RES INTL		
Quad map:	13		
Long83dd:	-157.864722		
Lat83dd:	21.295833		
Gps:	-1	Utm:	0
Owner user:	Honolulu BWS	Old number:	Not Reported
Well type:	ROT	Casing dia:	32
Ground el:	8		
Well depth:	750		
Solid case:	100	Perf case:	650
Use:	IND - Geothermal, Thermoelectric Cooling	Use year:	Power De Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	18500		
Test date:	1/14/2005	Test gpm:	7084
Test ddown:	4.8	Test chlor:	Not Reported

Test temp:	73.8	Test 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:	2005		
Draft yr:	Not Reported	Bot hole:	-742
Bot solid:	-92	Bot perf:	-642
Spec capac:	Not Reported		
Pump mgd:	5.04		
Draft mgd:	Not Reported	Pump elev:	-44
Pump depth:	48	Tmk:	(1) 2-1-060:009
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	RYAN M SUZUKI
T:	Not Reported	Site id:	HI8000000002121

142
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269546**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211748157515701		
Monloc name:	3-1751-01 KEWALO LANDFILL B-3		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.2935034
Longitude:	-157.86309	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	43.0
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19881202	Welldepth:	51
Welldepth units:	ft	Wellholedepth:	51
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1988-12-02	44.	

AF143
North
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002300**

Objectid:	735	Wid:	3-1851-007
Island:	Oahu	Well name:	Pacific Club
Old name:	Not Reported		
Yr drilled:	1884		
Driller:	ASHLEY		
Quad map:	13		
Long83dd:	-157.854611		
Lat83dd:	21.310694		
Gps:	0	Utm:	-1
Owner user:	Pacific Club	Old number:	108-
Well type:	Not Reported	Casing dia:	3
Ground el:	28		
Well depth:	560		
Solid case:	498	Perf case:	Not Reported
Use:	IRR - Irrigation (non-domestic, non-agriculture)	Use2:	Not Reported
Init head:	23.2	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	35		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test unit:	Not Reported
Pump gpm:	35		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	TKB		
Pump yr:	1985		
Draft yr:	Not Reported	Bot hole:	-532
Bot solid:	-470	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	.05		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-019:014
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002300

AD144
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269557**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211754157520201		
Monloc name:	3-1752-01M KEWALO LANDFILL B-1		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.29517
Longitude:	-157.8644789	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	50.
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19881202	Welldepth:	57
Welldepth units:	ft	Wellholedepth:	58.5
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1988-12-02	50.	

AG145
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269690**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211837157515801		
Monloc name:	3-1851-68 W90-8A DWN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3071136
Longitude:	-157.8633677	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	7.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19680101	Welldepth:	36
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AG146
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269691**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211837157515802		
Monloc name:	3-1851-69 W90-8B DWN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3071136
Longitude:	-157.8633677	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	7.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19680101	Welldepth:	40
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AH147
SSW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002097**

Objectid:	622	Wid:	3-1751-006
Island:	Oahu	Well name:	Kewalo PBRC
Old name:	Not Reported		
Yr drilled:	1970		
Driller:	ROSCOE MOSS		
Quad map:	13		
Long83dd:	-157.860833333		
Lat83dd:	21.2913888889		
Gps:	0	Utm:	-1
Owner user:	State of Hawaii UH	Old number:	Not Reported
Well type:	PER	Casing dia:	14
Ground el:	5		
Well depth:	151		
Solid case:	46	Perf case:	Not Reported
Use:	Other	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	179
Test ddown:	8	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-146
Bot solid:	-41	Bot perf:	Not Reported
Spec capac:	22		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-060:001
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-70
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002097

Map ID Direction Distance Elevation	Database	EDR ID Number
AI148 **NW** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002266**

Objectid:	797	Wid:	3-1851-069
Island:	Oahu	Well name:	Bishop St
Old name:	Not Reported		
Yr drilled:	1968		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.863333333		
Lat83dd:	21.3072222222		
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		
Solid case:	9	Perf case:	Not Reported
Use:	IND - Geothermal, Thermoelectric Cooling	Use per:	Power De
Init head:	0.3	Init head2:	Not Reported
Init head3:	Not Reported		Not Reported
Init cl:	0		
Test date:	Not Reported	Test gpm:	425
Test ddown:	11.2	Test chlor:	17300
Test temp:	25.6	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-33
Bot solid:	-2	Bot perf:	Not Reported
Spec capac:	38		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-013:006
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-68
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002266

AI149 **NW** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002265**

Objectid:	796	Wid:	3-1851-068
Island:	Oahu	Well name:	Bishop St
Old name:	Not Reported		
Yr drilled:	1968		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.863333333		
Lat83dd:	21.3072222222		
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:	IND - Geothermal, Thermoelectric Cooling	Use year:	Power De Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	440
Test ddown:	4.5	Test chlor:	16750
Test temp:	26.1	Test unit:	C
Pump gpm:	1400		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	Not Reported		
Pump yr:	1968		
Draft yr:	Not Reported	Bot hole:	-29
Bot solid:	-1	Bot perf:	Not Reported
Spec capac:	98		
Pump mgd:	2.016		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-013:006
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-68
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002265

AI150
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002267**

Objectid:	798	Wid:	3-1851-070
Island:	Oahu	Well name:	Ft St Mall
Old name:	Not Reported		
Yr drilled:	1968		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.863333333		
Lat83dd:	21.3072222222		
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:	Other	Use year:	Not Reported
Init head:	0.3	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	550
Test ddown:	1.9	Test chlor:	17800
Test temp:	25.6	Test unit:	C
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	QLS		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	-23
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	289		
Pump mgd:	0		

Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-013:006
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-68
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002267

AH151
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269537**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211740157514901		
Monloc name:	3-1751-06 W92-5 KEWA		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.2912812
Longitude:	-157.860868	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	5.00
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19700831	Welldepth:	151
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1970-08-01	5.00	

AE152
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269705**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211843157515201		
Monloc name:	3-1851-52 W104-1 DWN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3087801
Longitude:	-157.861701	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	15.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19520302	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AI153
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269692**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211837157515803		
Monloc name:	3-1851.05 -70/W90-8C		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3073914
Longitude:	-157.8633677	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	7.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19681025	Welldepth:	30
Welldepth units:	ft	Wellholedepth:	30
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1968-10-01	7.00	

AI154
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269697**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211840157515601		
Monloc name:	3-1851-53 W90-7 DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3079469
Longitude:	-157.8628122	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19561028	Welldepth:	122
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AE155
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002287**

Objectid:	780	Wid:	3-1851-052
Island:	Oahu	Well name:	King St
Old name:	Not Reported		
Yr drilled:	1952		
Driller:	SAMSON-SMOCK		
Quad map:	13		
Long83dd:	-157.861666667		
Lat83dd:	21.3088888889		
Gps:	0	Utm:	-1
Owner user:	Bank Of Hawaii	Old number:	104-1
Well type:	Not Reported	Casing dia:	8
Ground el:	Not Reported		
Well depth:	100		
Solid case:	100	Perf case:	Not Reported
Use:	ABN - Lost	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	148
Test ddown:	0.6	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	247		
Pump mgd:	0		

Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-52
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002287

AI156
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002277**

Objectid:	781	Wid:	3-1851-053
Island:	Oahu	Well name:	Queen St
Old name:	Not Reported		
Yr drilled:	1956		
Driller:	SAMSON-SMOCK		
Quad map:	13		
Long83dd:	-157.862777778		
Lat83dd:	21.3080555556		
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:	Other	Use year:	Not Reported
Init head:	0.4	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	400
Test ddown:	13.1	Test chlor:	19
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-114
Bot solid:	-14	Bot perf:	-22
Spec capac:	31		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-56
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002277

AJ157
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269706**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211843157515301		
Monloc name:	3-1851-42 W90-1A DWN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3087801
Longitude:	-157.8619789	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19390101	Welldepth:	50
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AJ158
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269707**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211843157515302		
Monloc name:	3-1851.01 -43/W90-1B		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3087801
Longitude:	-157.8619789	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.09
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19390701	Welldepth:	40
Welldepth units:	ft	Wellholedepth:	40
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1939-07-27	10.00	

Note: A nearby site that taps the same aquifer had been pumped recently.

159
SE
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002099**

Objectid:	620	Wid:	3-1751-004
Island:	Oahu	Well name:	Ala Moana
Old name:	Not Reported		
Yr drilled:	1967		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.848055556		
Lat83dd:	21.2913888889		
Gps:	0	Utm:	-1
Owner user:	1350 Ala Moana	Old number:	76-1
Well type:	Not Reported	Casing dia:	Not Reported
Ground el:	5		
Well depth:	0		
Solid case:	Not Reported	Perf case:	Not Reported
Use:	Other	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	RF		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-3-006:001
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-67
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002099

AK160
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269719**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211848157514601		
Monloc name:	3-1851-41 W105-1 DWN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3101689
Longitude:	-157.8600345	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	21.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19380101	Welldepth:	46
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

161
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269541**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211743157515601		
Monloc name:	3-1751-02M KEWALO LANDFILL B-2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.2921146
Longitude:	-157.8628124	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	22.
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19881202	Welldepth:	32
Welldepth units:	ft	Wellholedepth:	32
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1988-12-02	23.	

AJ162
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269708**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211843157515601		
Monloc name:	3-1851-38 W90 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3087802
Longitude:	-157.8628122	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	12.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19370101	Welldepth:	100
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AI163
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002276**

Objectid:	804	Wid:	3-1851-076
Island:	Oahu	Well name:	Amfac Center
Old name:	Not Reported		
Yr drilled:	0		
Driller:	Not Reported		
Quad map:	13		
Long83dd:	-157.863611111		
Lat83dd:	21.3080555556		
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:	0		
Solid case:	Not Reported	Perf case:	Not Reported
Use:	IND - Geothermal, Thermoelectric Cooling	Owner:	Power De
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test unit:	Not Reported
Pump gpm:	1400		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	QLS		
Pump yr:	1969		
Draft 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	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-013:006
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002276

164
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269547**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211748157520201		
Monloc name:	3-1752-02M KEWALO LANDFILL B-4		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.2935034
Longitude:	-157.8644789	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	55.0
Vert measure units:	feet	Vertacc measure val:	.1
Vert accmeasure units:	feet		
Vertcollection method:	Level or other surveying method		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19881130	Welldepth:	57
Welldepth units:	ft	Wellholedepth:	57
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1988-11-30	55.	

AJ165
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002286**

Objectid:	766	Wid:	3-1851-038
Island:	Oahu	Well name:	Ft St Mall
Old name:	Not Reported		
Yr drilled:	1937		
Driller:	MULLIN		
Quad map:	13		
Long83dd:	-157.862777778		
Lat83dd:	21.3088888889		
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 - Unused	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	130
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-37
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002286

AJ166
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269713**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211845157515401		
Monloc name:	3-1851-40 W90-3 DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3093357
Longitude:	-157.8622566	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	13.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19380101	Welldepth:	42
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AI167
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269700**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211841157515901		
Monloc name:	3-1851-71 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3082247
Longitude:	-157.8636455	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	7.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19730702	Welldepth:	45
Welldepth units:	ft	Wellholedepth:	45
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1973-07-02	7.00	

AI168
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269701**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211841157515902		
Monloc name:	3-1851-72 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3082247
Longitude:	-157.8636455	Sourcemap scale:	24000

Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	7.00
Vert measure units:	feet	Vertacc measure val:	.5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19730712	Welldepth:	45
Welldepth units:	ft	Wellholedepth:	45
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1973-07-12	7.00	

AJ169
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002292**

Objectid:	768	Wid:	3-1851-040
Island:	Oahu	Well name:	Ft St Mall
Old name:	Not Reported		
Yr drilled:	1938		
Driller:	HOBART		
Quad map:	13		
Long83dd:	-157.862222222		
Lat83dd:	21.3094444444		
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:	Other	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		

Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-38
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002292

AI170
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002279**

Objectid:	800	Wid:	3-1851-072
Island:	Oahu	Well name:	Ft St Mall 2
Old name:	Not Reported		
Yr drilled:	1973		
Driller:	ROSCOE MOSS		
Quad map:	13		
Long83dd:	-157.863611111		
Lat83dd:	21.3083333333		
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:	IND - Geothermal, Thermoelectric Cooling	Owner:	Power De
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	7/12/1973	Test gpm:	950
Test ddown:	8.5	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-38
Bot solid:	-3	Bot perf:	Not Reported
Spec capac:	112		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-013:001
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JUL-73
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002279

AI171
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002278**

Objectid:	799	Wid:	3-1851-071
Island:	Oahu	Well name:	Ft St Mall 1
Old name:	Not Reported		
Yr drilled:	1973		
Driller:	ROSCOE MOSS		
Quad map:	13		
Long83dd:	-157.863611111		
Lat83dd:	21.3083333333		
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:	IND - Geothermal, Thermoelectric Cooling	Owner:	Power De
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	7/2/1973	Test gpm:	850
Test ddown:	8.2	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-38
Bot solid:	-3	Bot perf:	Not Reported
Spec capac:	104		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-013:001
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JUL-73
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002278

AL172
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000269584**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211808157504301		
Monloc name:	3-1850-15 W76 MAKIKI		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.299058
Longitude:	-157.8425352	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	17.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	18840101	Welldepth:	656
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AL173
East
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002148**

Objectid:	713	Wid:	3-1850-015
Island:	Oahu	Well name:	Makiki
Old name:	Not Reported		
Yr drilled:	1884		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.8425		
Lat83dd:	21.2991666667		
Gps:	0	Utm:	-1
Owner user:	Wilcox G N	Old number:	76-
Well type:	Not Reported	Casing dia:	6
Ground el:	17		
Well depth:	656		
Solid case:	455	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	19	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-639
Bot solid:	-438	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002148

AK174
NNW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002301**

Objectid:	769	Wid:	3-1851-041
Island:	Oahu	Well name:	Ft St Mall
Old name:	Not Reported		
Yr drilled:	1938		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.86		
Lat83dd:	21.3108333333		
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:	Other	Use year:	Not Reported
Init head:	1.5	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	139		
Test date:	Not Reported	Test gpm:	40
Test ddown:	2.3	Test chlor:	150
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-25
Bot solid:	-1	Bot perf:	-21
Spec capac:	17		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-38
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002301

AJ175
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269718**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211846157515501		
Monloc name:	3-1851-49 W90-2 DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3096134
Longitude:	-157.8625344	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	10.00
Vert measure units:	feet	Vertacc measure val:	3
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19400825	Welldepth:	60
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AM176
West
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002144**

Objectid:	806	Wid:	3-1852-002
Island:	Oahu	Well name:	Fort Armstrong
Old name:	Not Reported		
Yr drilled:	1939		
Driller:	MULLIN		
Quad map:	13		
Long83dd:	-157.867222222		
Lat83dd:	21.2983333333		
Gps:	0	Utm:	-1
Owner user:	State Of Hawaii	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 - Unused	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	14500		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test unit:	Not Reported
Pump gpm:	0		
Draft mgy:	Not Reported	Head feet:	Not Reported
Max chlor:	Not Reported	Min chlor:	Not Reported
Geology:	RF		
Pump yr:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-057:004
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-39
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002144

AM177
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000269579**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211805157521201		
Monloc name:	3-1852-02 W93-1 PR2		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.2982255
Longitude:	-157.8672565	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	3.00
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19390914	Welldepth:	102
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AJ178
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002294**

Objectid:	777	Wid:	3-1851-049
Island:	Oahu	Well name:	King St
Old name:	Not Reported		
Yr drilled:	1940		
Driller:	MULLIN		
Quad map:	13		
Long83dd:	-157.8625		
Lat83dd:	21.3097222222		
Gps:	0	Utm:	-1
Owner user:	Royal Amusemt	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:	Other	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		

Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-40
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002294

AK179
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269728**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211852157514501		
Monloc name:	3-1851-50 W105-2 DWN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3112799
Longitude:	-157.8597567	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	25.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19400801	Welldepth:	25
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AN180
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000269733**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211855157513501		
Monloc name:	3-1851-16 W107 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3121131
Longitude:	-157.856979	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	28.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18990101	Welldepth:	1007
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AK181
NNW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002303**

Objectid:	778	Wid:	3-1851-050
Island:	Oahu	Well name:	Ft St Mall
Old name:	Not Reported		
Yr drilled:	1940		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.859722222		
Lat83dd:	21.3113888889		
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:	Other	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-40
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002303

Map ID Direction Distance Elevation	Database	EDR ID Number
AN182 **North** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002308**

Objectid:	744	Wid:	3-1851-016
Island:	Oahu	Well name:	Central School
Old name:	Not Reported		
Yr drilled:	1889		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.856944444		
Lat83dd:	21.3122222222		
Gps:	0	Utm:	-1
Owner user:	C&C Honolulu	Old number:	107-
Well type:	Not Reported	Casing dia:	6
Ground el:	28		
Well depth:	1007		
Solid case:	Not Reported	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-979
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002308

AO183 **ESE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269569**	

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211802157504201		
Monloc name:	3-1850-27 W75 MAKIKI		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.2973914
Longitude:	-157.8422574	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	8.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19140101	Welldepth:	552
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AO184
ESE
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002133**

Objectid:	725	Wid:	3-1850-027
Island:	Oahu	Well name:	Makiki
Old name:	Not Reported		
Yr drilled:	1914		
Driller:	Not Reported		
Quad map:	13		
Long83dd:	-157.842222222		
Lat83dd:	21.2975		
Gps:	0	Utm:	-1
Owner user:	Meadow Gold	Old number:	75-
Well type:	Not Reported	Casing dia:	10
Ground el:	8		
Well depth:	552		
Solid case:	486	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	27	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	75		
Test date:	Not Reported	Test gpm:	Not Reported
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-544
Bot solid:	-478	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-14
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002133

Map ID Direction Distance Elevation	Database	EDR ID Number
AP185 **NW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269711**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211844157520001		
Monloc name:	3-1852-03 W90-4 DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3090579
Longitude:	-157.8639232	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	3.00
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19470501	Welldepth:	52
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AQ186 **WNW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269684**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211836157520701		
Monloc name:	3-1852-05 W90-6 DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3068359
Longitude:	-157.8658676	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	3.00
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19510201	Welldepth:	40
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AQ187
WNW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002259**

Objectid:	809	Wid:	3-1852-005
Island:	Oahu	Well name:	Aloha Tower
Old name:	Not Reported		
Yr drilled:	1951		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.865833333		
Lat83dd:	21.3069444444		
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 - Unused	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	90
Test ddown:	3.4	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	26		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-001:001
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-51
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002259

AP188
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002290**

Objectid:	807	Wid:	3-1852-003
Island:	Oahu	Well name:	Ala Moana Blvd
Old name:	Not Reported		
Yr drilled:	1947		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.863888889		
Lat83dd:	21.3091666667		
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:	Other	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	150
Test ddown:	2.3	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	65		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-001:006
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-47
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002290

AR189
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269729**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211852157514901		
Monloc name:	3-1851-37 W100-1 DWN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3112799
Longitude:	-157.8608678	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	24.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19361006	Welldepth:	52
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AQ190
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000269693**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211837157520701		
Monloc name:	3-1852-04 W90-5 DWNT		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3071137
Longitude:	-157.8658676	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	3.00
Vert measure units:	feet	Vertacc measure val:	1
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19470501	Welldepth:	64
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AQ191
NW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002264**

Objectid:	808	Wid:	3-1852-004
Island:	Oahu	Well name:	Aloha Towers
Old name:	Not Reported		
Yr drilled:	1947		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.865833333		
Lat83dd:	21.3072222222		
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:	Other	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	150
Test ddown:	1.5	Test chlor:	Not Reported

Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	100		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-001:001
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-47
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002264

AR192
NNW
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002302**

Objectid:	767	Wid:	3-1851-039
Island:	Oahu	Well name:	Hawaii Theatre
Old name:	Not Reported		
Yr drilled:	1937		
Driller:	MULLIN		
Quad map:	13		
Long83dd:	-157.861666667		
Lat83dd:	21.3111111111		
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		
Solid case:	20	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	50
Test ddown:	0.8	Test chlor:	181
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	Not Reported
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	63		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-1-003:014
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-37
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002302

Map ID Direction Distance Elevation	Database	EDR ID Number
AR193 **NNW** **1/2 - 1 Mile** **Higher**	**HI WELLS**	**HI8000000002307**

Objectid:	765	Wid:	3-1851-037
Island:	Oahu	Well name:	Nuuanu Ave
Old name:	Not Reported		
Yr drilled:	1936		
Driller:	HOBART		
Quad map:	13		
Long83dd:	-157.860277778		
Lat83dd:	21.3119444444		
Gps:	0	Utm:	-1
Owner user:	Cons Amus Co	Old number:	100-1
Well type:	Not Reported	Casing dia:	8
Ground el:	24		
Well depth:	52		
Solid case:	40	Perf case:	Not Reported
Use:	Other	Use year:	Not Reported
Init head:	0.4	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	3
Test ddown:	Not Reported	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-28
Bot solid:	-16	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-JAN-36
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002307

AS194 **East** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269632**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211821157503501		
Monloc name:	3-1850-08 W73 MAKIKI		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3026689
Longitude:	-157.8403128	Sourcemap scale:	24000

Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	34.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18820101	Welldepth:	358
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AS195
East
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002209**

Objectid:	706	Wid:	3-1850-008
Island:	Oahu	Well name:	Makiki
Old name:	Not Reported		
Yr drilled:	1882		
Driller:	MCCANDLESS		
Quad map:	13		
Long83dd:	-157.840277778		
Lat83dd:	21.3027777778		
Gps:	0	Utm:	-1
Owner user:	Bank Of Haw	Old number:	73-
Well type:	Not Reported	Casing dia:	7
Ground el:	34		
Well depth:	358		
Solid case:	Not Reported	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	11.8	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-324
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	Not Reported
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002209

Map ID Direction Distance Elevation	Database	EDR ID Number
196 **NNW** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269742**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211857157515201		
Monloc name:	3-1851-39 W100 DWNTN		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3126688
Longitude:	-157.861701	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	21.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19370101	Welldepth:	60
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AT197 **ESE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269561**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211757157503601		
Monloc name:	3-1750-09 W63-1 KAPI		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.2960026
Longitude:	-157.8405908	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	7.00
Vert measure units:	feet	Vertacc measure val:	2
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	19640101	Welldepth:	53
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AU198
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000269642**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211826157503501		
Monloc name:	3-1850-07 W72 MAKIKI		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.3040577
Longitude:	-157.8403128	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	37.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	18820101	Welldepth:	375
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

AU199
ENE
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002222**

Objectid:	705	Wid:	3-1850-007
Island:	Oahu	Well name:	Makiki
Old name:	Not Reported		
Yr drilled:	1882		
Driller:	FESSLER		
Quad map:	13		
Long83dd:	-157.840277778		
Lat83dd:	21.3041666667		
Gps:	0	Utm:	-1
Owner user:	Babcock	Old number:	72-
Well type:	Not Reported	Casing dia:	7
Ground el:	37		
Well depth:	375		
Solid case:	Not Reported	Perf case:	Not Reported
Use:	ABN - Sealed	Use year:	Not Reported
Init head:	42	Init head2:	Not Reported
Init head3:	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	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-338
Bot solid:	Not Reported	Bot perf:	Not Reported
Spec capac:	Not Reported		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 3-9-010:001
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	30-DEC-99
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002222

AT200
ESE
1/2 - 1 Mile
Higher

HI WELLS **HI8000000002120**

Objectid:	604	Wid:	3-1750-009
Island:	Oahu	Well name:	Ala Moana
Old name:	Not Reported		
Yr drilled:	1964		
Driller:	NAT WHITON		
Quad map:	13		
Long83dd:	-157.840472		
Lat83dd:	21.295806		
Gps:	0	Utm:	-1
Owner user:	Pagoda Hotel	Old number:	63-1
Well type:	Not Reported	Casing dia:	16
Ground el:	7		
Well depth:	53		
Solid case:	21	Perf case:	Not Reported
Use:	IRR - Landscape/Water Features	Use year:	Not Reported
Init head:	Not Reported	Init head2:	Not Reported
Init head3:	Not Reported		
Init cl:	0		
Test date:	Not Reported	Test gpm:	550
Test ddown:	2.9	Test chlor:	Not Reported
Test temp:	Not Reported	Test 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:	0		
Draft yr:	Not Reported	Bot hole:	-46
Bot solid:	-14	Bot perf:	Not Reported
Spec capac:	190		
Pump mgd:	0		
Draft mgd:	Not Reported	Pump elev:	Not Reported
Pump depth:	Not Reported	Tmk:	(1) 2-3-017:016
Aqui code:	30102		
Latest hd:	Not Reported	Wcr:	01-MAR-64
Pir:	Not Reported	Surveyor:	Not Reported
T:	Not Reported	Site id:	HI8000000002120

Map ID Direction Distance Elevation	Database	EDR ID Number
201 **East** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000269592**

Org. Identifier:	USGS-HI		
Formal name:	USGS Hawaii Water Science Center		
Monloc Identifier:	USGS-211811157503201		
Monloc name:	3-1850-28 W74-1 MAKI		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	20060000	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	21.2998912
Longitude:	-157.8394796	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	20.00
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	HILOCAL	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19380101	Welldepth:	71
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

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

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
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.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 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, 2005 and 2010 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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

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

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

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

STATE RECORDS

Well Index Database
Source: Commission on Water Resource Management
Telephone: 808-587-0214
CWRM maintains a Well Index Database to track specific information pertaining to the construction and installation of production wells in Hawaii

OTHER STATE DATABASE INFORMATION

RADON

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

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

OTHER

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

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

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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PHASE I ENVIRONMENTAL SITE ASSESSMENT

803 Waimanu Street
Honolulu, HI 96813
TMK NOs. (1) 2-1-049-050, (1) 2-1-049-070, (1) 2-1-049-072

Prepared for:
MJF DEVELOPMENT CORPORATION
1541 SOUTH BERETANIA STREET, SUITE 101
HONOLULU, HAWAII 96826

Prepared by:

MURANAKA ENVIRONMENTAL CONSULTANTS, INC.
197 SAND ISLAND ACCESS RD, SUITE 200
HONOLULU, HAWAII 96819
(808) 845-8822

Project No. 2014-0228
January 19, 2015

Volume II

Appendix D

continued

2014-0228
803 Waimanu Street
Honolulu, HI 96813

Inquiry Number: 4163300.12
December 17, 2014

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography December 17, 2014

Target Property:

803 Waimanu Street

Honolulu, HI 96813

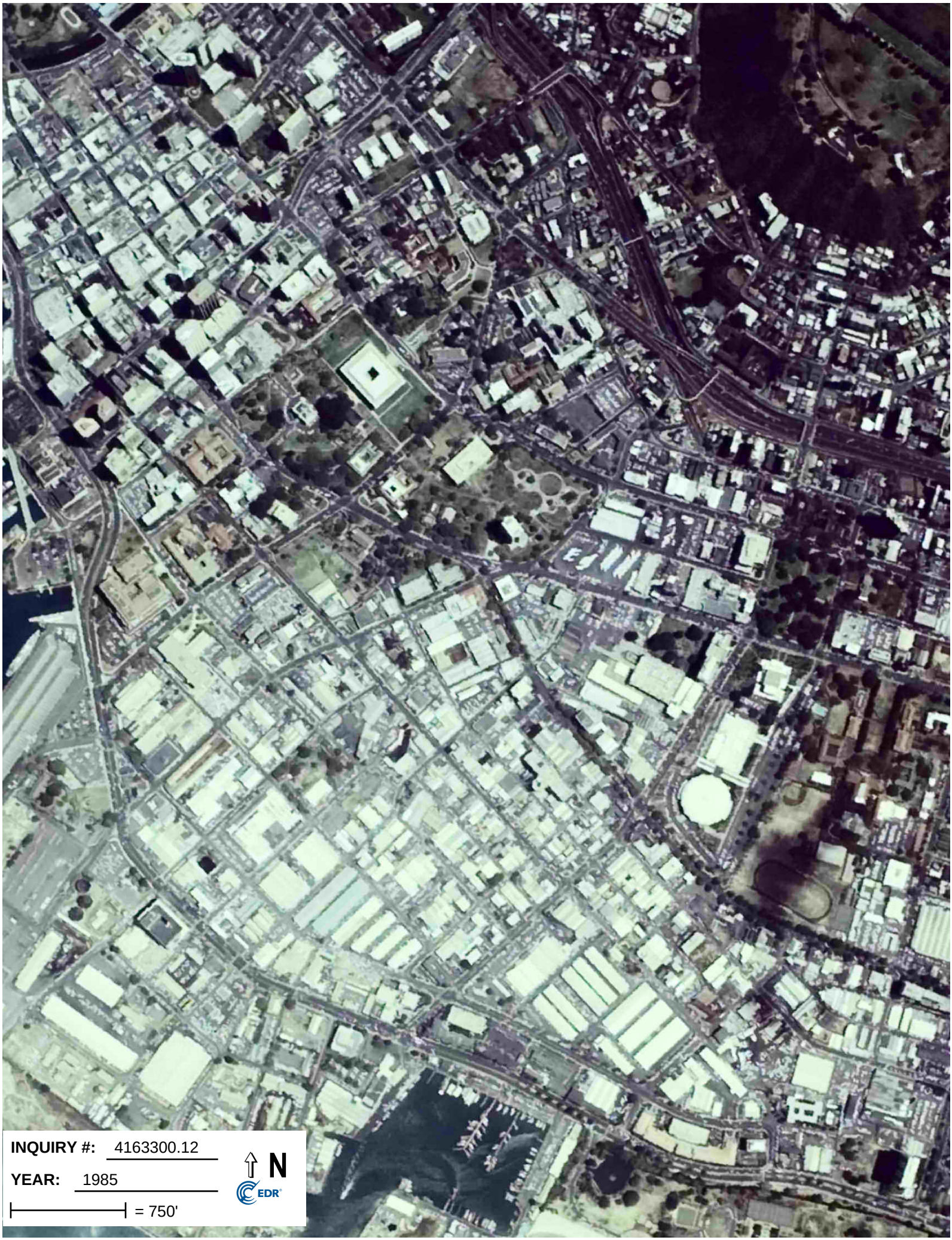
Year	***Scale***	***Details***	***Source***
1952	Aerial Photograph. Scale: 1"=750'	Flight Date: April 03, 1952	EDR
1968	Aerial Photograph. Scale: 1"=500'	Flight Date: February 26, 1968	EDR
1975	Aerial Photograph. Scale: 1"=1000'	Flight Date: July 22, 1975	EDR
1978	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1978	USGS
1985	Aerial Photograph. Scale: 1"=750'	Flight Date: April 29, 1985	EDR
1992	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1992	USGS
2000	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: January 30, 2000	USGS/DOQQ
2004	Aerial Photograph. Scale: 1"=500'	Flight Date: February 16, 2004	EDR

INQUIRY #: 4163300.12
YEAR: 1952
= 750'
N
EDR

INQUIRY #: 4163300.12
YEAR: 1968
= 500'
N
EDR

INQUIRY #: 4163300.12
YEAR: 1975
= 1000'
N
EDR

INQUIRY #: 4163300.12
YEAR: 1978
= 500'
N
EDR


INQUIRY #: 4163300.12
YEAR: 1985
= 750'
N
EDR

INQUIRY #: 4163300.12
YEAR: 1992
= 500'
N
EDR

INQUIRY #: 4163300.12
YEAR: 2000
= 500'
N
EDR

INQUIRY #: 4163300.12
YEAR: 2004
= 500'
N
EDR

2014-0228
803 Waimanu Street
Honolulu, HI 96813

Inquiry Number: 4163300.3
December 17, 2014

Certified Sanborn® Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/17/14

Site Name:
2014-0228
803 Waimanu Street
Honolulu, HI 96813

Client Name:
Muranaka Env. Consultants, Inc
197 Sand Island Access Road
Honolulu, HI 96819

EDR Inquiry # 4163300.3

Contact: Maureen Logan

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Muranaka Env. Consultants, Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: 2014-0228
Address: 803 Waimanu Street
City, State, Zip: Honolulu, HI 96813
Cross Street:
P.O. # NA
Project: 2014-0228
Certification # E524-452D-9180

Maps Provided:

1993	1962
1991	1956
1986	1955
1977	1950
1976	1927
1975	1914

Sanborn® Library search results
Certification # E524-452D-9180

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

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

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Thumbnails

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

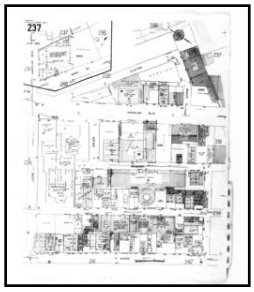
1993 Source Sheets

Volume 2, Sheet 236

Volume 2, Sheet 237

1991 Source Sheets

Volume 2, Sheet 236

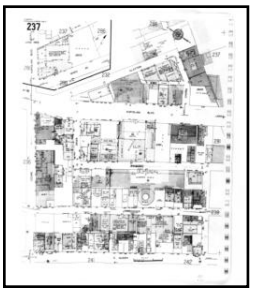


Volume 2, Sheet 237

1986 Source Sheets

Volume 2, Sheet 232

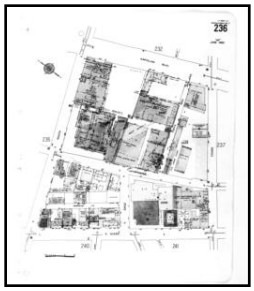
Volume 2, Sheet 236



Volume 2, Sheet 237

1977 Source Sheets

Volume 2, Sheet 232



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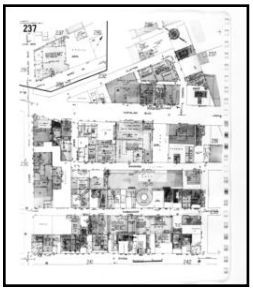

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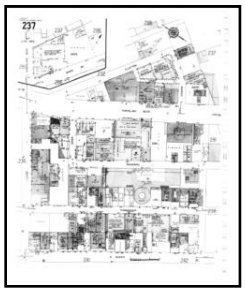
1976 Source Sheets

Volume 2, Sheet 236



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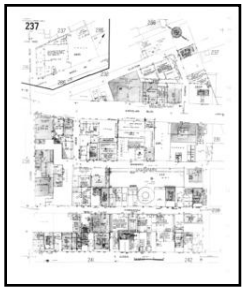
1975 Source Sheets

Volume 2, Sheet 236



Volume 2, Sheet 237

1962 Source Sheets

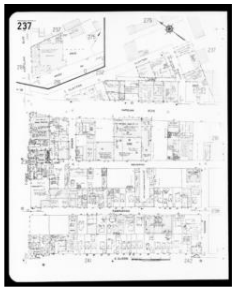
Volume 2, Sheet 232

Volume 2, Sheet 236

Volume 2, Sheet 237

1956 Source Sheets

Volume 2, Sheet 236



Volume 2, Sheet 237

1955 Source Sheets

Volume 2, Sheet 232

Volume 2, Sheet 236

Volume 2, Sheet 237

1950 Source Sheets

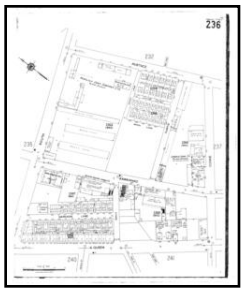
Volume 2, Sheet 232

Volume 2, Sheet 236

Volume 2, Sheet 237

1927 Source Sheets

Volume 2, Sheet 232



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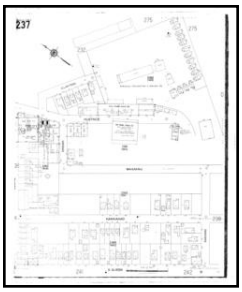

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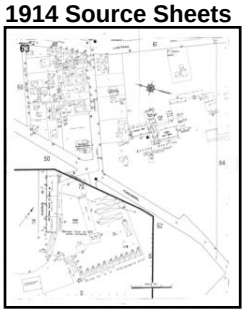
1914 Source Sheets



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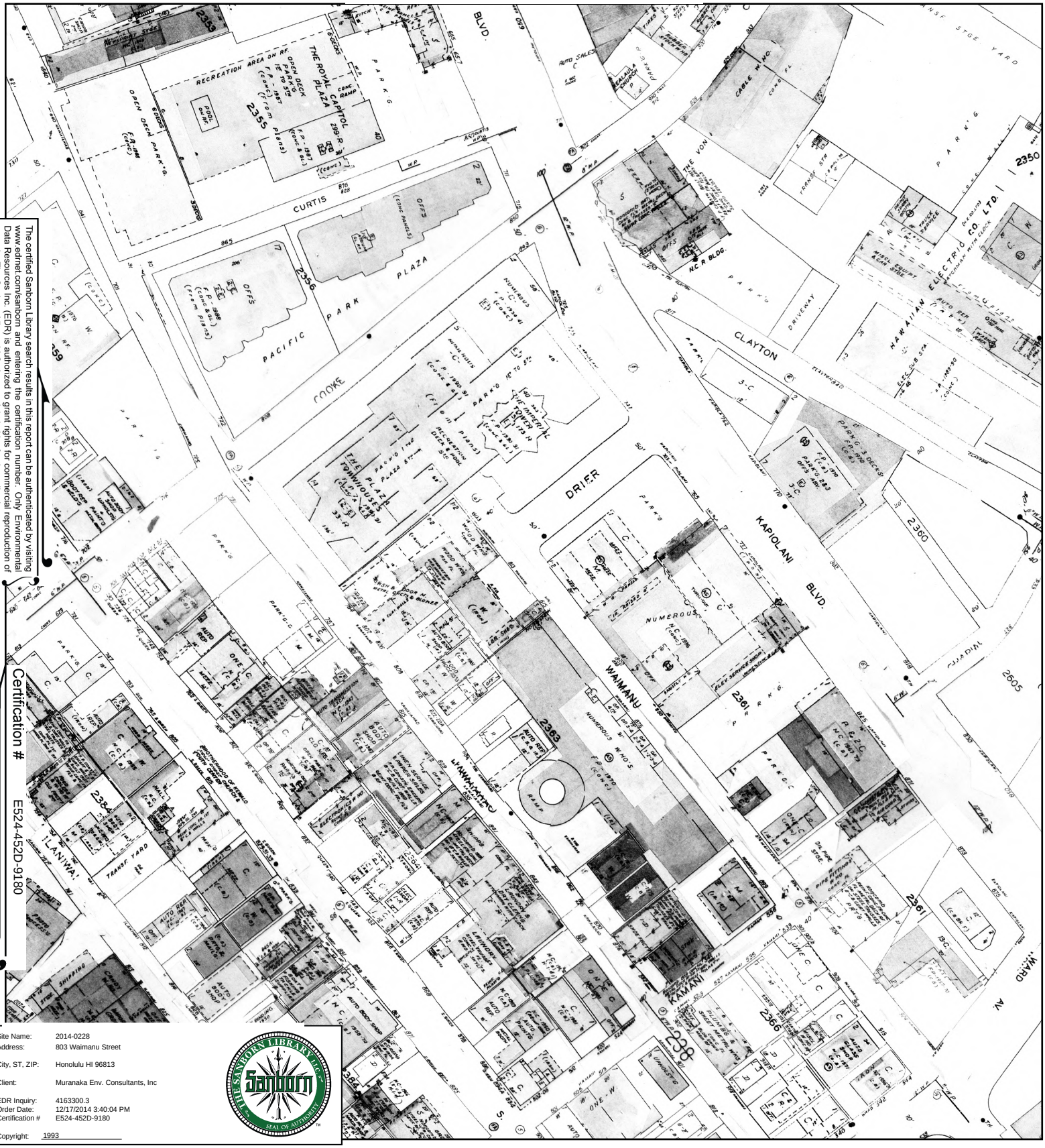
1993 Certified Sanborn Map



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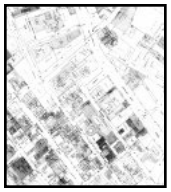

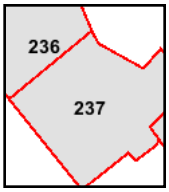

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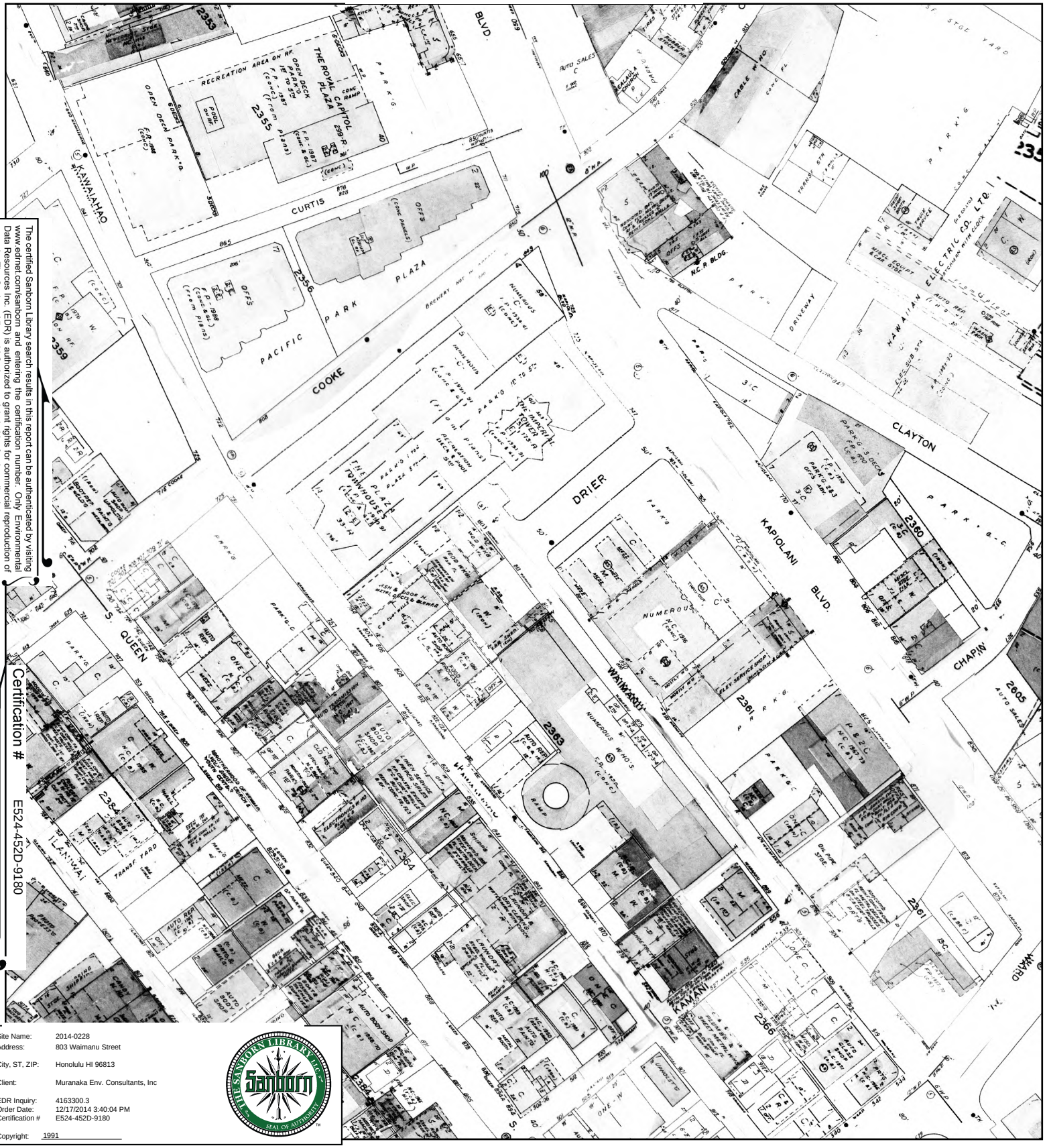
1991 Certified Sanborn Map



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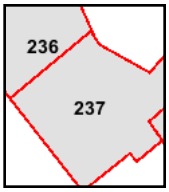

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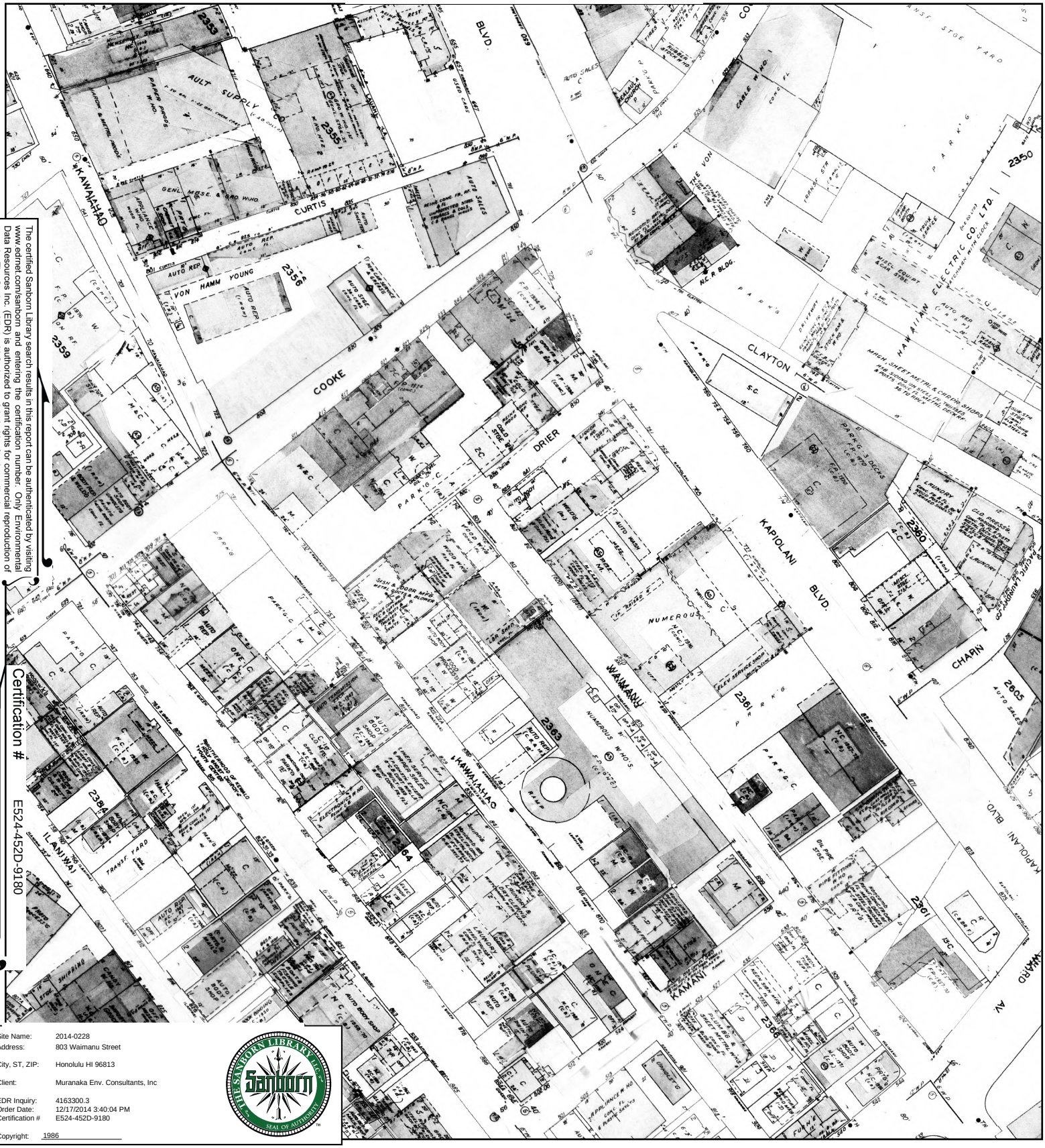
1986 Certified Sanborn Map



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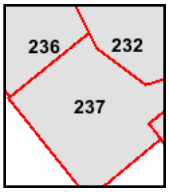

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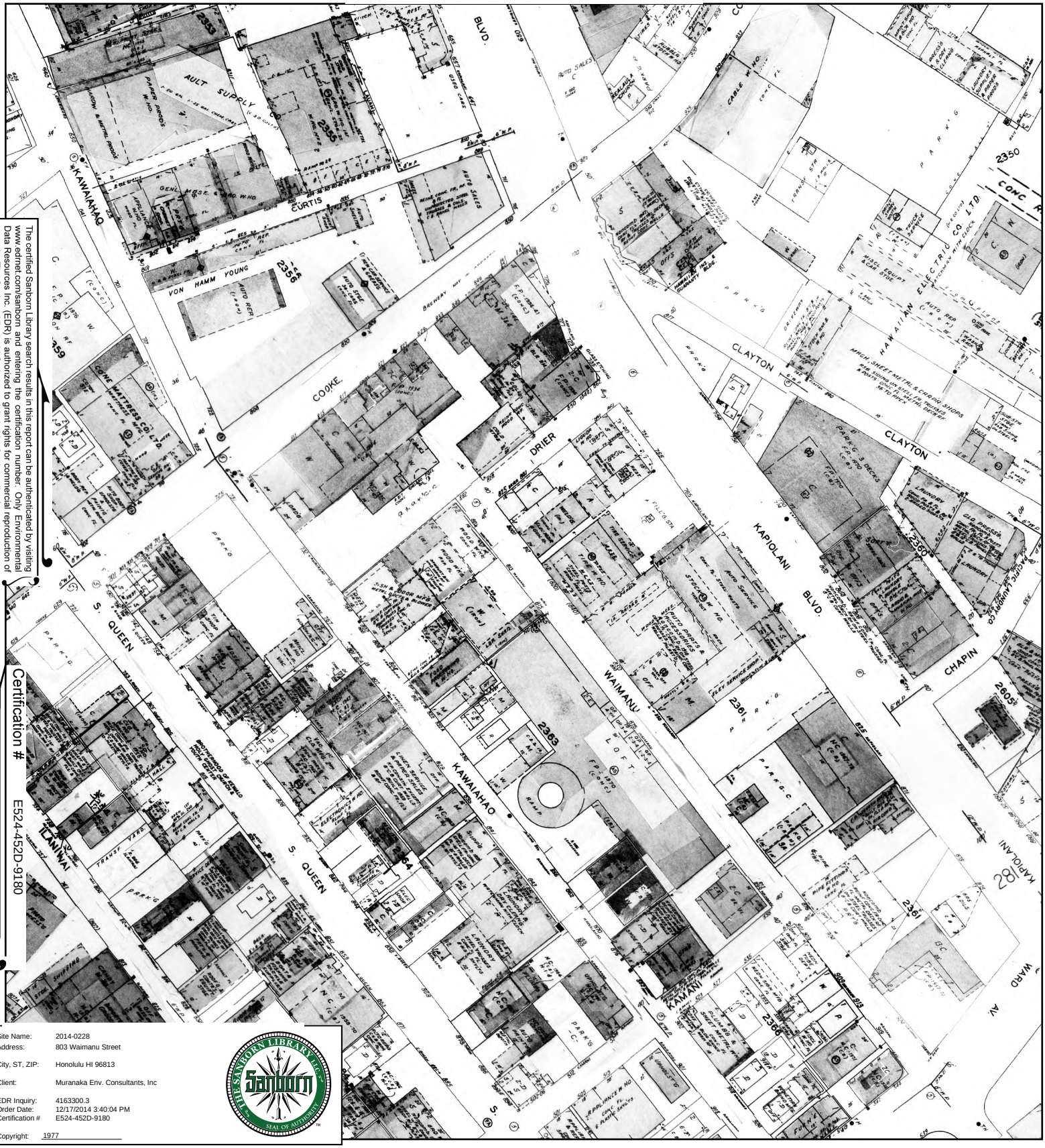
1977 Certified Sanborn Map



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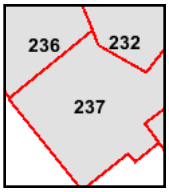

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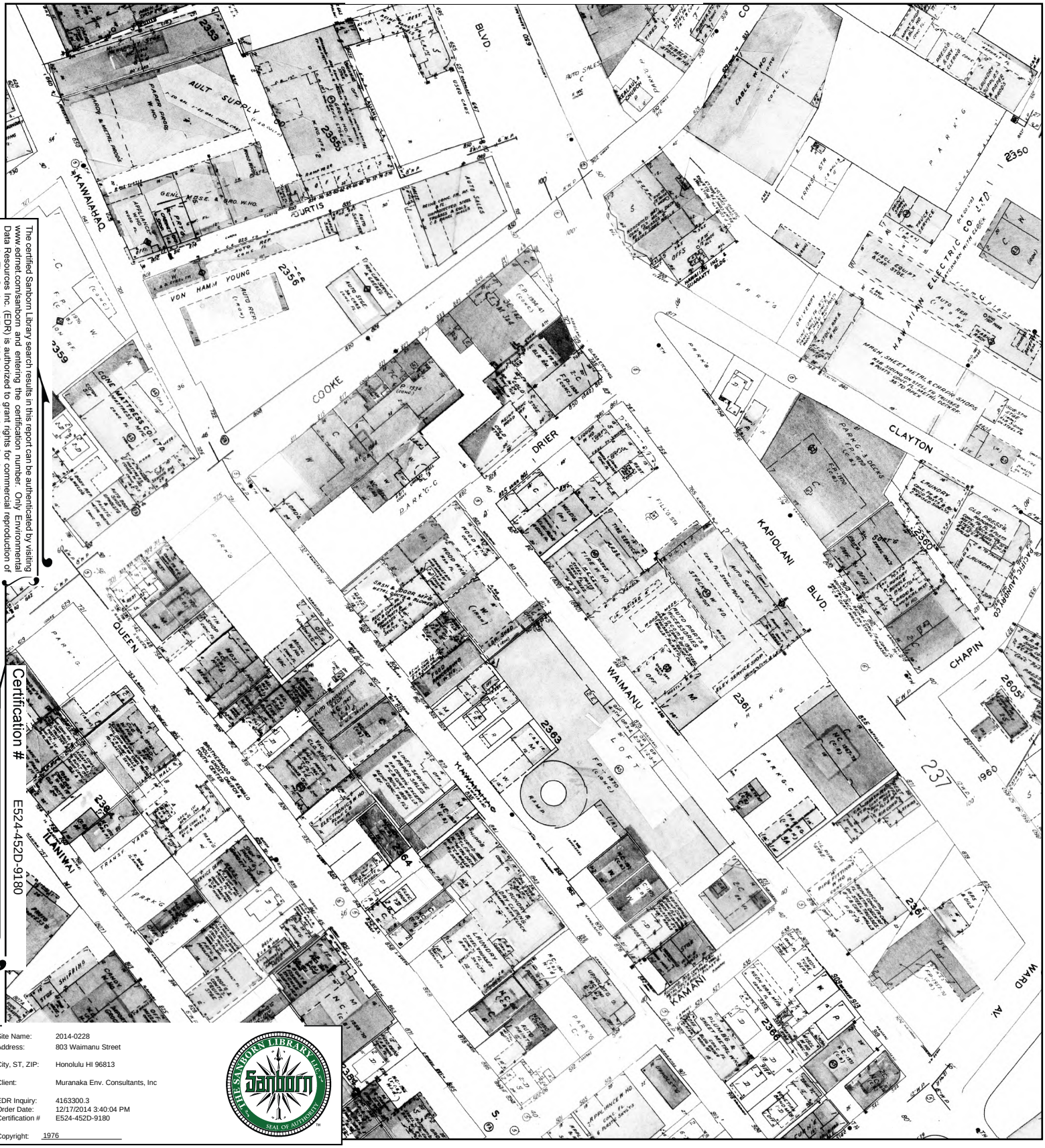
N

1976 Certified Sanborn Map



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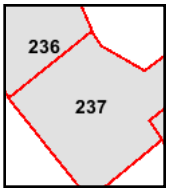

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1975 Certified Sanborn Map

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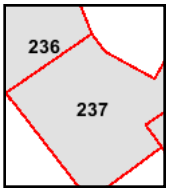

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1962 Certified Sanborn Map

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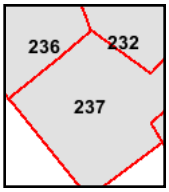

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1956 Certified Sanborn Map

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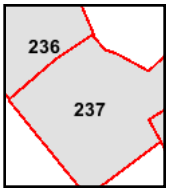

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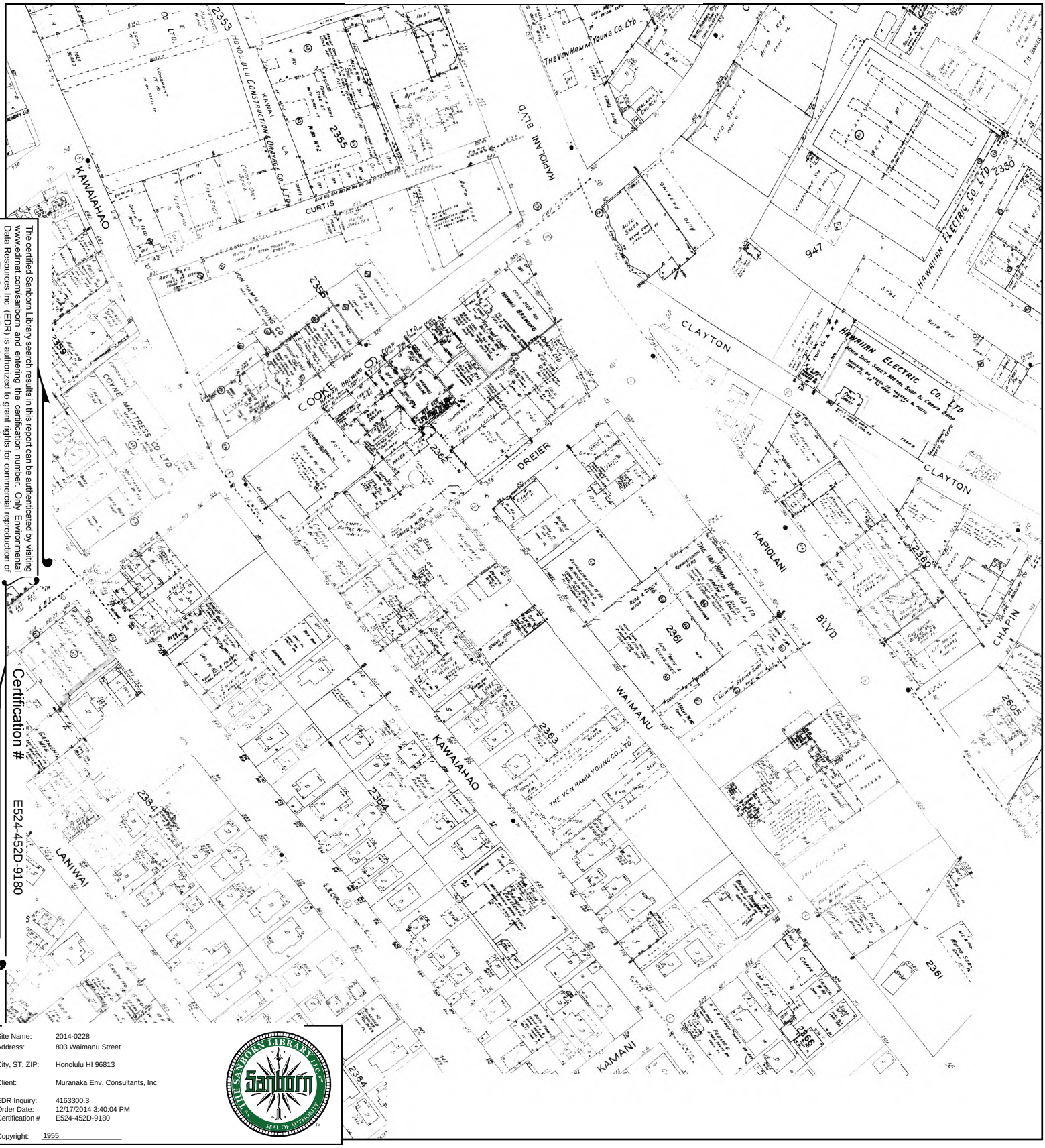
N

1955 Certified Sanborn Map



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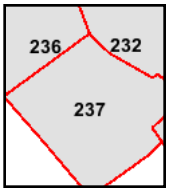

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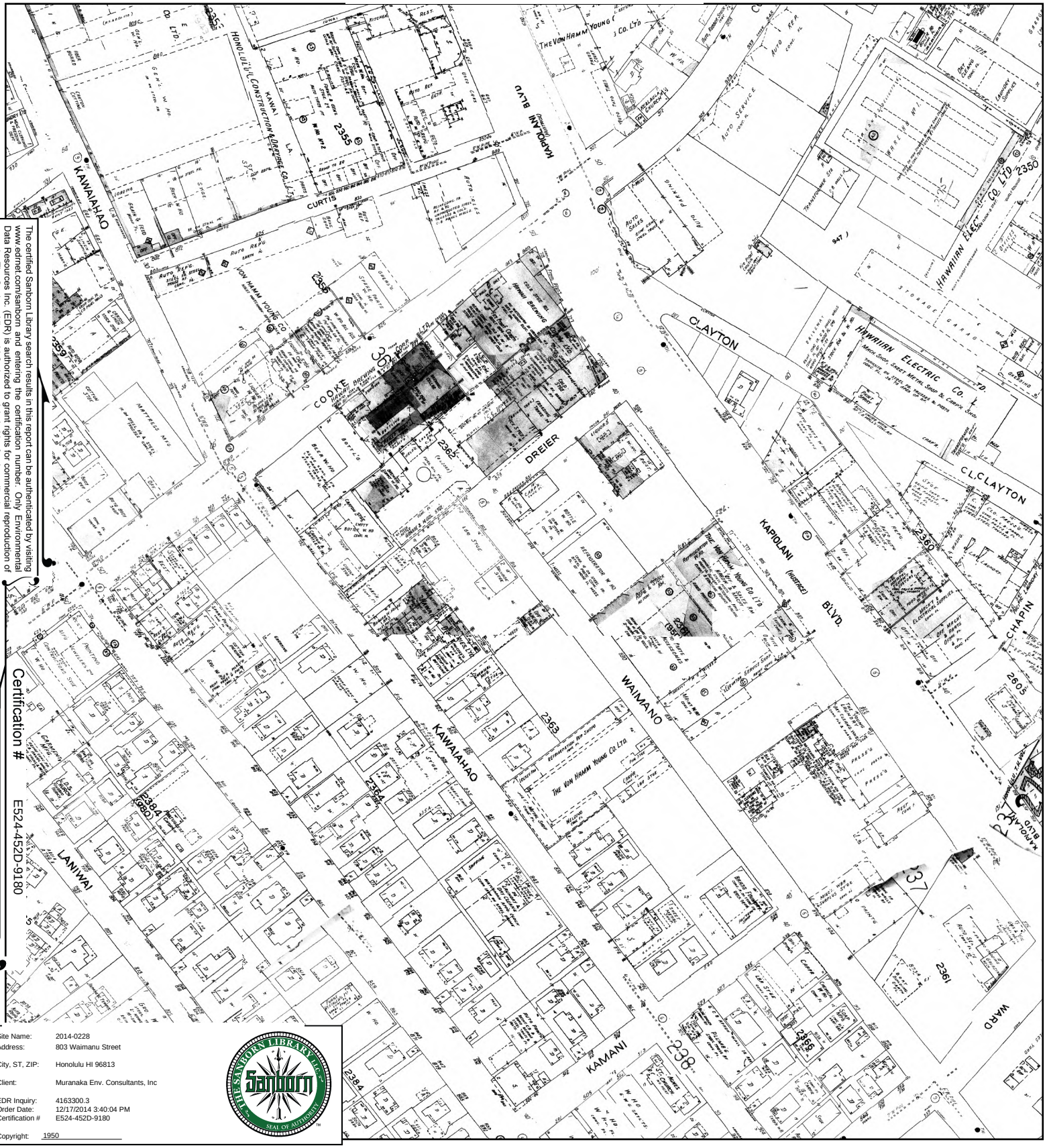
1950 Certified Sanborn Map



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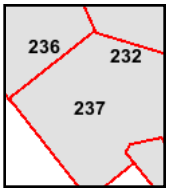

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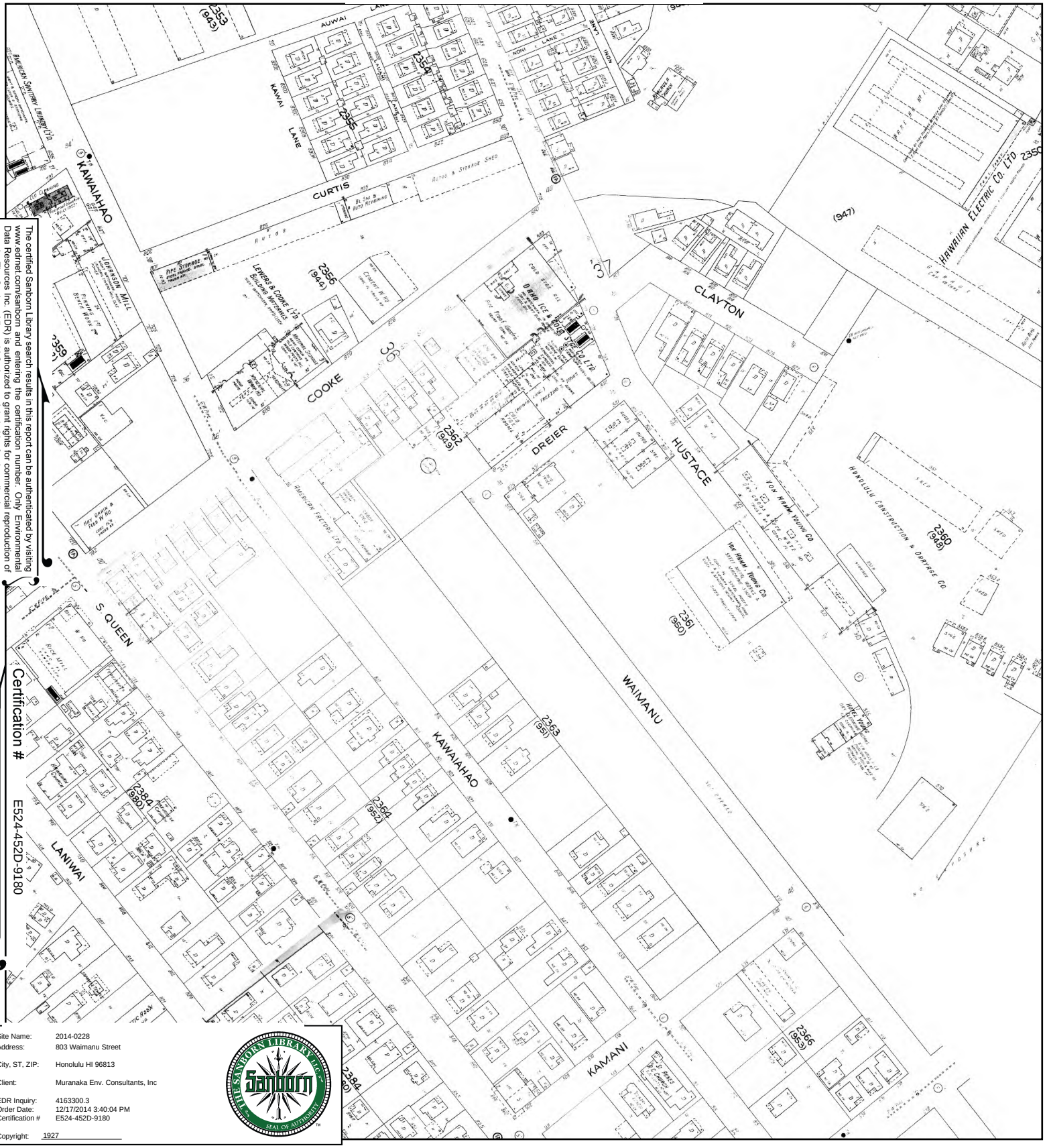
N

1927 Certified Sanborn Map



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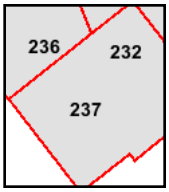

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Volume 2, Sheet 237

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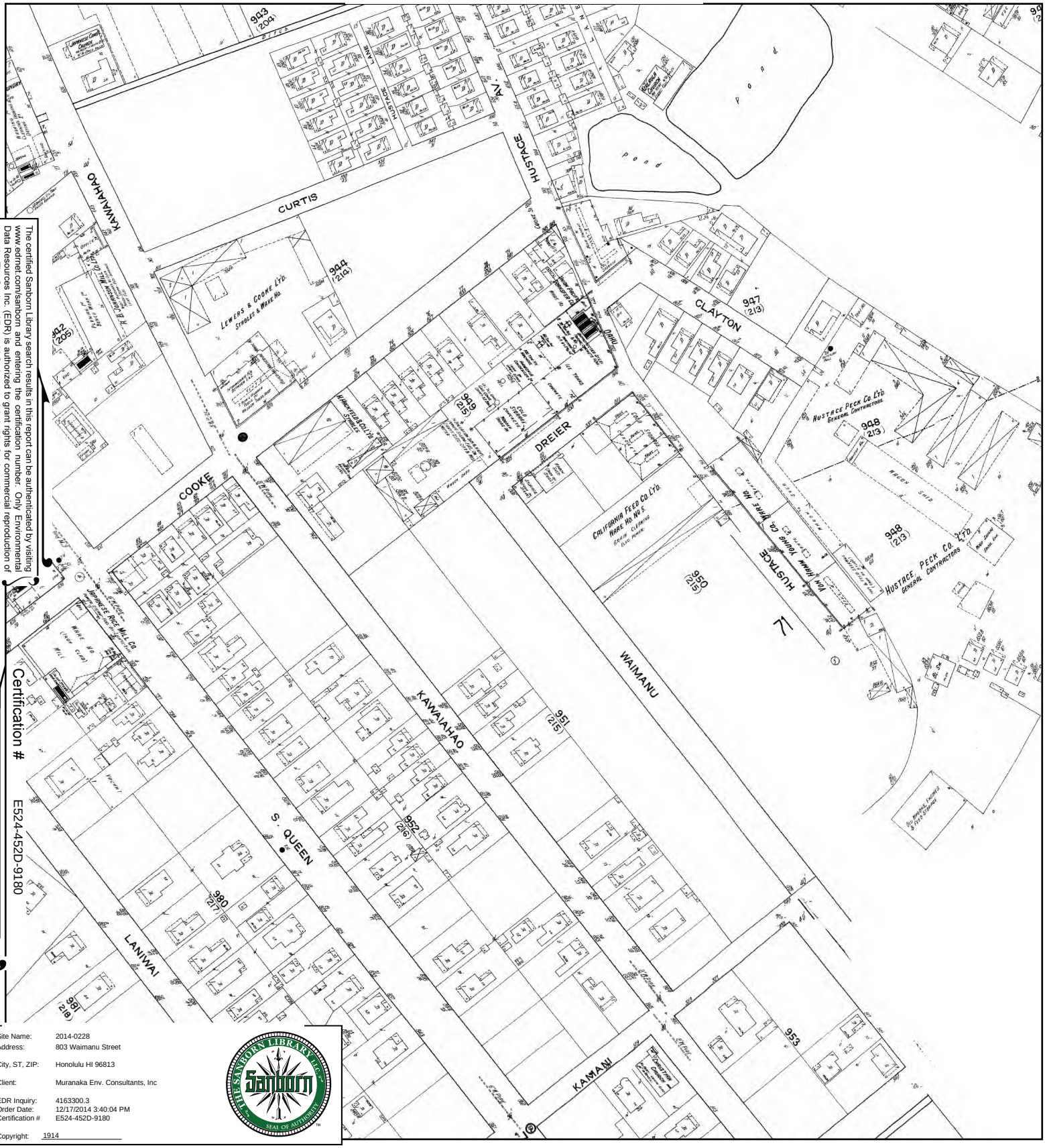
1914 Certified Sanborn Map



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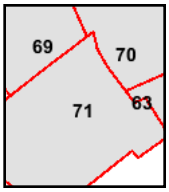

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Honolulu, HI 96813

Inquiry Number: 4163300.6
December 17, 2014

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Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

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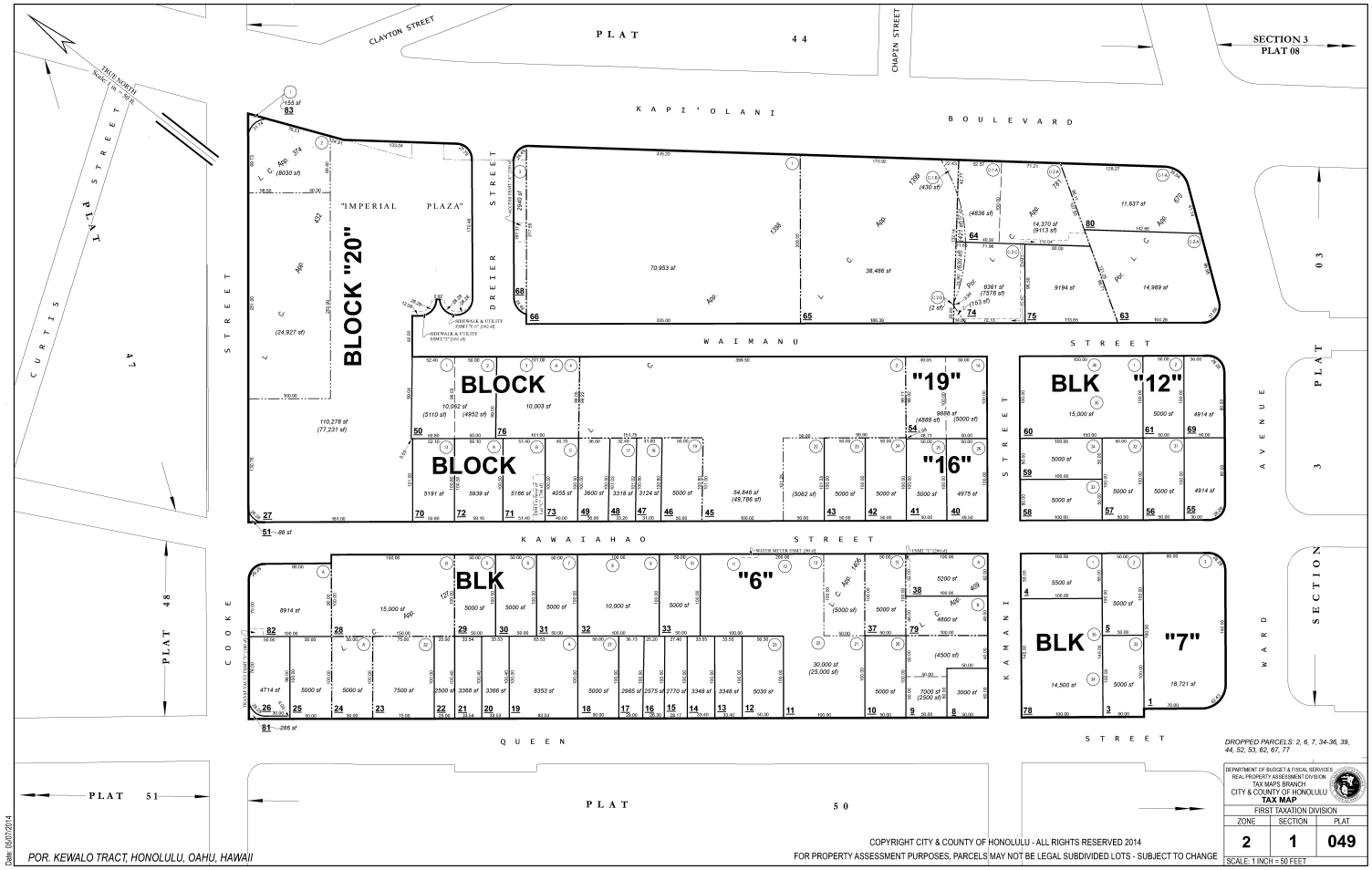
CLAYTON STREET
PLAT 44
CHAPIN STREET
SECTION 3
PLAT 08
TRUE NORTH
SCALE: 1 in. = 50 ft.
K A P I ' O L A N I
B O U L E V A R D
CURTIS STREET
PLAT 47
STREET
"IMPERIAL PLAZA"
BLOCK "20"
DREIER STREET
W A I M A N U
STREET
BLOCK
"19"
BLOCK
"16"
BLK
"12"
K A W A I A H A O
STREET
AVENUE
PLAT 03
PLAT 48
COOKE
BLK
"6"
KAMANI
BLK
"7"
WARD
SECTION 3
Q U E E N
STREET
PLAT 51
PLAT 50
DROPPED PARCELS: 2, 6, 7, 34-36, 39, 44, 52, 53, 62, 67, 77
DEPARTMENT OF BUDGET & FISCAL SERVICES
REAL PROPERTY ASSESSMENT DIVISION
TAX MAPS BRANCH
CITY & COUNTY OF HONOLULU
TAX MAP
FIRST TAXATION DIVISION
ZONE 2
SECTION 1
PLAT 049
SCALE: 1 INCH = 50 FEET
Date: 05/07/2014
POR. KEWALO TRACT, HONOLULU, OAHU, HAWAII
COPYRIGHT CITY & COUNTY OF HONOLULU - ALL RIGHTS RESERVED 2014
FOR PROPERTY ASSESSMENT PURPOSES, PARCELS MAY NOT BE LEGAL SUBDIVIDED LOTS - SUBJECT TO CHANGE

2014-0228
803 Waimanu Street
Honolulu, HI 96813

Inquiry Number: 4163300.7
December 17, 2014

EDR Environmental Lien and AUL Search

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

The EDR Environmental LienSearch™ Report

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

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

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

803 Waimanu Street
2014-0228
Honolulu, HI 96813

RESEARCH SOURCE

Source 1:

Bureau of Conveyances
Honolulu, HI

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Warranty Deed
Title is vested in:	ACTION DEVELOPMENT LLC
Title received from:	CHING FAMILY ENTERPRISES LIMITED PARTNERSHIP
Deed Dated	7/23/2007
Deed Recorded:	7/23/2007
Book:	NA
Page:	NA
Volume:	NA
Instrument:	2007-130538
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	ACTION DEVELOPMENT LLC
Parcel # / Property Identifier:	210490500000
Comments:	See Exhibit

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

Deed Exhibit 1

VS

R-290 STATE OF HAWAII
BUREAU OF CONVEYANCES
RECORDED
JUL 23, 2007 08:01 AM
Doc No(s) 2007-130538

/s/ CARL T. WATANABE
REGISTRAR OF CONVEYANCES

20 1/3 Z8

CTax (30): $11700.00

LAND COURT REGULAR SYSTEM

After recordation, return by mail ( ) pickup ( ) to:

MS FRANCINE SUMMERS
ACTION DEVELOPMENT, LLC
863 HALEKAUWILA ST
HONOLULU, HI 96813

TG: 200725070 —S
TGE: A7-101-4778
Ann Ogino

R/S (1)

Number of pages 10

WARRANTY DEED

Grantor: CHING FAMILY ENTERPRISES LIMITED PARTNERSHIP, a Hawaii limited partnership

Grantee: ACTION DEVELOPMENT, LLC, a Hawaii limited liability company

Property: 803 Waimanu Street
764 and 802 Kawaiahao Street
Honolulu, HI 96813
TMK No. (1) 2-1-049-050
TMK No. (1) 2-1-049-070 and
TMK No. (1) 2-1-049-072

Document No. 99-171619

THIS WARRANTY DEED made this 23 day of July, 2007, by and between CHING FAMILY ENTERPRISES LIMITED PARTNERSHIP, a Hawaii limited partnership, hereinafter called "Grantor," and ACTION DEVELOPMENT, LLC, a Hawaii limited liability company, the principal place of business and post office address of which is 863 Halekauwila Street, Honolulu, Hawaii 96813, hereinafter called "Grantee,"

W I T N E S S E T H:

That for TEN DOLLARS and other valuable consideration paid by Grantee, the receipt of which is hereby acknowledged, Grantor does hereby grant, bargain, sell and convey unto Grantee, as Tenant in Severalty, its successors and permitted assigns, in fee simple:

All of that certain real property described in Exhibit "A," attached hereto and made a part hereof.

And the reversions, remainders, rents, issues and profits thereof and all of the estate, right, title, and interest of Grantor, both at law and in equity, therein and thereto;

TO HAVE AND TO HOLD the same, together with all buildings, improvements, rights, easements, privileges and appurtenances thereon and thereunto belonging or appertaining or held and enjoyed therewith, unto Grantee according to the tenancy herein set forth, forever.

AND, in consideration of the premises, GRANTOR does hereby covenant with Grantee that Grantor is seized of the property herein described in fee simple; that said property is free and clear of and from all liens and encumbrances, except for the lien of real property taxes not yet by law required to be paid; and except as may be specifically set forth herein; that Grantor has good right to sell and convey said property, as aforesaid; and, that Grantor will WARRANT AND DEFEND the same unto Grantee against the lawful claims and demands of all persons, except as aforesaid.

Grantee acknowledges that it is acquiring the premises in an "As Is" state and condition, without representation or warranty, by Grantor, either expressed or implied, as to condition, fitness for intended use, fitness for any purposes whatsoever, merchantability, habitability, or compliance with any zoning, health rules or regulations, the terms and conditions of that certain "AS IS" Addendum reference dated May 22, 2007, being hereby incorporated herein by reference.

The conveyance herein set forth and the warranties of Grantor concerning the same are expressly declared to be in favor of Grantee, its successors and permitted assigns.

The terms "Grantor" and "Grantee" as and when used herein, or any pronouns used in place thereof, shall mean and include the masculine, feminine or neuter, the singular or plural number, individuals, partnerships, trustees or corporations and their and each of their respective successors, heirs, personal representatives, successors in trust and assigns, according to the context thereof. All covenants and obligations undertaken by two or more persons shall be deemed to be joint and several unless a contrary intention is clearly expressed elsewhere herein.

The parties hereto agree that this instrument may be executed in counterparts, each of which shall be deemed an original, and said counterparts shall together constitute one and the

same instrument, binding all of the parties hereto, notwithstanding all of the parties are not signatory to the original or the same counterparts. For all purposes, including, without limitation, recordation, filing and delivery of this document, duplicate unexecuted and unacknowledged pages of the counterparts may be discarded and the remaining pages assembled as one document.

IN WITNESS WHEREOF, Grantor and Grantee hereto have executed these presents on the day and year first above written.

CHING FAMILY ENTERPRISES LIMITED PARTNERSHIP, a Hawaii limited partnership

By: Ching Family Investments, LLC, a Hawaii limited liability company
Its General Partner

Peggy B.Q. Ching, Its Manager

By Andrew B.S. Ching
Its Manager

"Grantor"

ACTION DEVELOPMENT, LLC, a Hawaii limited liability company

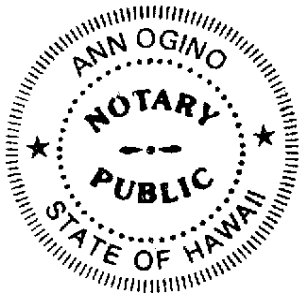
By _____
Francine Summers
Its Manager

By _____
Byron Ho
Its Manager

"Grantee"

STATE OF HAWAII)
) SS.
CITY AND COUNTY OF HONOLULU)

On this ____ day of JUL 1 9 2007, 2007, before me personally appeared Percy B.S. Ching & Andrew B.S. Ching, to me personally known, who, being by me duly sworn or affirmed, did say that such person(s) executed the foregoing instrument as the free act and deed of such person(s), and if applicable in the capacity shown, having been duly authorized to execute such instrument in such capacity.



Ann Ogino
Expiration Date: July 30, 2008

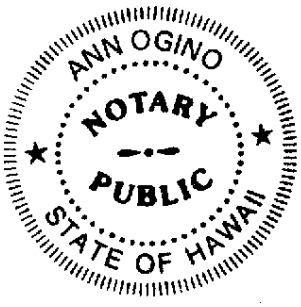
Notary Public, State of Hawaii

My commission expires:_____

F:\Misc. Conveyances\Warranty Deed-Ching to Action Development_07.17.07.wpd

STATE OF HAWAII)
) SS.
CITY AND COUNTY OF HONOLULU)

On this ____ day of JUL 1 8 2007, 2007, before me personally appeared FRANCINE SUMMERS, to me personally known, who, being by me duly sworn or affirmed, did say that such person(s) executed the foregoing instrument as the free act and deed of such person(s), and if applicable in the capacity shown, having been duly authorized to execute such instrument in such capacity.



Ann Ogino
Expiration Date: July 30, 2008

Notary Public, State of Hawaii

My commission expires:_____

STATE OF HAWAII)
) SS.
CITY AND COUNTY OF HONOLULU)

On this ____ day of JUL 1 8 2007, 2007, before me personally appeared BYRON HO, to me personally known, who, being by me duly sworn or affirmed, did say that such person(s) executed the foregoing instrument as the free act and deed of such person(s), and if applicable in the capacity shown, having been duly authorized to execute such instrument in such capacity.

Ann Ogino
Expiration Date: July 30, 2008

Notary Public, State of Hawaii

My commission expires:_____

F:\Misc. Conveyances\Warranty Deed-Ching to Action Development_07.17.07.wpd

EXHIBIT "A"

-ITEM I:-

-PARCEL FIRST:-

All of that certain parcel of land (being portion(s) of the land(s) described in and covered by Royal Patent Number 5716, Land Commission Award Number 10605, Apana 7 to Piikoi) situate, lying and being on the southwesterly side of Waimanu Street at Drier Street, Kewalo, Honolulu, City and County of Honolulu, State of Hawaii, being a PORTION OF LOT NUMBER 1, in BLOCK NUMBER 19, of the tract of land known as the said "CYCLOMERE TRACT", being a portion of the "Kewalo Tract", as shown on the Map thereof, recorded in the Bureau of Conveyances of the State of Hawaii in Liber 205, Page 117, and thus bounded and described:

Beginning at a pipe at the north corner of this piece of land and on the southwesterly side of Waimanu Street, the coordinates of said point of beginning referred to a City and County Survey Street Monument at Kawaiahao and Kamani Streets being 697.58 feet north and 280.59 feet west, and running by true azimuths measured clockwise from South:

1.	321°	52'		52.40	feet along the southwesterly side of Waimanu Street to a pipe;
2.	52°	41'		99.05	feet to a pipe:
3.	141°	52'		50.80	feet along Lot 13, Block 16, to the Kewalo Tract to a pipe;
4.	231°	45'	30"	99.04	feet to the point of beginning and containing an area of 5,110 square feet, more or less.

-PARCEL SECOND:-

All of that certain parcel of land (being portion(s) of the land(s) described in and covered by Royal Patent Number 5716, Land Commission Award Number 10605, Apana 7 to Piikoi) situate, lying and being on the southwesterly side of Waimanu Street between Drier and Kamani Streets, Kewalo, Honolulu, City and County of Honolulu, State of Hawaii, being PORTIONS OF LOT NUMBERS 1 and 2, in BLOCK NUMBER 19, of "CYCLOMERE TRACT" as shown on the Map thereof, recorded as aforesaid, and thus bounded and described:

Beginning at a pipe at the east corner of this piece of land and on the southwesterly side of Waimanu Street, the coordinates of said point of beginning referred to a City and County Survey Street Monument at Kawaiahao and Kamani Streets being 617.03 feet north and 217.36 feet west, and running by true azimuths measured clockwise from South:

1.	52°	41'	99.05	feet to a pipe;

2.	141°	52'	50.00	feet along Lots 14 and 13, Block 16 of the Kewalo Tract to a pipe;
3.	232°	41'	99.05	feet to a pipe;
4.	321°	52'	50.00	feet along the southwesterly side of Waimanu Street to the point of beginning and containing an area of 4,952 square feet, more or less.

Together with a right-of-way across and along a 3-foot strip of land along thru Lot 13, Block 16, Kewalo Tract, running to Kawaiahao Street for the purpose of sewerage by means of pipes and in connection therewith the right of ingress and egress along said strip of land at reasonable times for the purpose of laying and maintaining such sewer pipes, and it is agreed by and between the parties hereto that the owners of Lots 13 and 14, Block 16 of said Kewalo Tract as well as the owners of Lots 1 and 2 of Cyclomere Tract shall at all and any time have the right to hook up and connect with the sewer line along said right-of-way; and subject to the terms and provisions, including the failure to comply with any covenants, conditions and reservations, contained therein.

-ITEM II:-

All of that certain parcel of land (being portion(s) of the land(s) described in and covered by Royal Patent Number 5716, Land Commission Award Number 10605, Apana 7 to Kamakee Piikoi) situate, lying and being on the northeast side of Kawaiahao Street, between Cooke and Kamani Streets, Honolulu, City and County of Honolulu, State of Hawaii, and known as LOT 13, in BLOCK 16 of the "KEWALO TRACT", and thus bounded and described:

Beginning at the west corner of this lot, the south corner of Lot 12 of Block 16 of the Kewalo Tract and on the northeasterly side of Kawaiahao Street, the azimuth and distance from the northeast intersection of Kawaiahao and Cooke Streets being 321° 52' 201.00 feet, and running by true azimuths measured clockwise from South:

1.	232°	06'	101.00	feet along Lot 12 of Block 16 of the Kewalo Tract;
2.	322°	07'	52.10	feet along Lot 1 of Block 19 of the Cyclomere Tract;
3.	52°	50'	100.80	feet along Lot 14 of Block 16 of the Kewalo Tract to the northeasterly side of Kawaiahao Street;
4.	141°	52'	50.80	feet along the northeasterly side of Kawaiahao Street to the point of beginning and containing an area of 5,191 square feet, more or less.

-AS TO ITEM III:-

All of that certain parcel of land (being portion(s) of the land(s) described in and covered by Royal Patent Number 5716, Land Commission Award Number 10605, Apana 7 to Kamakee Piikoi) situate, lying and being on the northeast side of Kawaiahao Street, between Cooke and Kamani Streets, Kewalo, Honolulu, City and County of Honolulu, State of Hawaii, being PARCEL "A", COMPRISING ALL OF LOT NUMBER 14 and a PORTION OF LOT NUMBER 15, in BLOCK 16, of the tract of land known as the "KEWALO TRACT", as shown on the Map thereof, recorded in the Bureau of Conveyances of the State of Hawaii in Liber 162, Page 227, and thus bounded and described as per survey of Suematsu Takemoto, Surveyor, dated June 4, 1949, to-wit:

Beginning at a pipe at the westerly corner of this parcel of land on the northerly side of Kawaiahao Street, the coordinates of said point of beginning referred to Government Survey Triangulation Station "PUNCHBOWL" being 4,271.68 feet south, and 2,242.71 feet west and running by true azimuths measured clockwise from South:

1.	231°	52'	100.50	feet along Lot 13 of Block 16 of Kewalo Tract;
2.	321°	52'	59.10	feet along Lots 2 and 3 of Block 19 of Kewalo Tract;
3.	51°	52'	100.50	feet to a pipe;
4.	141°	52'	59.10	feet along the northeasterly side of Kawaiahao Street to the point of beginning and containing an area of 5,939 square feet, more or less.

BEING THE PREMISES ACQUIRED BY DEED

GRANTOR : PERCY B. Q. CHING, husband of Eleanor A. Ching, ANDREW B. S. CHING, husband of Mei Jean W. Ching, PEGGY C. LAI, unmarried, and GLADYS Y. H. ALOIAU, wife of Harold W. Aloiau

GRANTEE : CHING FAMILY ENTERPRISES LIMITED PARTNERSHIP, a Hawaii limited partnership

DATED : October 15, 1999
RECORDED : Document No. 99-171619

SUBJECT, HOWEVER, TO THE FOLLOWING:

1. Reservation in favor of the State of Hawaii of all mineral and metallic mines.

2. -AS TO ITEMS I and III:-

(A) The terms and provisions contained in the following:

INSTRUMENT	:	AGREEMENT CONCERNING ENCROACHMENT
DATED	:	May 11, 1995
RECORDED	:	Document No. 95-064775
PARTIES	:	WALTON KENN TSUNG SHIM, husband of Sandra Jane Yee Shim; PERCY B. Q. CHING, ANDREW B. S. CHING, PEGGY C. LAI and GLADYS Y. H. ALOIAU, as Trustees under that certain unrecorded Irrevocable Trust Agreement dated October 4, 1985

(B) Agreement contained in Deed dated October 15, 1999, recorded as Document 99-171619, regarding the right to hook up and connect with the sewer line along a right-of-way across and along a 3-foot strip of land along thru Lot 13, Block 16, Kewalo Tract, running to Kawaiahao Street for the purpose of sewerage.

3. -AS TO ITEM II:-

The terms and provisions contained in the following:

INSTRUMENT	:	DEED
DATED	:	October 15, 1999
RECORDED	:	Document No. 99-171619

RE: 3-foot strip of land for the purpose of sewerage in favor of TMK (1)2-1-049-050 and the agreement and right for other hook ups and connection to the sewer line along said right of way.

4. Any unrecorded leases and matters arising from or affecting the same.

5. Encroachments and other matters as shown on survey map prepared by Wayne M. Teruya, Land Surveyor, with ParEn, Inc., dba Park Engineering, dated June 28, 2006.

-NOTE:- Legal descriptions of the lands described herein are incongruent to each other with the exception of Item I, Parcel First and Parcel Second.

End of Exhibit "A"

2014-0228
803 Waimanu Street
Honolulu, HI 96813

Inquiry Number: 4163300.4
December 17, 2014

EDR Historical Topographic Map Report

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
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. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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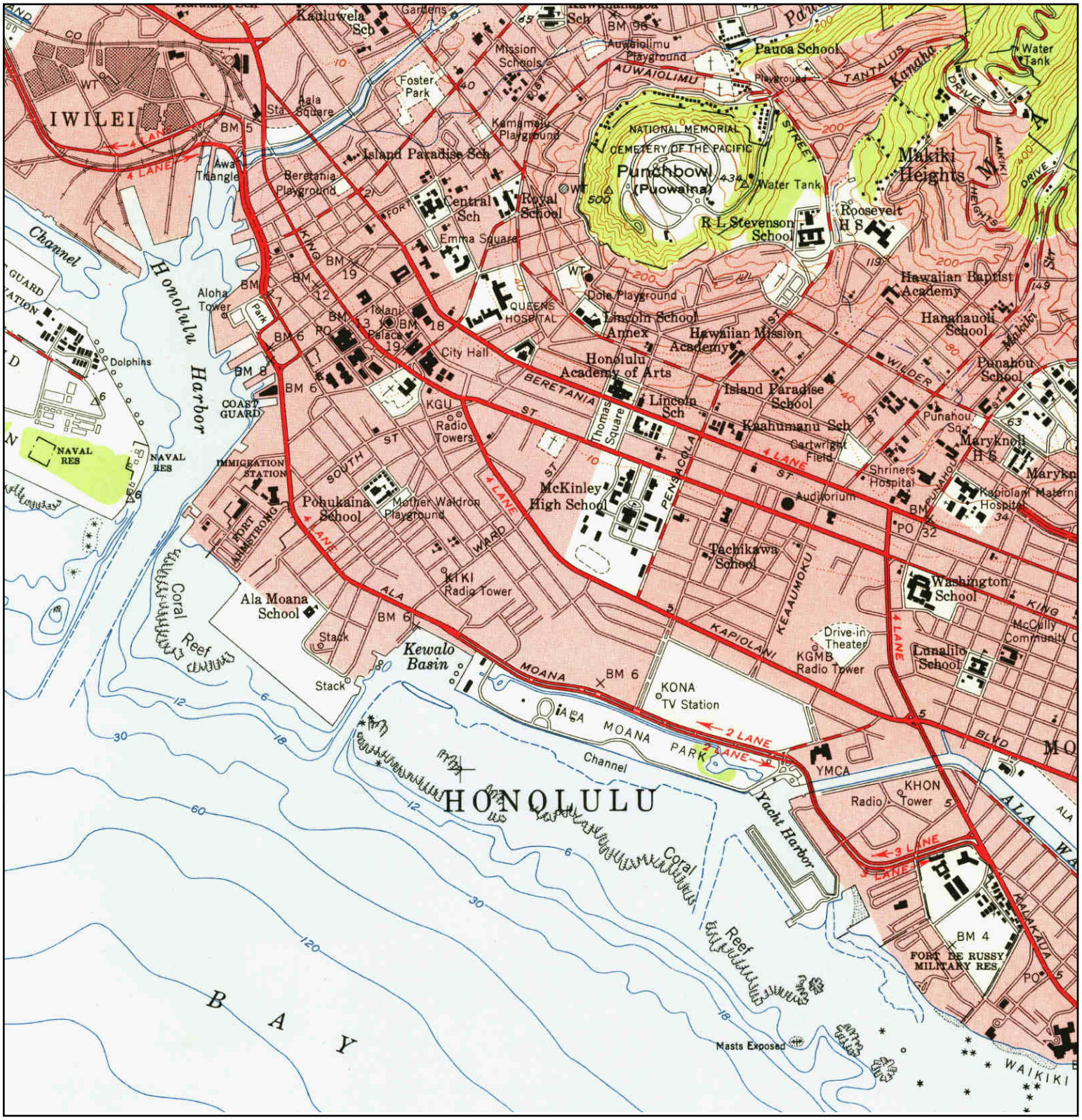
Historical Topographic Map

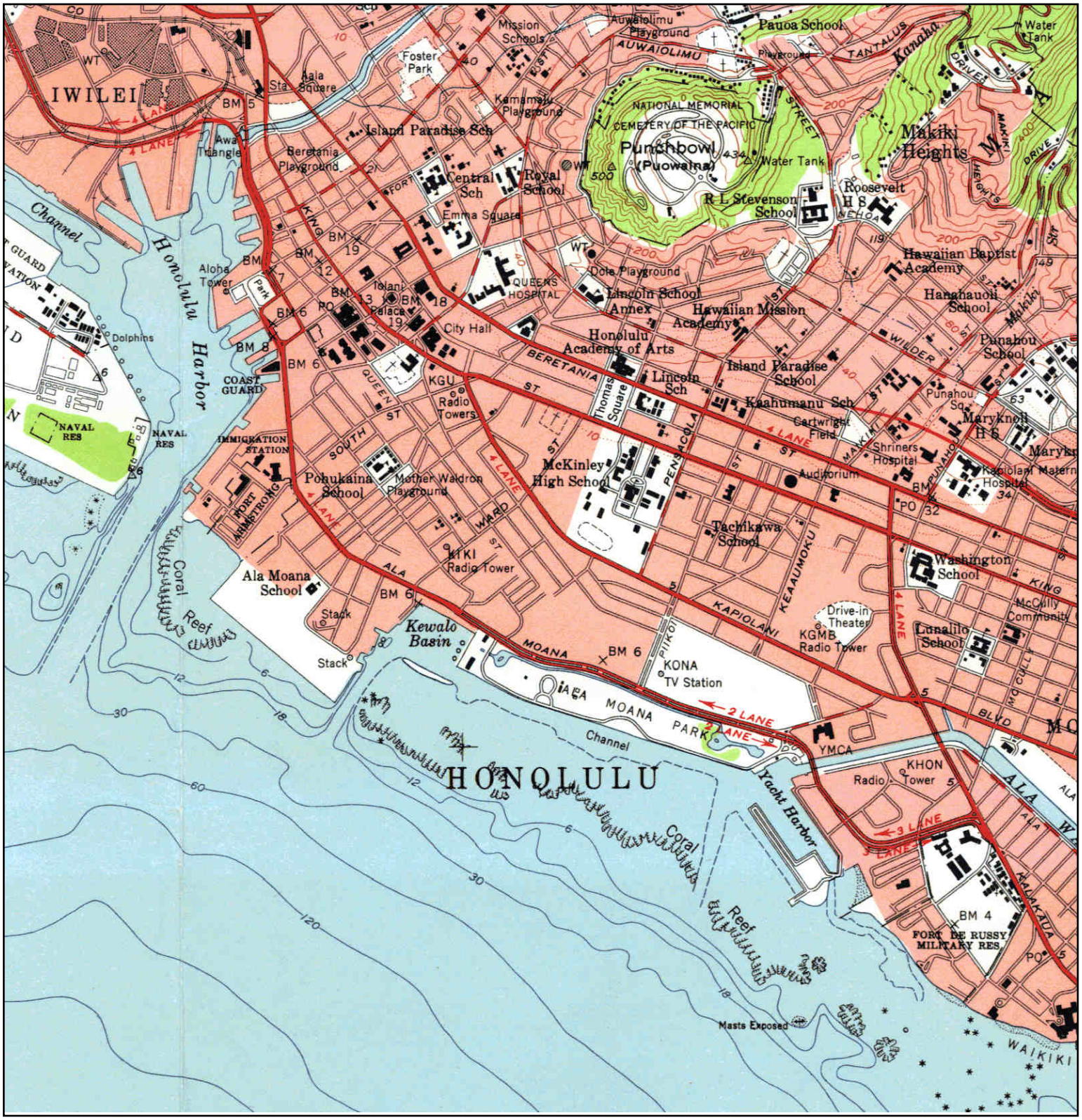
N	TARGET QUAD NAME: HONOLULU MAP YEAR: 1928 SERIES: 7.5 SCALE: 1:20000	SITE NAME: 2014-0228 ADDRESS: 803 Waimanu Street Honolulu, HI 96813 LAT/LONG: 21.3003 / -157.8548	CLIENT: Muranaka Env. Consultants, Inc CONTACT: Maureen Logan INQUIRY#: 4163300.4 RESEARCH DATE: 12/17/2014

Historical Topographic Map



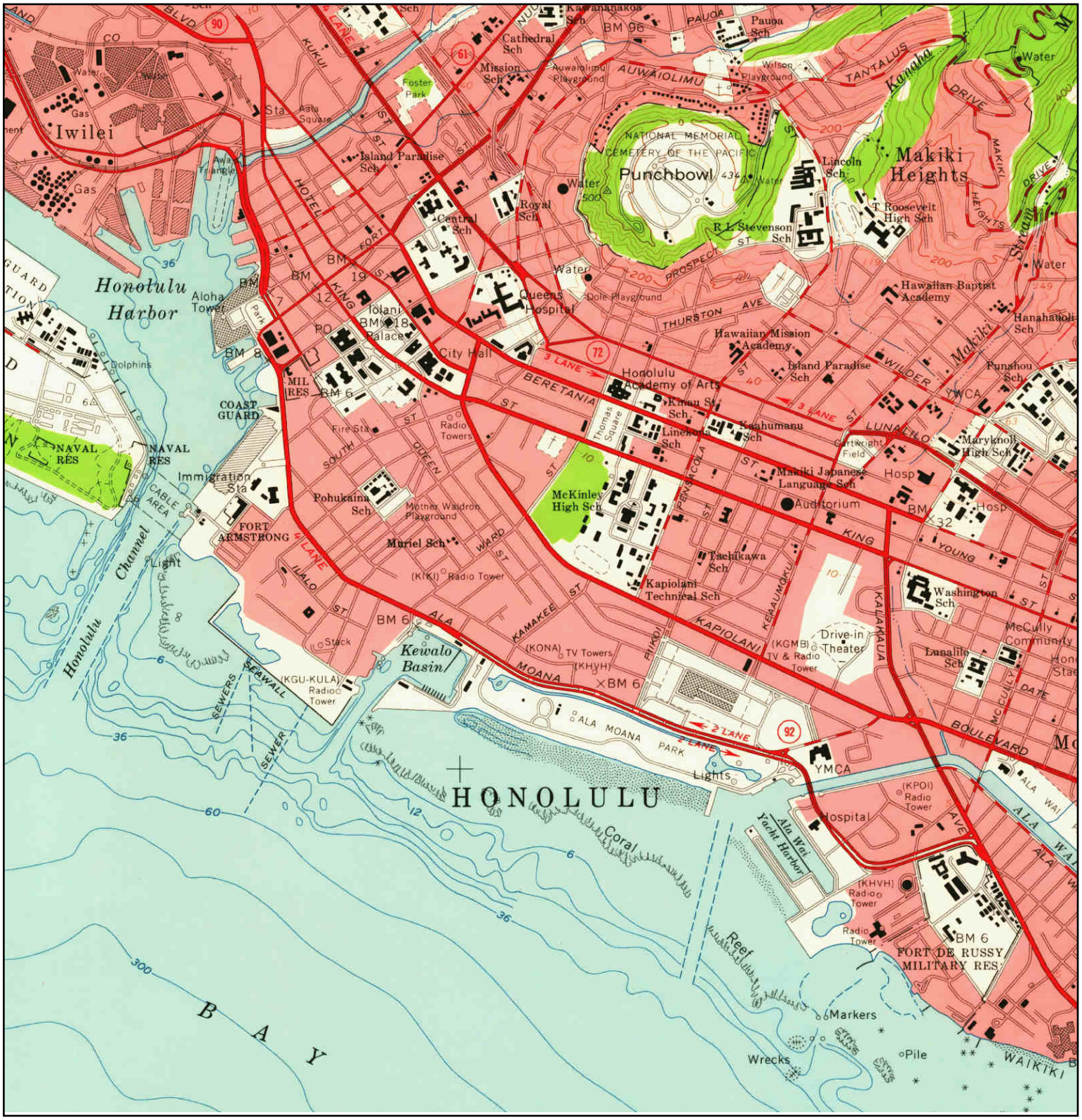
N	TARGET QUAD NAME: HONOLULU MAP YEAR: 1953 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 2014-0228 ADDRESS: 803 Waimanu Street Honolulu, HI 96813 LAT/LONG: 21.3003 / -157.8548	CLIENT: Muranaka Env. Consultants, Inc CONTACT: Maureen Logan INQUIRY#: 4163300.4 RESEARCH DATE: 12/17/2014

Historical Topographic Map



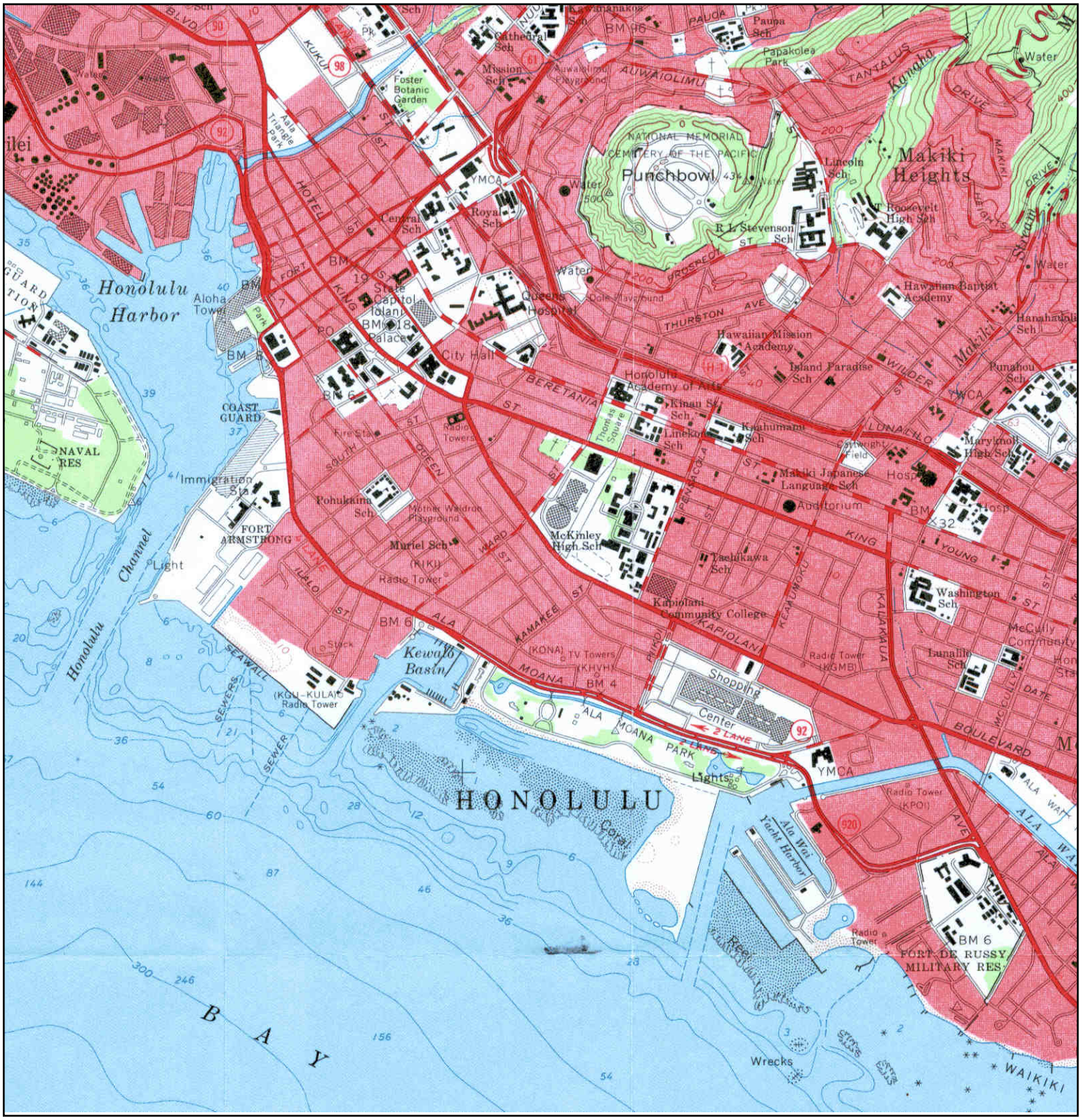
N	TARGET QUAD NAME: HONOLULU VICINITY SOUTH MAP YEAR: 1954 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 2014-0228 ADDRESS: 803 Waimanu Street Honolulu, HI 96813 LAT/LONG: 21.3003 / -157.8548	CLIENT: Muranaka Env. Consultants, Inc CONTACT: Maureen Logan INQUIRY#: 4163300.4 RESEARCH DATE: 12/17/2014

Historical Topographic Map



N	TARGET QUAD NAME: HONOLULU MAP YEAR: 1959 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 2014-0228 ADDRESS: 803 Waimanu Street Honolulu, HI 96813 LAT/LONG: 21.3003 / -157.8548	CLIENT: Muranaka Env. Consultants, Inc CONTACT: Maureen Logan INQUIRY#: 4163300.4 RESEARCH DATE: 12/17/2014

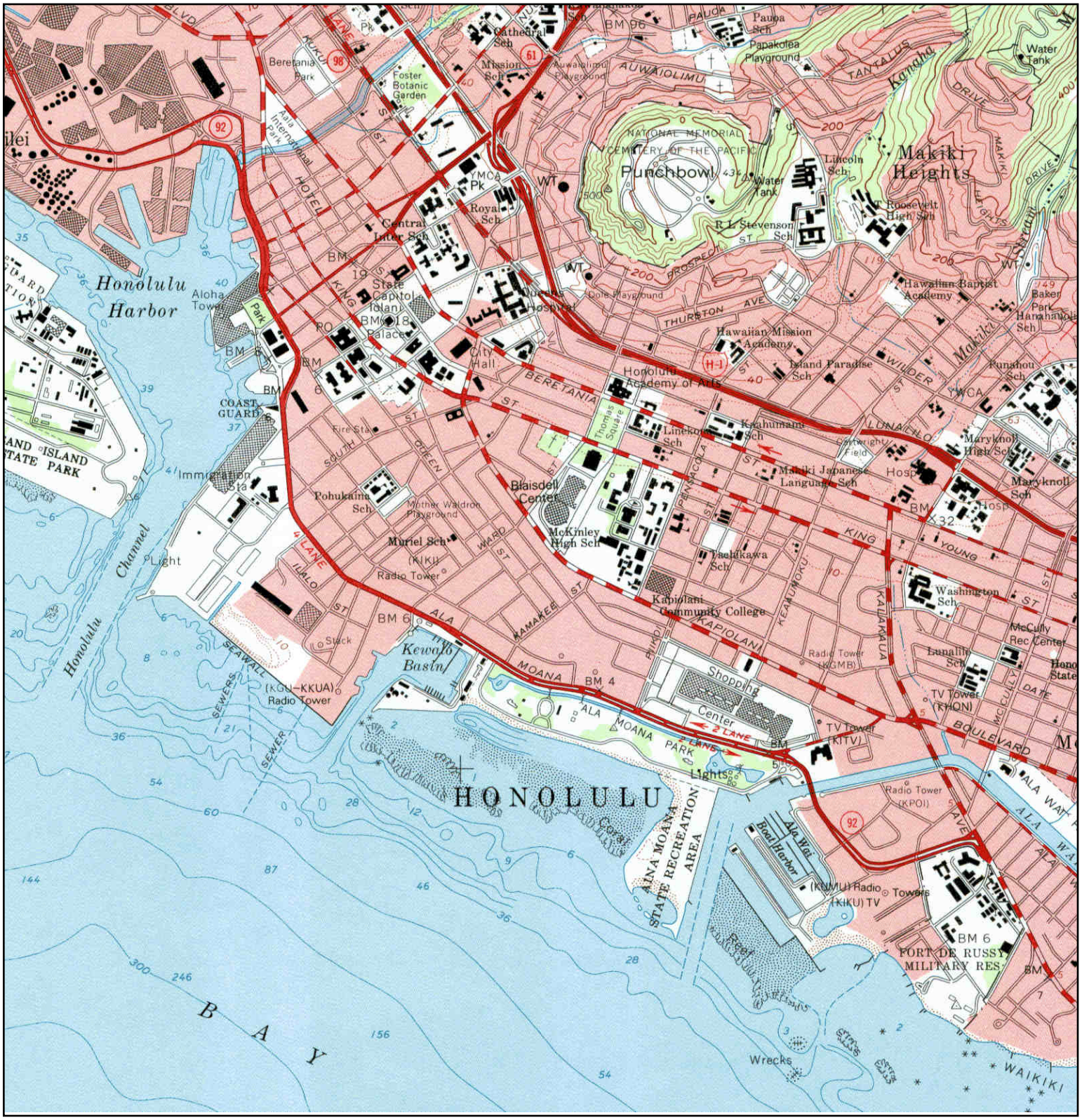
Historical Topographic Map


Honolulu Harbor
Punchbowl
NATIONAL MEMORIAL CEMETERY OF THE PACIFIC
Makiki Heights
Foster Botanic Garden
State Capitol
Iolani Palace
City Hall
Queens Hospital
Honolulu Academy of Arts
Hawaiian Mission Academy
Island Paradise Sch
Hawaiian Baptist Academy
Lincoln Sch
Roosevelt High Sch
R L Stevenson Sch
Central Sch
Royal Sch
YMCA
Aloha Tower
COAST GUARD
NAVAL RES
Immigration Sta
FORT ARMSTRONG
Light
Honolulu Channel
Kewalo Basin
Muriel Sch
Pohukaina Sch
McKinley High Sch
Kapiolani Community College
Shopping Center
Ala Moana Park
Lights
Ala Wai Yacht Harbor
Washington Sch
Lunalilo Sch
Maryknoll High Sch
Punahou Sch
Hanahauoli Sch
Makiki Japanese Language Sch
Auditorium
Tachikawa Sch
Kinau Sch
Kaahumanu Sch
Linekona Sch
Thomas Square
Daylight Field
Mother Waldron Playground
Radio Towers
Radio Tower (KGMB)
Radio Tower (KPOI)
Radio Tower (KOU-KULA)
TV Towers (KHVH)
Radio Tower
Stack
Foster Botanic Garden
Aala Triangle Park
Cathedral Sch
Mission Sch
Kawaiahao Playground
Papakolea Park
Paupa Sch
Water
HONOLULU
BAY
Wrecks
FORT DE RUSSY MILITARY RES
WAIKIKI
BOULEVARD
KALAKAUA AVE
KING
BERETANIA
KAPIOLANI
MOANA
ALA MOANA
SEAWALL
SEWER
HOTEL
FORT
KUKUI
ALAKEA
ALIWAIOLIMU
PAUOA
TANTALUS
DRIVE
THURSTON AVE
WILDER
LUNALILO
PENSACOLA
KEAUMOKU
KAMAKEE
ALA WAI
BM 6
BM 4
BM 32
BM 18
BM 19
BM 16
BM 6
BM 6
BM 6

Historical Topographic Map

N	TARGET QUAD NAME: OAHU MAP YEAR: 1970 REVISED FROM :1954 SERIES: 15 SCALE: 1:62500	SITE NAME: 2014-0228 ADDRESS: 803 Waimanu Street Honolulu, HI 96813 LAT/LONG: 21.3003 / -157.8548	CLIENT: Muranaka Env. Consultants, Inc CONTACT: Maureen Logan INQUIRY#: 4163300.4 RESEARCH DATE: 12/17/2014

Historical Topographic Map

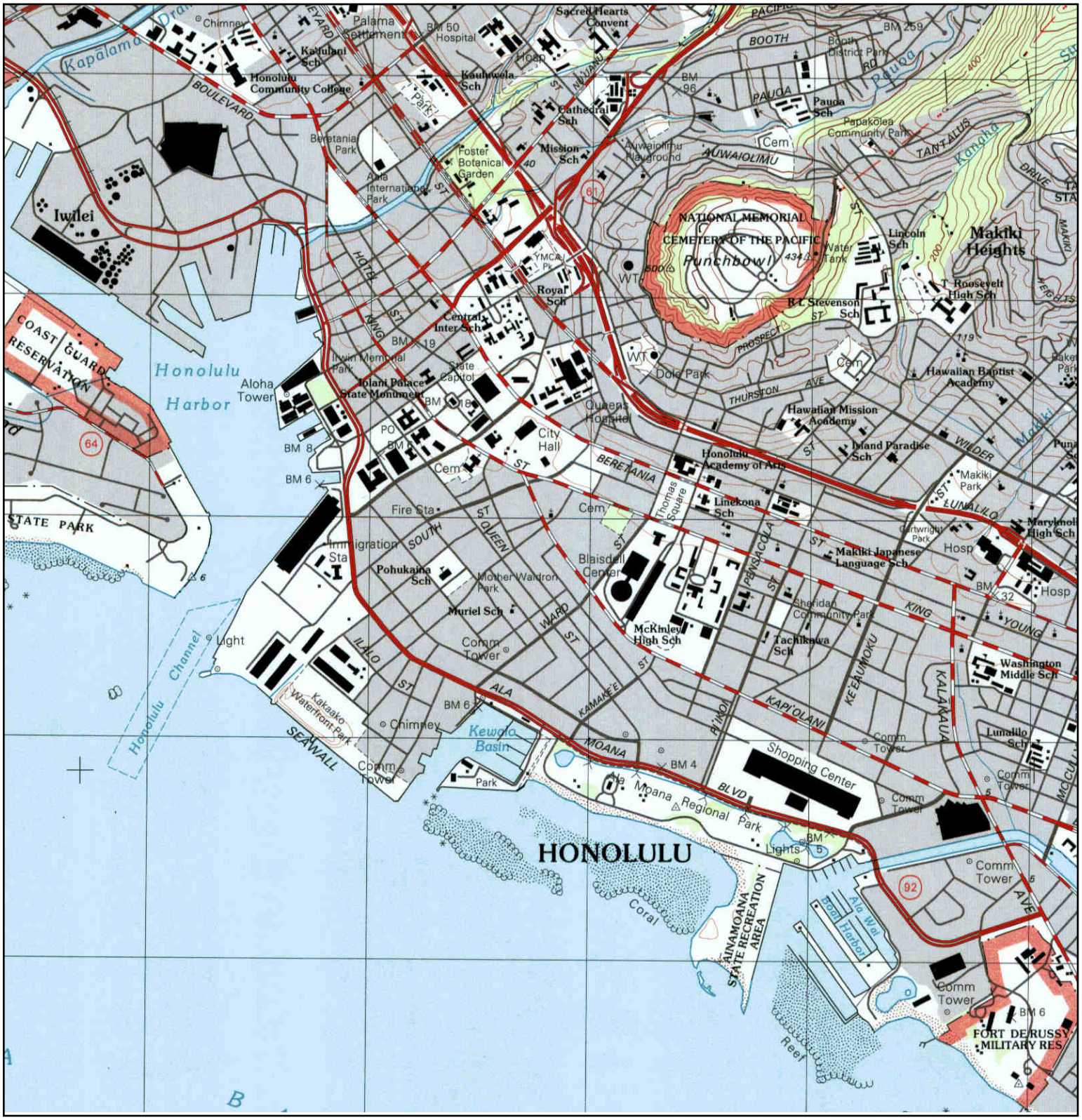


N	TARGET QUAD NAME: HONOLULU MAP YEAR: 1983 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 2014-0228 ADDRESS: 803 Waimanu Street Honolulu, HI 96813 LAT/LONG: 21.3003 / -157.8548	CLIENT: Muranaka Env. Consultants, Inc CONTACT: Maureen Logan INQUIRY#: 4163300.4 RESEARCH DATE: 12/17/2014

Historical Topographic Map

N	TARGET QUAD NAME: HONOLULU MAP YEAR: 1983 SERIES: 15 SCALE: 1:50000	SITE NAME: 2014-0228 ADDRESS: 803 Waimanu Street Honolulu, HI 96813 LAT/LONG: 21.3003 / -157.8548	CLIENT: Muranaka Env. Consultants, Inc CONTACT: Maureen Logan INQUIRY#: 4163300.4 RESEARCH DATE: 12/17/2014

Historical Topographic Map



N	TARGET QUAD NAME: HONOLULU MAP YEAR: 1998 SERIES: 7.5 SCALE: 1:24000	SITE NAME: 2014-0228 ADDRESS: 803 Waimanu Street Honolulu, HI 96813 LAT/LONG: 21.3003 / -157.8548	CLIENT: Muranaka Env. Consultants, Inc CONTACT: Maureen Logan INQUIRY#: 4163300.4 RESEARCH DATE: 12/17/2014

2014-0228
803 Waimanu Street
Honolulu, HI 96813

Inquiry Number: 4163300.5
December 18, 2014

The EDR-City Directory Image Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2013	☑	☑	Cole Information Services
2008	☑	☑	Cole Information Services
2003	☑	☑	Cole Information Services
1999	☑	☑	Cole Information Services
1995	☑	☑	Cole Information Services
1992	☑	☑	Cole Information Services

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FINDINGS

TARGET PROPERTY STREET

803 Waimanu Street
Honolulu, HI 96813

Year	***CD Image***	***Source***
WAIMANU ST		
2013	pg A1	Cole Information Services
2008	pg A3	Cole Information Services
2003	pg A5	Cole Information Services
1999	pg A7	Cole Information Services
1995	pg A9	Cole Information Services
1992	pg A12	Cole Information Services

FINDINGS

CROSS STREETS

Year	*CD Image*	*Source*

KAWAIAHAO ST

2013	pg. A2	Cole Information Services
2008	pg. A4	Cole Information Services
2003	pg. A6	Cole Information Services
1999	pg. A8	Cole Information Services
1995	pg. A11	Cole Information Services
1992	pg. A13	Cole Information Services

City Directory Images

Target Street	Cross Street	Source
✓	-	Cole Information Services

WAIMANU ST 2013

803	IMPERIAL AUTO REPAIR
	L & L TRANSMISSION & MOTOR REPAIR
830	BRANDON PRITCHARD
875	ADR PRODUCTIONS INC
	BLUE JEANS N BIKINIS
	C 2 F INC
	COMPUTER RESOURCES HAWAII INC
	COOKE ISLAND DISTRIBUTORS
	F & F WAIMANU ASSOCIATES LLC
	FLUID TECHNOLOGIES INC
	GE FACTORY SERVICE
	GREAT PEOPLE LLC
	HAHA HAWAIIAN ORGANICS INC
	HOOMAAUAO COMMUNITY TELEVISION
	I A T S E LOCAL 665
	IMUA UKULELE CO
	ION MEDIA NETWORKS
	JOSEPH K & CO
	K U P U T V
	KAILUA TV
	KAKAAKO FIXTURES INC
	KATAOKA CERAMIC ARTS
	KAUAHIKAUA & CHUN
	KPXO TV
	MAKAAINANA BROADCASTING
	MANGO MOON WHOLESALE
	MULTIMEDIA SOLUTIONS
	ONE LOVE MINISTRIES
	PHILLIPS SALES CO INC
	RAINBOW PRINTERS INC
	SAH INC
	SAI TRADING
	SEAFOOD HAWAII INC
	SHINY FLOORS INC
	TRINITY PROPERTY CONSULTANTS
	VERTRA INC
	WINKLER WOODS
899	DIAMOND HEAD SPRINKLER SUPPLY
904	BUSTERS REPAIR SERVICES INC
913	MINNICK ASSOCIATES
	RONI OF HAWAII
919	ACE AUTO GLASS
943	CREATIVE FURNITURE OUTLET
945	FLAVORS OF HAWAII INC
955	DISCOVER HIDDEN HAWAII TOURS
987	HAWAII OPERA THEATRE

Target Street	Cross Street	Source
-	✓	Cole Information Services

KAWAIAHAO ST 2013

560	HAWAIIAN HISTORICAL SOCIETY
693	EVENT HOUSE
	ZEST HAWAII LLC
697	ELEVATOR SERVICES
703	ADVANCED COLLISION CENTER
711	CARRIER HAWAII
757	BAVARIAN MOTOR EXPERTS
	EXECUTIVE AUTOSPORT
764	ALOHA WAY TRANSPORTATION INC
	AUTO XCHANGE INC
	BENZ & JAGZ SPECIALIST INC
	DO IT YOURSELF HOME REPAIR
801	M W TRANSPORTATION INC
	WHEEL ALIGNMENT CORP
807	RAZAS AUTO WORKS LLC
808	VLADIMIRS MARBLE & GRANITE
812	IC CONSTRUCTION
	PRO DIGITAL
815	STEWARTS AUTO SERVICE
822	KWANS AUTO BODY PAINTING
836	CAR STORE INC THE
840	GUCCI
	MAKOA CONSTRUCTION
	PANS TRADING
850	ALLYSON CHANG
	HONOLULU SYMPHONY
	JANNA THOMAS
	STORQUEST SELF STORAGE
866	PETERS JAMES DESIGN OFFICE
	PINEAPPLE PUBLISHING & GRAPHIC DESIG
	REFRIGERATION EQUIPMENT CO INC
	STATE REFRIGERATION SUPPLIES
870	I D S REDWOOD INC
	LOCAL MOTION
	LOCAL MOTION INC
	THE STORE FIXTURE OUTLET
882	KNIGHTWERKS
	WILLS AUTOMOTIVE
901	CAFE DUCK BUTT
902	K & Y AUTO SERVICE
	WAYNES AUTO ELECTRIC

Target Street	Cross Street	Source
✓	-	Cole Information Services

WAIMANU ST 2008

803	DUCK TOURS
830	BRANDON PRITCHARD
850	ISLAND SIGN SERVICE INC
875	C2F INC
	COOKE ISLAND DISTRIBUTE INC
	FOOD FACTORY LTD
	FOOTLEX INC
	HOONAAUAO COMMUNITY TV
	HYPERSPECTIVE
	ION MEDICAL NETWORKS KPXO TV 66
	ISLAND BIAS & QUILTING LLC
	ISLAND VIDEO DISTRIBUTORS
	JOSEPH K & CO
	KATAOKA CERAMIC ARTS
	KPXO TV
	MANGO MOON WHOLESALE
	MCCANN & ASSOCIATES INC
	NETWORK MEDICAL
	PACT PARENTS & CHILDREN TOGETHER
	PAGE CORP
	PAXSON COMMUNICATIONS CORP
	PHILLIPS SALES CO
	RAINBOW PRINTERS INC
	S & L TRADING LIMITED LIABILITY CO
	SEAFOOD HAWAII INC
	TODD ROBERTSON
	WILLS AUTOMOTIVE
899	DIAMOND SPRINKLER SUPPLY
901	HAWAIIAN ECLIPSE UNLIMITED
904	BUSTERS REPAIR SERVICES INC
	SMALL FORREST ESTIMATING SERVICE LLC
909	IAN GILLESPIE
	KOA SURF CLASSICS
	TOP GUN TOURS
913	MINNICK ASSOCIATES
	RONI OF HAWAII
919	ACE AUTO GLASS INC
943	CREATIVE FURNITURE OUTLET
945	FLAVORS OF HAWAII INC
985	BESTOURS
	SUNEX LTD
987	HAWAII OPERATION THEATRE

Target Street	Cross Street	Source
-	✓	Cole Information Services

KAWAIAHAO ST 2008

516	BROOKS TAKENAKA
560	HAWAIIAN HISTORICAL SOCIETY
693	EVENT HOUSE INC
705	ALOHA FLOWER LEIS
711	CARRIER HAWAII DOITNOW INC
757	BAVARIAN MOTOR EXPERTS
	EXECUTIVE AUTOSPORT
	SZYMANSKI WOJCIECH
764	EURO CAR SPECIALIST INC
801	WHEEL ALIGNMENT CORP
808	VLADIMIRS MARBLE & GRANITE INC
812	FEE MCCLARAN LTD
	KEEPSAKES HAWAII INC
815	STEWARTS AUTO SERVICE
822	KWANS AUTO BODY & SHOP
836	M W TRANSPORTATION INC
837	ALSCO INC
840	EZ ACCESS STORAGE SYSTEMS
	MAKOA MILL INC
	SOLAR ENGINEERING & CONTG
850	ALLEN DEVER
	CHRISTIE STARLEY
	FELIX HERNANDEZ
	MISS HAWAII ORGANIZATION
866	JAMES PETERS DESIGN OFFICE
	MARA INC
	PINEAPPLE PUBLISHING & GRAPHIC DESIG
	PINEPUB COM
	REFRIGERATION EQUIPMENT CO
	STATE REFRIGERATION SUPPLIES
869	ALS AUTO GLASS & RADIATOR REPAIR
	GOOD MECHANIC AUTO RICHFIELD
870	IDS ARCHITECTS INC
	KAKAAKO FIXTURES INC
	STORE FIXTURE OUTLET THE
882	KNIGHTWERKS
	OCCUPANT UNKNOWN
	RELIABLE AUTO REPAIR LLC
907	TRINITY MOTORS LLC

Target Street	Cross Street	Source
✓	-	Cole Information Services

WAIMANU ST 2003

803	OCCUPANT UNKNOWN
815	OCCUPANT UNKNOWN
	RMY CONSTRUCTION INC
875	ACME EXIM INC
	BRILLIANT PROPERTY INVESTMENTS CO
	BURST ELECTRONICS
	C 2 F INC
	CAMERA HAWAII INC
	GERMAIN & ASSOCS
	HONJO USA INC
	HOOMAAUAO COMMUNITY TV
	ISLAND SIGN SERVICE INC
	KAKAAKO FIXTURES INC
	KATAOKA CERAMIC ARTS
	KPXO TV
	LIQUID PLANET PRODUCTIONS
	MCCANN & ASSOCS INC
	NATURE N HEALTH PRODUCTS
	NETWORK MEDIA STUDIO
	NOBORU KUBOTA
	PAXSON COMMUNICATIONS B
	PHILLIPS SALES CO
	RAINBOW PRINTERS INC
	S & L INTERNATIONAL
	SOUL SURFING CREW INC
	TAB PRODUCTS OF HAWAII INC
	THE FOOD FACTORY LTD
	VICTEX OF HAWAII
894	TOW JAMS
899	DIAMOND HEAD SPRINKLE
	DIAMOND HEAD SPRINKLER INC
	HAWAII TRAINS
	ROBERT BOSLEY
901	KIESELBACH WOODWORKS
	OCCUPANT UNKNOWN
	TIMOTHY GREENLEAF
904	BUSTERS REPAIR SERVICES INC
909	KOA SURF CLASSICS
913	MINNICK ASSOCS
943	CREATIVE FURNITURE OUTLET
	OCCUPANT UNKNOWN
945	FLAVORS OF HAWAII INC
955	EXCLUSIVE LIMOUSINE SERVICE
985	BESTOURS
	VARIG BRAZILIAN AIRLINES
987	HAWAII OPERATION THEATRE
	HAWAII OPERATION THTR BOX OFC
	RICHARD STEAD

Target Street	Cross Street	Source
-	✓	Cole Information Services

KAWAIAHAO ST 2003

532	R RICHMOND
560	HAWAIIAN HISTORICAL SOCIETY
703	KEENER TECHNOLOGIES INC
705	OCCUPANT UNKNOWN
711	CARRIER HAWAII PARTS
	OCCUPANT UNKNOWN
757	CR IMPORT REPAIR
	GOLDEN UPHOLSTERY
	OCCUPANT UNKNOWN
801	OCCUPANT UNKNOWN
	WHEEL ALIGNMENT CORP
807	COSCINA BROTHERS COFFEE LLC
	RAZAS AUTO WORKS LLC
	SATOMI GOO
	SPECIALTY CANDIES
808	VLADIMIRS MARBLE & GRANITE
812	FEE MCCLARAN LIMITED
	WAYNE DAVIS
815	STEWART CHONG
	STEWARTS AUTO SERVICE
822	KWANS AUTO BODY PAINTING
825	SHOWCASES ETC
832	OCCUPANT UNKNOWN
836	MW TRANSPORTATION INC
	OCCUPANT UNKNOWN
840	ANALIZA URBINA
	C QUINTOS
	MAKOA MILL INC
	PEGGY DEXTER
	ROBERT SWEETAN
	T BALLESTEROS
	TRULY SHAY
866	HERITAGE BUILDERS INC
	PETERS JAMES DESIGN OFFICE
	PINEAPPLE PBLSHNG & GRPHC DSGN
	REFRIGERATION EQUIPMENT CO
876	OCCUPANT UNKNOWN
882	KNIGHTWERKS
	OCCUPANT UNKNOWN
	RELIABLE AUTO REPAIR LLC
902	K & Y AUTO SERVICE
	OCCUPANT UNKNOWN
	YOUNG & SON INC

Target Street	Cross Street	Source
✓	-	Cole Information Services

WAIMANU ST 1999

803	WAIMANU SASH & DOOR LIMITED MILLWK
807	DARLENE SILVA
815	R M Y CONSTRUCTION
875	ATLAS WINDOW CLEANING CONTRACTORS INCORPORATED
	DANIEL ZIEGLER
894	STANDARD PLUMBING INCORPORATED SHOP
899	DIAMOND HEAD SPRINKLER INCORPORATED
	DIAMOND HEAD SPRINKLER SUPPLY
901	TAN COMPANY
904	BUSTERS REPAIR SERVICES INCORPORATED
913	MINNICK ASSOCIATES
	RONI OF HAWAII
919	AUTO GLASS COMPANY LIMITED
943	CREATIVE FURNITURE OUTLET
	OCCUPANT UNKNOWN
945	FLAVORS OF HAWAII INCORPORATED
955	EXCLUSIVE LIMOUSINE SERVICE
985	BESTOURS
	SUNEX LIMITED
	VARIG BRAZILIAN AIRLINES
987	HAWAII OPERA THEATRE
	HAWAII OPERA THEATRE BOX OFFICE

Target Street	Cross Street	Source
-	✓	Cole Information Services

KAWAIAHAO ST 1999

550	NITTAS AUTO REPAIR
560	HAWAIIAN HISTORICAL SOCIETY
705	PACIFIC PHOTO ENGRAVING INCORPORATED
711	CARRIER HAWAII PARTS
757	C R IMPORT REPAIR
	GOLDEN UPHOLSTERY
	ZAKS AUTO & REPAIR
801	WHEEL ALIGNMENT CORPORATION
807	COSCINA BROTHERS IMPORT EXPORT
	DAGA RESTAURANT WARE LIMITED
	INTEGRATED COFFEE MARKETING INCORPORATED
	MR DAN INCORPORATED
	SPECIALTY CANDIES
808	VLADIMIRS MARBLE & GRANITE
812	FEE MCCLARAN LIMITED
822	KWANS AUTO BODY PAINTING
836	ANDYS AUTO REPAIR
	M W TRANSPORTATION INCORPORATED
866	HERITAGE BUILDERS INCORPORATED
	PETERS JAMES DESIGN OFFICE
	REFRIGERATION EQUIPMENT COMPANY INCORPORATED
	STATE REFRIGERATION SUPPLIES
870	HONOLULU ELECTRONICS
876	PRECISION PRESS
882	KNIGHTWERKS
	RELIABLE AUTO REPAIR
901	BETTYS PLACE
902	STANDARD PLUMBING INCORPORATED

Target Street	Cross Street	Source
✓	-	Cole Information Services

WAIMANU ST 1995

85	FRED LUM DESIGN ARTIST
815	WAIMANU SASH & DOOR LTD
875	A 1 MINI MAIL SVC
	A 1 MINI STORAGE
	ACME EXIM INC
	ALOHA EAST
	ALOHA TROPICAL
	BURST ELECTRONICS
	C2F INC
	CAMERA HAWAII INC
	CANDLE ODYSSEYS
	CELLULIFE INC
	CHAMBERS & CHAMBERS INC
	CULBERTSON ENTERPRISES INC
	DESIGN II
	DICTAPHONE CORP
	FOOD FACTORY LTD
	FRANCES L JOHNSON DESIGNS
	HAWAII BUSINESS ARCHIVES INC
	HAWAII PACIFIC X RAY CORP
	HAWAII SOUVENIR SALES
	I2C REALTY
	ISLAND BIAS & TRIMMING CO
	ISLAND POST PRODUCTION INC
	JAMIE WIEDMAN
	K JOSEPH & CO
	MEREDITH, PETER C
	NOSE SERVICE INC
	PETER C MEREDITH REFINISHING
	PHILLIPS SALES CO
	PRIVATE EYE ELECTRONIC SYSTEMS
	RAINBOW PRINTERS INC
	S & L INTL INC
	SOUTHERN CROSS SIGNS
	TAB PRODUCTS CO
	TEOH, BENNETT H
	TRANS PACIFIC LAND CORP
	TROPICAL CREATIONS
	VAGABOND TRADER INC
	VICTEX OF HAWAII
	WOODROSE ARRANGEMENTS INC
	YOUNT ENTERPRISES
894	STANDARD PLUMBING INC
899	BADE CERAMICS
	BOSLEY, BOB
	HOUSE OF ANTIQUES
	ONE BY ONE ENTERPRISES
901	WAIMANU STREET GALLERY
903	HATANO KEIKO STUDIO & GALLERY
904	BUSTERS REPAIR SVC INC

Target Street	Cross Street	Source
✓	-	Cole Information Services

WAIMANU ST 1995 (Cont'd)

905	ZIROLI
909	MINNICK, R JR
	SHERRI SIEVERT INTERIOR DESIGN
913	MINNICK ASSOCIATES
	OCCUPANT UNKNOWNN
	RONI OF HAWAII
919	AUTO GLASS CO LTD
941	SALVADOR, EDWIN
955	GARAGE
	OCCUPANT UNKNOWNN
985	BESTOURS
	CABINETS PLUS
	CONSTRUCTION PLUS
	SUNEX LIMITED
	TRI TILE INTL
	VARIG BRASILIAN AIRLINES
987	HAWAII OPERA THEATRE

Target Street	Cross Street	Source
-	✓	Cole Information Services

KAWAIAHAO ST 1995

550	G T ENGINEERING
	NITTAS AUTO REPAIR
560	HAWAIIAN HISTORICAL SOCIETY
701	GRAFIC ART SALES
705	PACIFIC PHOTO ENGRAVING INC
757	A 1 RADIATOR SVC
	GOLDEN UPHOLSTERY
	ZAKS AUTO & REPAIR
801	WHEEL ALIGNMENT CORP
807	COATS, BARRY
	COSCINA BROTHERS IMPORT EXPORT
	DAGA RESTAURANT WARE LTD
	GRISWOLDS GLASS ETCHING STORE
	MR DAN
	NEO GRAPHICS
	SPECIALTY CANDYS
	WHATAMELON
812	FEE MC CLARAN LTD
822	OCCUPANT UNKNOWNN
832	SYLVA, RUDOLPH
836	IVAN PEROFF PERFORMANCE PRODS
837	AMERICAN LINEN
840	A 1 MINI STORAGE
	A A QUEEN STREET MINI STORAGE
	BURST ELECTRONICS
	ENTENDENCIA, EDDIE
	EREDIA, BRANDI
	EZ ACCESS STORAGE SYSTEMS
	GALAXY BUSINESS PRODUCTS
	HONOLULU MARKETING GROUP INC
	ISLAND SIGN SVC
	MAUK, L L
	MULOCK, BRANDI
	NOSE SERVICE INC
	ULU, S J
	WONG, HELEN C
866	HERITAGE BUILDERS INC
	JAMES PETERS DESIGN OFFICE
	OCCUPANT UNKNOWNN
	REFRIGERATION EQUIPMENT CO
	STATE REFRIGERATION SUPPLIES
876	HERB HONG
882	HORSE & CARRIAGE HAWAII
	KNIGHTWERKS
	RELIABLE AUTO REPAIR
902	STANDARD PLUMBING INC

Target Street	Cross Street	Source
✓	-	Cole Information Services

WAIMANU ST 1992

909 MINNICK, R JR

Target Street	Cross Street	Source
-	✓	Cole Information Services

KAWAIAHAO ST 1992

832 LAU, F S

2014-0228
803 Waimanu Street
Honolulu, HI 96813

Inquiry Number: 4163300.8
December 17, 2014

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting 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 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILD FAX® PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Muranaka Env. Consultants, Inc on Dec 17, 2014.

TARGET PROPERTY

803 Waimanu Street
Honolulu, HI 96813

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Honolulu County

Year	*Source*	*TP*	*Adjoining*
2014	Honolulu County, Planning and Permitting		X
2013	Honolulu County, Planning and Permitting		X
2012	Honolulu County, Planning and Permitting		X
2011	Honolulu County, Planning and Permitting		X
2010	Honolulu County, Planning and Permitting		X
2009	Honolulu County, Planning and Permitting		X
2008	Honolulu County, Planning and Permitting		X
2007	Honolulu County, Planning and Permitting		X
2006	Honolulu County, Planning and Permitting		X
2005	Honolulu County, Planning and Permitting		X
2004	Honolulu County, Planning and Permitting		X
2003	Honolulu County, Planning and Permitting		X
2002	Honolulu County, Planning and Permitting		X
2001	Honolulu County, Planning and Permitting		X
2000	Honolulu County, Planning and Permitting		X
1999	Honolulu County, Planning and Permitting		X
1998	Honolulu County, Planning and Permitting		X
1997	Honolulu County, Planning and Permitting		X
1996	Honolulu County, Planning and Permitting		X
1995	Honolulu County, Planning and Permitting		X
1994	Honolulu County, Planning and Permitting		X
1993	Honolulu County, Planning and Permitting		X
1992	Honolulu County, Planning and Permitting		X
1991	Honolulu County, Planning and Permitting		X
1990	Honolulu County, Planning and Permitting		X
1989	Honolulu County, Planning and Permitting		X
1988	Honolulu County, Planning and Permitting		X
1987	Honolulu County, Planning and Permitting		X

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
1986	Honolulu County, Planning and Permitting		X
1985	Honolulu County, Planning and Permitting		X
1984	Honolulu County, Planning and Permitting		X
1983	Honolulu County, Planning and Permitting		X
1982	Honolulu County, Planning and Permitting		X
1981	Honolulu County, Planning and Permitting		X
1980	Honolulu County, Planning and Permitting		X
1979	Honolulu County, Planning and Permitting		X
1978	Honolulu County, Planning and Permitting		X
1977	Honolulu County, Planning and Permitting		X
1976	Honolulu County, Planning and Permitting		X
1975	Honolulu County, Planning and Permitting		X
1974	Honolulu County, Planning and Permitting		X
1973	Honolulu County, Planning and Permitting		X
	Honolulu County, Planning and Permitting	X	
1972	Honolulu County, Planning and Permitting		X
1971	Honolulu County, Planning and Permitting		X

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Honolulu County
Years: 1971-2014
Source: Honolulu County, Planning and Permitting, HONOLULU, HI
Phone: (808) 768-8259

Name: Maui County
Years: 1967-2014
Source: Maui County, Planning Department, Wailuku, HI
Phone: (808) 270-7735

Name: Kauai County
Years: 1976-2014
Source: Kauai County, Construction and Land Use, HANAMAULU, HI
Phone: (808) 241-4854

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

803 Waimanu Street
Honolulu, HI 96813

803 WAIMANU ST

Date:	**10/29/1973**
Permit Type:	
Description:	**WAIMANU SASH & DOOR - ,EL**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	18 - Store
Permit Number:	019074(HIST)
Status:	Converted
Valuation:	$900.00
Contractor Company:	
Contractor Name:	

Date:	**7/27/1973**
Permit Type:	
Description:	**WAIMANU SASH & DOOR - ,EL**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	013366(HIST)
Status:	Converted
Valuation:	$350.00
Contractor Company:	
Contractor Name:	

TARGET PROPERTY FINDINGS

Date:	**5/3/1973**
Permit Type:	
Description:	**WAIMANU SASH AND DOOR - ,EL**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	18 - Store
Permit Number:	007391(HIST)
Status:	Converted
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

COOKE ST

611 COOKE ST

Date:	**5/22/1996**
Permit Type:	
Description:	**611 COOKE MAE LOCK - AL,EL,PL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	18 - Store
Permit Number:	388732
Status:	Completed
Valuation:	$25,000.00
Contractor Company:	
Contractor Name:	KAPILI CONSTRUCTION

Date:	**7/20/1973**
Permit Type:	
Description:	**W H FIDDLER CO LTD - ,EL**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	012850(HIST)
Status:	Converted
Valuation:	$300.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

709 COOKE ST

Date:	**6/24/2008**
Permit Type:	
Description:	**(BP #628476) [TMK: 21049026] 709 COOKE ST.-TSUKENJO LUNCH HOUSE, ITC. - replace grease interceptor with new conforming grease interceptor**
Permit Description:	
Work Class:	PLUMBING WORK
Proposed Use:	18 - Store
Permit Number:	628476
Status:	Permit application closed
Valuation:	$20,000.00
Contractor Company:	
Contractor Name:	NONE

Date:	**4/21/2008**
Permit Type:	
Description:	**(BP #625788) [TMK: 21049026] 730 Queen St -- QUEEN'S BAR.B.Q - New grease interceptor and piping**
Permit Description:	
Work Class:	PLUMBING WORK
Proposed Use:	18 - Store
Permit Number:	625788
Status:	Permit application closed
Valuation:	$35,000.00
Contractor Company:	
Contractor Name:	Tu's Plumbing Attn:Paul H.K. Tu

ADJOINING PROPERTY FINDINGS

Date:	**9/27/2007**
Permit Type:	
Description:	**(BP #617930) [TMK: 21049026] 709 COOKE ST.- TOPS DELI - replace existing grease interceptor with new grease interceptor**
Permit Description:	
Work Class:	PLUMBING WORK
Proposed Use:	18 - Store
Permit Number:	617930
Status:	Permit application closed
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	AMKO CONSTRUCTION

716 COOKE ST

Date:	**7/25/2001**
Permit Type:	
Description:	**(BP #524198) [TMK: 21048002] MASAKO FORMALS - Interior renovations for 1st and 2nd floor.**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	18 - Store
Permit Number:	524198
Status:	Permit application closed
Valuation:	$80,000.00
Contractor Company:	
Contractor Name:	Yoo, Charles Dba: C. Yoo Construction

ADJOINING PROPERTY FINDINGS

Date: **6/25/1999**
Permit Type:
Description: **COOKE ST CTR-ADA - FC**

Permit Description:
Work Class: FENCE
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 432758
Status: Completed
Valuation: $15,000.00
Contractor Company:
Contractor Name: CONSTRUCTION PLUS

Date: **4/16/1998**
Permit Type:
Description: **SERTA MATTRESS CO - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 416209
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **1/25/1996**
Permit Type:
Description: **CARRIER HAWAII - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 382809
Status: Completed
Valuation: $400.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **10/16/1995**
Permit Type:
Description: **CARRIER HAWAII - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 7 - Industrial
Permit Number: 378393
Status: Completed
Valuation: $80,000.00
Contractor Company:
Contractor Name: CONSTRUCTION PLUS SVC

Date: **9/20/1995**
Permit Type:
Description: **SERTA MATTRESS - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 377130
Status: Completed
Valuation: $1,000.00
Contractor Company:
Contractor Name:

Date: **8/16/1995**
Permit Type:
Description: **SERTA MATTRESS CO - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 375707
Status: Completed
Valuation: $60,000.00
Contractor Company:
Contractor Name: WESTERN ENGINEERING

ADJOINING PROPERTY FINDINGS

Date: **6/9/1995**
Permit Type:
Description: **COOKE ST CTR - NB,EL,PL,OT,DR**

Permit Description: **1 - New**
Work Class: NEW BUILDING, ELECTRICAL WORK, PLUMBING WORK, OTHE
Proposed Use: 7 - Industrial
Permit Number: 370775
Status: Completed
Valuation: $600,000.00
Contractor Company:
Contractor Name: WESTERN ENGINEERING LTD INC

Date: **4/7/1995**
Permit Type:
Description: **COYNE MATTRESS - FN,EL,PL**

Permit Description:
Work Class: ELECTRICAL WORK, PLUMBING WORK,FOUNDATION
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 367994
Status: Completed
Valuation: $200,000.00
Contractor Company:
Contractor Name: WESTERN ENGINEERING LTD

910 COOKE ST

Date: **7/11/1995**
Permit Type:
Description: **MALAMALAMA - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 372368
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **3/3/1995**
Permit Type:
Description: **KEALAULA CARPORT - NB**

Permit Description: **1 - New**
Work Class: NEW BUILDING
Proposed Use: 9 - Garage (private)
Permit Number: 366252
Status: Completed
Valuation: $7,000.00
Contractor Company:
Contractor Name: RICHARD YOUNG BLDRS

Date: **2/1/1988**
Permit Type:
Description: **KEALAULA OKA MALAMAM - NB**

Permit Description: **1 - New**
Work Class: NEW BUILDING
Proposed Use: 9 - Garage (private)
Permit Number: 249727
Status: Expired
Valuation: $8,000.00
Contractor Company:
Contractor Name: R C DERRICK & SON

Date: **5/9/1973**
Permit Type:
Description: **KEALAULA OKA MALAMALAMA - ,AD**

Permit Description:
Work Class: ADDITION
Proposed Use: 6 - Church
Permit Number: 007862(HIST)
Status: Converted
Valuation: $4,807.00
Contractor Company:
Contractor Name: SHATZER & GAILARD

ADJOINING PROPERTY FINDINGS

CURTIS ST

876 CURTIS ST

Date:	**11/7/2013**
Permit Type:	**Commercial**
Description:	**Royal Capitol Plaza - 01 LAVATORY WASTE STACK REPLACEMENT AND RESTORATION WITH SAME/SIMILAR MATERIALS for unit type A-1**
Permit Description:	
Work Class:	PLUMBING
Proposed Use:	Apartment
Permit Number:	736739
Status:	Inspection(s) in Progress
Valuation:	$75,000.00
Contractor Company:	
Contractor Name:	

Date:	**10/25/2013**
Permit Type:	**Commercial**
Description:	**Royal Capitol Paza - Installing cleanouts and routine maintenance cleaning**
Permit Description:	
Work Class:	PLUMBING
Proposed Use:	Apartment
Permit Number:	711154
Status:	Permit application closed
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	Royal Capitol Plaza

ADJOINING PROPERTY FINDINGS

Date:	**6/26/2013**
Permit Type:	**Commercial**
Description:	**876 CURTIS ST, UNIT #1508 // Yamaoka - REPLACE BATHROOM TUB, SHOWER VALVE (PRESSURE BALANCE VALVE), AND FAUCET -- ONLY BATHROOM IN UNIT**
Permit Description:	
Work Class:	PLUMBING
Proposed Use:	Apartment
Permit Number:	726325
Status:	Inspection(s) in Progress
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	SC Pacific Corp

Date:	**4/1/2013**
Permit Type:	**Commercial**
Description:	**876 CURTIS ST, PH-4 / Yoshioka - ALTERATION TO EX UNIT -- REMODEL BATHROOMS**
Permit Description:	
Work Class:	APARTMENT (3 OR MORE)
Proposed Use:	Apartment
Permit Number:	720021
Status:	Inspection(s) in Progress
Valuation:	$38,000.00
Contractor Company:	
Contractor Name:	YOSHIOKA, BRAD

ADJOINING PROPERTY FINDINGS

Date:	**9/11/2012**
Permit Type:	**Commercial**
Description:	**876 CURTIS ST HNL UNIT#1504 LISA YOUNG - INTERIOR ALTERATION TO EXISTG APT UNIT @ Royal Capitol Plaza**
Permit Description:	
Work Class:	APARTMENT (3 OR MORE)
Proposed Use:	Apartment
Permit Number:	682589
Status:	Permit application closed
Valuation:	$500.00
Contractor Company:	
Contractor Name:	AKAGI'S BUILDERS AND PAINTERS LLC

Date:	**10/4/2011**
Permit Type:	**Residential**
Description:	**SIU RESIDENCE -- INTERIOR ALTERATIONS TO AN EXISTING APT. 4006 (Install new cabinets and walls)**
Permit Description:	
Work Class:	APARTMENT (3 OR MORE)
Proposed Use:	Apartment
Permit Number:	667221
Status:	Permit application closed
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	Siu, Kenneth K. F.

ADJOINING PROPERTY FINDINGS

Date:	**10/20/2009**
Permit Type:	
Description:	**(BP #648216) [TMK: 21047008] Royal Capitol Plaza - Install new gas line from tank to bbq grilles**
Permit Description:	
Work Class:	PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	648216
Status:	Permit application closed
Valuation:	$3,500.00
Contractor Company:	
Contractor Name:	HARADA PLUMBING INC

Date:	**4/9/2008**
Permit Type:	
Description:	**(BP #625351) ON-LINE PERMIT [TMK: 21047008] PARK, THOMAS - Plumbing Repair [1st Floor: 1 Toilet/] (INTERIOR ONLY) 04/24/08 REMOVE KENDALL'S PLUMB PER LETTER FROM THEM 4-24-08 add bryan h. yannell as plumber per letter.**
Permit Description:	
Work Class:	PLUMBING WORK
Proposed Use:	1 - Single Family
Permit Number:	625351
Status:	Permit application closed
Valuation:	$200.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

Date:	**12/12/2006**
Permit Type:	
Description:	**(BP #606001) [TMK: 21047008] ROYAL CAPITAL PLAZA - RELOCATE EXISTING METER LOCATED AT EXISTING ELECTRIC ROOM, 100 AMP**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	3 - Apartment
Permit Number:	606001
Status:	Inspection(s) in Progress
Valuation:	$1,000.00
Contractor Company:	
Contractor Name:	NONE

Date:	**11/2/2006**
Permit Type:	
Description:	**(BP #604287) [TMK: 21047008] NEAL TACHIBANA - INTERIOR ALTERATIONS TO AN EXISTING CONDO UNIT #3707 AT THE ROYAL CAPITAL PLAZA**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	604287
Status:	Permit application closed
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	H K CONSTRUCTION CORP

ADJOINING PROPERTY FINDINGS

Date:	**11/2/2006**
Permit Type:	
Description:	**(BP #604305) [TMK: 21047008] NEAL TACHIBANA - INTERIOR ALTERATIONS TO AN EXISTING CONDO UNIT #3705 AT THE ROYAL CAPITAL PLAZA**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	3 - Apartment
Permit Number:	604305
Status:	Permit application closed
Valuation:	$2,500.00
Contractor Company:	
Contractor Name:	H K CONSTRUCTION CORP

Date:	**10/12/2006**
Permit Type:	
Description:	**(BP #603364) [TMK: 21047008] 6/21 Remedy Intelligent Staffing @ The Royal Capitol Plaza, Ground Flr - Interior Alteration (One-Time Review): Convert existing loft space to office. 10/23/06 Fire sprinkler shop drawings submitted RETURNED NOT REQUIRED!!!.**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	603364
Status:	Permit application closed
Valuation:	$250,000.00
Contractor Company:	
Contractor Name:	INOUYE RALPH S CO LT

ADJOINING PROPERTY FINDINGS

Date:	**6/22/2006**
Permit Type:	
Description:	**(BP #598225) [TMK: 21047008] M/M JAMES GAY -- INTERIOR ALTERATION TO AN EXISTING TENANT**
Permit Description:	
Work Class:	ALTERATION, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	598225
Status:	Permit application closed
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	CARAANG LUCIANO JR

Date:	**2/24/2004**
Permit Type:	
Description:	**(BP #561655) [TMK: 21047008] WILLIAM PETRIDES, #2607 - PLUMBING ONLY / REPLACE KITCHEN SINK, FAUCET & DISPOSAL.**
Permit Description:	
Work Class:	PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	561655
Status:	Permit application closed
Valuation:	$1,001.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

Date:	**2/10/2004**
Permit Type:	
Description:	**(BP #561136) [TMK: 21047008] SHIMAZU - INTERIOR ALTERATION, KITCHEN, BATHROOM, ELECTRICAL AND PLUMBING**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	561136
Status:	Permit application closed
Valuation:	$56,000.00
Contractor Company:	
Contractor Name:	H. Monma Gen Contr Inc Attn: Russel M. Monma

Date:	**4/4/2002**
Permit Type:	
Description:	**(BP #533096) [TMK: 21047008] FURUMOTO / BRIDGES - Kitchen & bath alteration, no additional plumbing fixtures.**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	533096
Status:	Permit application closed
Valuation:	$7,500.00
Contractor Company:	
Contractor Name:	Seven Valleys Construction, Inc. Charles F. Siebenthal, President

ADJOINING PROPERTY FINDINGS

Date: **3/30/2001**
Permit Type:
Description: **(BP #519866) [TMK: 21047008] DAVID CY KWAN #1905 - REMOVE NON-BEARING PARTITION & RELOCATE EXISTING LIGHT SWITCHES & OUTLETS**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 3 - Apartment
Permit Number: 519866
Status: Permit application closed
Valuation: $400.00
Contractor Company:
Contractor Name: KWAN DAVID CY

Date: **11/6/2000**
Permit Type:
Description: **(BP #514910) [TMK: 21047008] ROYAL CAPITOL PLAZA - RENOVATE BBQ AREA.**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 3 - Apartment
Permit Number: 514910
Status: Permit application closed
Valuation: $10,000.00
Contractor Company:
Contractor Name: GILDER BUILDERS INCO

Date: **7/30/1998**
Permit Type:
Description: **CANFIELD/BOSLEY - EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 420397
Status: Completed
Valuation: $3,250.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **7/5/1996**
Permit Type:
Description: **ROYAL CAPITOL-RETRO - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 390869
Status: Completed
Valuation: $4,356.00
Contractor Company:
Contractor Name:

Date: **9/19/1995**
Permit Type:
Description: **RETROFIT - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 377098
Status: Completed
Valuation: $25,345.00
Contractor Company:
Contractor Name:

Date: **3/6/1995**
Permit Type:
Description: **BORSTING #PH7 - AL,EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 3 - Apartment
Permit Number: 366308
Status: Completed
Valuation: $10,000.00
Contractor Company:
Contractor Name: R W ENTEPRISES (06/27/95)

ADJOINING PROPERTY FINDINGS

Date: **3/17/1989**
Permit Type:
Description: **WILLIAM METZ - PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK, OTHER WORK
Proposed Use: 3 - Apartment
Permit Number: 266914
Status: Completed
Valuation: $2,000.00
Contractor Company:
Contractor Name: CARL VERBLEN

Date: **9/6/1988**
Permit Type:
Description: **KIM - AL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, PLUMBING WORK
Proposed Use: 3 - Apartment
Permit Number: 259089
Status: Completed
Valuation: $1,800.00
Contractor Company:
Contractor Name: DIAMOND HEAD PLMBG

Date: **9/6/1988**
Permit Type:
Description: **KIM - AL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, PLUMBING WORK
Proposed Use: 3 - Apartment
Permit Number: 259090
Status: Completed
Valuation: $1,800.00
Contractor Company:
Contractor Name: DIAMOND HEAD PLMBG

ADJOINING PROPERTY FINDINGS

Date: **6/23/1988**
Permit Type:
Description: **PLAZA MINI MART - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 18 - Store
Permit Number: 255688
Status: NK Status
Valuation: $19,000.00
Contractor Company:
Contractor Name: Benz Construction

Date: **11/5/1987**
Permit Type:
Description: **SR HAWAII CORP INC - DM**

Permit Description: **7 - Demolition**
Work Class: DEMOLITION
Proposed Use: 8 - Garage (public)
Permit Number: 246835
Status: Expired
Valuation: $1,500.00
Contractor Company:
Contractor Name: DEMOLITION ENGING - REFUND

Date: **8/11/1986**
Permit Type:
Description: **ROYAL CAPITAL PLAZA - NB,EL,PL,OT,DR**

Permit Description: **1 - New**
Work Class: NEW BUILDING, ELECTRICAL WORK, PLUMBING WORK, OTHE
Proposed Use: 3 - Apartment
Permit Number: 227378
Status: Completed
Valuation: $20,495,000.00
Contractor Company:
Contractor Name: PACIFIC CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**2/26/1985**
Permit Type:	
Description:	**BRASS MONKEYS - EL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	204392
Status:	Completed
Valuation:	$1,200.00
Contractor Company:	
Contractor Name:	

ILANIWAI ST

746 ILANIWAI ST

Date:	**8/24/2007**
Permit Type:	
Description:	**(BP #616518) [TMK: 21050030] 754 Ilaniwai St - DCJ Ltd - Installation of Grid Tied Photovoltaic (Solar) System (2007/IBP1525)**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	616518
Status:	Permit application closed
Valuation:	$31,078.00
Contractor Company:	
Contractor Name:	COMMERCIAL ROOFING & WATERPROOFING HI INC

ADJOINING PROPERTY FINDINGS

Date: **1/8/2007**
Permit Type:
Description: **(BP #607196) [TMK: 21050030] SHALL WE DANCE (BLDG A - 1ST & 2ND FLR) -- ELECTRICAL CONNECTION FOR 2 SIGNS**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 607196
Status: Permit application closed
Valuation: $200.00
Contractor Company:
Contractor Name: NONE

Date: **11/16/2006**
Permit Type:
Description: **(BP #604850) [TMK: 21050030] CABINET ART INC -- ELECTRICAL HOOK- UP FOR (1) HANGING SIGN**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 604850
Status: Permit application closed
Valuation: $200.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date:	**10/19/2006**
Permit Type:	
Description:	**(BP #603653) [TMK: 21050030] DAVID JOHNSON -- SUITE 100 -- ADDITION OF ELECTRICAL FIXTURES & ALTERATION TO EXISTING UNIT**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	19 - Other non residential
Permit Number:	603653
Status:	Permit application closed
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	QUICK GENERAL

Date:	**10/12/2006**
Permit Type:	
Description:	**(BP #603360) [TMK: 21050030] KING'S KARAOKE & GAME CENTER (2ND FLR-BLDG A) -- INTERIOR ALTERATION**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	5 - Amusement, recreation
Permit Number:	603360
Status:	Inspection(s) in Progress
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	AMKO CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **9/15/2006**
Permit Type:
Description: **(BP #602066) [TMK: 21050030] 754 ILANIWAI ST -- ACTION REALTY LLC -- LAMP & BALLAST RETROFIT TO ELECTRONIC BALLAST & T8 LAMPS.**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 602066
Status: Permit application closed
Valuation: $1,365.98
Contractor Company:
Contractor Name: NONE

Date: **9/25/1980**
Permit Type:
Description: **MARK CHRISTOPHER - ,AL,EL,PL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 18 - Store
Permit Number: 144582(HIST)
Status: Converted
Valuation: $30,000.00
Contractor Company:
Contractor Name: THOMAS TOMA

Date: **7/29/1980**
Permit Type:
Description: **MARK CHRISTOPHER - ,AL,EL,PL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 142249(HIST)
Status: Converted
Valuation: $108,000.00
Contractor Company:
Contractor Name: IMUA BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **11/10/1977**
Permit Type:
Description: **MARTIN & MAE AUTHUR - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 092166(HIST)
Status: Converted
Valuation: $600.00
Contractor Company:
Contractor Name: NONE

Date: **3/7/1975**
Permit Type:
Description: **MALIHINI SPORTSWEAR - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 044777(HIST)
Status: Converted
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **2/19/1975**
Permit Type:
Description: **TECHNICOLOR INC - ,PL**

Permit Description:
Work Class: PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 044035(HIST)
Status: Converted
Valuation: $600.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **7/9/1973**
Permit Type:
Description: **MALIHINI SPORTWEAR INC - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 011780(HIST)
Status: Converted
Valuation: $100.00
Contractor Company:
Contractor Name:

766 ILANIWAI ST

Date: **9/8/2011**
Permit Type: **Commercial**
Description: **766 ILANIWAI ST - Auto Pro - Installation of a new PV system**

Permit Description:
Work Class: ELECTRICAL
Proposed Use: Industrial
Permit Number: 674406
Status: Permit application closed
Valuation: $45,000.00
Contractor Company:
Contractor Name: La'a Kea, Inc.

ADJOINING PROPERTY FINDINGS

Date: **12/22/2010**
Permit Type:
Description: **(BP #665592) [TMK: 21050027] AUTO PRO INC. - REMOVE TWO EXISTING OVERHEAD SERVICE & METERS; REPLACE WITH NEW OVERHEAD SERVICE & ONE 200 AMP METER IN SAME LOCATION**

Permit Description:
Work Class:
Proposed Use: 10 - Service Station
Permit Number: 665592
Status: Permit application closed
Valuation: $5,500.00
Contractor Company:
Contractor Name: NONE

Date: **3/7/1973**
Permit Type:
Description: **AUTO TECH SERVICE CENTER INC - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 003536(HIST)
Status: Converted
Valuation: $800.00
Contractor Company:
Contractor Name:

Date: **4/4/1972**
Permit Type:
Description: **HALE BUILDERS - ,AD,AL**

Permit Description:
Work Class: ADDITION, ALTERATION
Proposed Use: 12 - Office Building
Permit Number: 116791(HIST < 1973)
Status: Converted
Valuation: $2,000.00
Contractor Company:
Contractor Name: HALE BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **10/21/1971**
Permit Type:
Description: **ERIC CHUN E NISHIMOTO R CHANG - ,NB**

Permit Description:
Work Class: NEW BUILDING
Proposed Use: 18 - Store
Permit Number: 109788(HIST < 1973)
Status: Converted
Valuation: $45,000.00
Contractor Company:
Contractor Name: AVANTI CONSTRUCTORS INC

Date: **10/12/1971**
Permit Type:
Description: **E NISHIMOTO L T S CHUNG G CHAN - ,DM**

Permit Description:
Work Class: DEMOLITION
Proposed Use: 1 - Single Family
Permit Number: 109350(HIST < 1973)
Status: Converted
Valuation: $250.00
Contractor Company:
Contractor Name: ROY F MOTOBU CONTRACTING

Date: **10/12/1971**
Permit Type:
Description: **ERIC NISHIMOTO ETAL - ,DM**

Permit Description:
Work Class: DEMOLITION
Proposed Use: 1 - Single Family
Permit Number: 109351(HIST < 1973)
Status: Converted
Valuation: $250.00
Contractor Company:
Contractor Name: ROY F MOTOBU CONTR

ADJOINING PROPERTY FINDINGS

812 ILANIWAI ST

Date:	**3/29/1982**
Permit Type:	
Description:	**RUDOLF METZGER - ,AL**
Permit Description:	
Work Class:	ALTERATION
Proposed Use:	10 - Service Station
Permit Number:	166231(HIST)
Status:	Converted
Valuation:	$1,000.00
Contractor Company:	
Contractor Name:	H. AZAMA MASONRY

813 ILANIWAI ST

Date:	**9/30/2005**
Permit Type:	
Description:	**(BP #586665) [TMK: 21050010] 813 Ilaniwai St. -PACIFIC AUTOMOTIVE - Upgrade meter to existing auto repair.**
Permit Description:	
Work Class:	
Proposed Use:	19 - Other non residential
Permit Number:	586665
Status:	Permit application closed
Valuation:	$1,000.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

825 ILANIWAI ST

Date: **3/16/1988**
Permit Type:
Description: **MARUE & GERTZ LTD - AL,EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 251379
Status: NK Status
Valuation: $160,000.00
Contractor Company:
Contractor Name: PNL

Date: **8/5/1980**
Permit Type:
Description: **CHERRY CO. - ,AL,EL,PL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 142468(HIST)
Status: Converted
Valuation: $28,000.00
Contractor Company:
Contractor Name: N. YASUDA

Date: **6/23/1980**
Permit Type:
Description: **THE CHERRY CO LTD - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 140643(HIST)
Status: Converted
Valuation: $6,200.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date: **9/10/1976**
Permit Type:
Description: **THE CHERRY CO - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 072250(HIST)
Status: Converted
Valuation: $600.00
Contractor Company:
Contractor Name:

828 ILANIWAI ST

Date: **5/15/1998**
Permit Type:
Description: **C & S SERVICE INC - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 417336
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **11/9/1988**
Permit Type:
Description: **EDWIN DOIGUCHI - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 261920
Status: Completed
Valuation: $850.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **10/25/1988**
Permit Type:
Description: **MICHAEL YIP - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 261269
Status: Completed
Valuation: $850.00
Contractor Company:
Contractor Name:

Date: **11/5/1987**
Permit Type:
Description: **DAVID LEE - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 246841
Status: Completed
Valuation: $1,000.00
Contractor Company:
Contractor Name:

Date: **4/11/1977**
Permit Type:
Description: **RODNEY HONEYCHURCH - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 10 - Service Station
Permit Number: 081573(HIST)
Status: Converted
Valuation: $400.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

833 ILANIWAI ST

Date:	**12/12/1975**
Permit Type:	
Description:	**KUNO NIETHAMMER - ,DM**
Permit Description:	
Work Class:	DEMOLITION
Proposed Use:	1 - Single Family
Permit Number:	059343(HIST)
Status:	Converted
Valuation:	$500.00
Contractor Company:	
Contractor Name:	Owner

Date:	**12/12/1975**
Permit Type:	
Description:	**KUNO NIETHAMMER - ,AD,FC,PL**
Permit Description:	
Work Class:	ADDITION, PLUMBING WORK, FENCE
Proposed Use:	7 - Industrial
Permit Number:	059344(HIST)
Status:	Converted
Valuation:	$18,000.00
Contractor Company:	
Contractor Name:	EDWARD NAKASHIGE

ADJOINING PROPERTY FINDINGS

834 ILANIWAI ST

Date:	**5/15/1998**
Permit Type:	
Description:	**C & S SERVICE INC - EL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	417335
Status:	Completed
Valuation:	$500.00
Contractor Company:	
Contractor Name:	

836 ILANIWAI ST

Date:	**8/6/2009**
Permit Type:	
Description:	**(BP #645327) [TMK: 21050055] KWOK YUEN HO- ADDITION OF SECOND FLOOR - EXTEND EXISTING MEZZANINE LEVEL TO FULL 2ND FLOOR -- 11/23/09 - APPROVED REVISED PLANS TO ALTER EXISTING STAIRS AND REMOVE EXISTING BATHROOM AT GROUND FLOOR W/BP# 645327/A 02/01/10 REMOVE KEVIN DING TO GREAT WALL CONST PER OWNER**
Permit Description:	
Work Class:	ADDITION, ALTERATION, ELECTRICAL WORK, PLUMBING WO
Proposed Use:	7 - Industrial
Permit Number:	645327
Status:	Permit application closed
Valuation:	$45,000.00
Contractor Company:	
Contractor Name:	GREAT WALL CONSTRUCTION INC Attn: William H.B. Cheng

ADJOINING PROPERTY FINDINGS

Date:	**2/5/2001**
Permit Type:	
Description:	**(BP #517872) [TMK: 21050055] O'NEILL PARTNERS LLC - ADD 2ND FLOOR MEZZANINE (ALL PLANS TAKEN OUT BY OWNER 11/3/00)**
Permit Description:	
Work Class:	ADDITION, ALTERATION, ELECTRICAL WORK
Proposed Use:	7 - Industrial
Permit Number:	517872
Status:	Permit application closed
Valuation:	$16,000.00
Contractor Company:	
Contractor Name:	Owner

Date:	**8/30/1973**
Permit Type:	
Description:	**ART INDUSTRY BINDERY - ,EL**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	7 - Industrial
Permit Number:	015668(HIST)
Status:	Converted
Valuation:	$300.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

842 ILANIWAI ST

Date:	**5/5/1995**
Permit Type:	
Description:	**RETROFIT - PL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	PLUMBING WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	369132
Status:	Completed
Valuation:	$250.00
Contractor Company:	
Contractor Name:	

856 ILANIWAI ST

Date:	**8/12/1994**
Permit Type:	
Description:	**856 ILANIWAI - AL,RP,EL,PL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ALTERATION, REPAIR, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	7 - Industrial
Permit Number:	356676
Status:	Completed
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	PIONEER CONTRACTING

ADJOINING PROPERTY FINDINGS

Date:	**1/9/1987**
Permit Type:	
Description:	**PACIFIC MERCANTILE - EL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	233096
Status:	Completed
Valuation:	$3,200.00
Contractor Company:	
Contractor Name:	

862 ILANIWAI ST

Date:	**7/22/1996**
Permit Type:	
Description:	**MATSUSHIMA - DM**
Permit Description:	**7 - Demolition**
Work Class:	DEMOLITION
Proposed Use:	1 - Single Family
Permit Number:	391578
Status:	Completed
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	TAJIRI LUMBER LTD

ADJOINING PROPERTY FINDINGS

KAMANI ST

505 KAMANI ST

Date:	**1/2/2003**
Permit Type:	
Description:	**(BP #543648) [TMK: 21049078] MANGO MOON - NEW 100AMP 120/240VF METER/MAIN AND 100A FUSIBLE DISCONNECT**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	7 - Industrial
Permit Number:	543648
Status:	Permit application closed
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	NONE

Date:	**4/24/2002**
Permit Type:	
Description:	**(BP #533897) [TMK: 21049078] Kieselbach Woodworks - Upgrade of Service to 3p 200 amp.**
Permit Description:	
Work Class:	
Proposed Use:	7 - Industrial
Permit Number:	533897
Status:	Permit application closed
Valuation:	$1,500.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

Date: **4/18/1984**
Permit Type:
Description: **MOTOCYCLE ALLEY - AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 18 - Store
Permit Number: 192265
Status: Completed
Valuation: $2,500.00
Contractor Company:
Contractor Name: NATE BARZILAY

Date: **6/23/1976**
Permit Type:
Description: **AUTOWORKS - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 19 - Other non residential
Permit Number: 068032(HIST)
Status: Converted
Valuation: $100.00
Contractor Company:
Contractor Name: NONE

Date: **9/16/1974**
Permit Type:
Description: **PAUL NAKAGAKI - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 037463(HIST)
Status: Converted
Valuation: $300.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

518 KAMANI ST

Date: **9/28/1982**
Permit Type:
Description: **INMONT CORP. - ,AL,EL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 172386(HIST)
Status: Converted
Valuation: $15,000.00
Contractor Company:
Contractor Name: WALKER-MOODY CONSTRUCTION

Date: **9/10/1982**
Permit Type:
Description: **INMONT CORP. - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 171912(HIST)
Status: Converted
Valuation: $1,600.00
Contractor Company:
Contractor Name: NONE

Date: **9/14/1978**
Permit Type:
Description: **ROBERT TOM - AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 108093
Status: Completed
Valuation: $15,000.00
Contractor Company:
Contractor Name: WALKER-MOODY

ADJOINING PROPERTY FINDINGS

Date: **6/14/1976**
Permit Type:
Description: **ROBERT W J TOM - ,NB,EL,PL,DR**

Permit Description:
Work Class: NEW BUILDING, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 067344(HIST)
Status: Converted
Valuation: $100,000.00
Contractor Company:
Contractor Name: NOBU OKUHARA

524 KAMANI ST

Date: **9/15/1999**
Permit Type:
Description: **UPHOLSTERES INC - EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 436325
Status: Completed
Valuation: $1,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

545 KAMANI ST

Date:	**7/23/2007**
Permit Type:	
Description:	**(BP #615226) [TMK: 21049060] TOP GUN TOURS -- REPLACE 2 EXISTING METER SOCKETS W/NEW**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	615226
Status:	Inspection(s) in Progress
Valuation:	$2,500.00
Contractor Company:	
Contractor Name:	NONE

Date:	**1/23/1997**
Permit Type:	
Description:	**TAN EMBROIDERY - EL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	398663
Status:	Completed
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **1/19/1989**
Permit Type:
Description: **KAMANI WOODWORKS - AL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION
Proposed Use: 7 - Industrial
Permit Number: 264462
Status: Completed
Valuation: $100.00
Contractor Company:
Contractor Name: CHARLES FUJII

Date: **12/2/1988**
Permit Type:
Description: **KAMANI WOODWORKERS - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 262829
Status: Completed
Valuation: $5,000.00
Contractor Company:
Contractor Name:

Date: **7/30/1974**
Permit Type:
Description: **CHARLES FUJII - ,RP,EL**

Permit Description:
Work Class: REPAIR, ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 034996(HIST)
Status: Converted
Valuation: $4,000.00
Contractor Company:
Contractor Name: Owner

ADJOINING PROPERTY FINDINGS

Date: **7/30/1974**
Permit Type:
Description: **CHARLES G FUJII - ,RP,EL**

Permit Description:
Work Class: REPAIR, ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 034997(HIST)
Status: Converted
Valuation: $1,000.00
Contractor Company:
Contractor Name: Owner

Date: **9/13/1973**
Permit Type:
Description: **ISLAND NEON - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 016426(HIST)
Status: Converted
Valuation: $325.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

KAPIOLANI BLVD

711 KAPIOLANI BLVD

Date:	**9/23/2014**
Permit Type:	**Commercial**
Description:	**11/51 5th and 12th Floor // Hawaiian Electric Company @ Pacific Park Plaza - ALTERATION TO EX OFFICE SPACE**
Permit Description:	
Work Class:	OFFICE, 11 OR MORE STORIES
Proposed Use:	Office Building
Permit Number:	754403
Status:	Inspection(s) in Progress
Valuation:	$1,060,023.00
Contractor Company:	
Contractor Name:	KADOWAKI JAY INC

Date:	**7/3/2014**
Permit Type:	**Commercial**
Description:	**Pacific Park Plaza Owner, LLC - Suite 975 fire alarm system alterations**
Permit Description:	
Work Class:	ELECTRICAL
Proposed Use:	Office Building
Permit Number:	750182
Status:	Inspection(s) in Progress
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:	**8/20/2013**
Permit Type:	**Residential**
Description:	**HOME STREET BANK // Suite 1600 @ Pacific Park Plaza -- Alteration to existg office [THIRD PARTY REVIEW] 730391/A REVISED SHEETS TO CLARIFY LOW VOLTAGE DIAGRAMS*** **
Permit Description:	
Work Class:	OFFICE, 11 OR MORE STORIES
Proposed Use:	Office Building
Permit Number:	730391
Status:	Inspection(s) in Progress
Valuation:	$600,000.00
Contractor Company:	
Contractor Name:	CORNAIR REMODELING INC

Date:	**4/26/2013**
Permit Type:	**Commercial**
Description:	**(12/85) PACIFIC PARK PLAZA -- ALTERATION -- Replacement of existing elevator lobby finishes and light fixtures (2012/IBP19675)**
Permit Description:	
Work Class:	OFFICE, 11 OR MORE STORIES
Proposed Use:	Office Building
Permit Number:	721390
Status:	Permit application closed
Valuation:	$200,000.00
Contractor Company:	
Contractor Name:	KOKEA CONSTRUCTION & CONSULTANTS INC

ADJOINING PROPERTY FINDINGS

Date: **2/21/2013**
Permit Type: **Commercial**
Description: **711 KAPIOLANI BLVD 2nd FLOOR / Honolulu Lending - Alteration to existing tenant space (ELectrical Work Only)**

Permit Description:
Work Class: ELECTRICAL
Proposed Use: Office Building
Permit Number: 717107
Status: Inspection(s) in Progress
Valuation: $23,000.00
Contractor Company:
Contractor Name:

Date: **1/25/2013**
Permit Type: **Commercial**
Description: **PACIFIC PARK PLAZA - New Submeter**

Permit Description:
Work Class: PLUMBING
Proposed Use: Structure other than building & unclassified
Permit Number: 714144
Status: Permit application closed
Valuation: $6,500.00
Contractor Company:
Contractor Name: HAWAII HVAC LLC

Date: **12/24/2012**
Permit Type: **Commercial**
Description: **711 KAPIOLANI BLVD Pacific Park Plaza Suite 1100 - Alteration of Existing Tenant Space**

Permit Description:
Work Class: OFFICE, 11 OR MORE STORIES
Proposed Use: Office Building
Permit Number: 686311
Status: Permit application closed
Valuation: $15,000.00
Contractor Company:
Contractor Name: KOKEA CONSTRUCTION & CONSULTANTS INC

ADJOINING PROPERTY FINDINGS

Date:	**11/15/2012**
Permit Type:	**Commercial**
Description:	**(10/57) PACIFIC PARK PLAZA OWNER, LLC - SUITE 1050 -- ALTERATION TO EXISTING TENANT SPACE**
Permit Description:	
Work Class:	OFFICE, 11 OR MORE STORIES
Proposed Use:	Office Building
Permit Number:	709017
Status:	Inspection(s) in Progress
Valuation:	$90,000.00
Contractor Company:	
Contractor Name:	KOKEA CONSTRUCTION & CONSULTANTS INC

Date:	**10/17/2012**
Permit Type:	**Commercial**
Description:	**(7/39) GEICO - INTERIOR ALTERATION TO GROUND THRU THIRD FLOOR OF EXISTING OFFICE BUILDING**
Permit Description:	
Work Class:	OFFICE, 11 OR MORE STORIES
Proposed Use:	Office Building
Permit Number:	702003
Status:	Permit application closed
Valuation:	$405,000.00
Contractor Company:	
Contractor Name:	KOKEA CONSTRUCTION & CONSULTANTS INC

ADJOINING PROPERTY FINDINGS

Date:	**2/6/2012**
Permit Type:	**Commercial**
Description:	**711 KAPIOLANI BLVD SUITE 1100 - LIBERTY MUTUAL - ALTERATIONS TO EXISTING TENANT SPACE. (2011/IBP06606)**
Permit Description:	
Work Class:	OFFICE, 11 OR MORE STORIES
Proposed Use:	Office Building
Permit Number:	683540
Status:	Permit application closed
Valuation:	$46,000.00
Contractor Company:	
Contractor Name:	KOKEA CONSTRUCTION & CONSULTANTS INC

Date:	**12/27/2011**
Permit Type:	**Commercial**
Description:	**711 KAPIOLANI BLVD SUITE 1100 / Liberty Mutual - New NEMA 16-30 receptacle for security system.**
Permit Description:	
Work Class:	OFFICE, 11 OR MORE STORIES
Proposed Use:	Office Building
Permit Number:	679070
Status:	Permit application closed
Valuation:	$2,327.00
Contractor Company:	
Contractor Name:	DANIEL K GIRLINGTON

ADJOINING PROPERTY FINDINGS

Date:	**3/25/2010**
Permit Type:	
Description:	**(BP #654402) [TMK: 21047001] GILFORD SATO & ASSOCIATES - INTERIOR ALTERATIONS TO EXISTING OFFICE SPACE (2010/IBP00707)**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	654402
Status:	Inspection(s) in Progress
Valuation:	$35,000.00
Contractor Company:	
Contractor Name:	KADOWAKI JAY INC

Date:	**2/17/2010**
Permit Type:	
Description:	**(BP #652921) [TMK: 21047001] Eaton Electronics - Interior alterations to an existing office space.**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	652921
Status:	Permit application closed
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	KOKEA CONSTRUCTION & CONSULTANTS INC ATTN: Richard Hue, President

ADJOINING PROPERTY FINDINGS

Date:	**2/17/2010**
Permit Type:	
Description:	**(BP #652909) [TMK: 21047001] 711 KAPIOLANI BLVD Suite 300 GEICO - Installation of new AC Unit for server unit. (2010/IBP00032)**
Permit Description:	
Work Class:	ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	652909
Status:	Permit application closed
Valuation:	$44,176.00
Contractor Company:	
Contractor Name:	ALAKA'I MECHANICAL CORP

Date:	**5/23/2008**
Permit Type:	
Description:	**(BP #627227) [TMK: 21047001] PACIFIC PARK PLAZA, SUITE 1480 / GILFORD SATO & ASSOCIATES, CPAS, INC --- INTERIOR ALTERATION TO AN EXISTING OFFICE**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	627227
Status:	Inspection(s) in Progress
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	KADOWAKI JAY INC

ADJOINING PROPERTY FINDINGS

Date:	**8/8/2007**
Permit Type:	
Description:	**(BP #615859) [TMK: 21047001] Office of Hawaiian Affairs - Install 220V receptacle in 5th floor computer room**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	615859
Status:	Permit application closed
Valuation:	$300.00
Contractor Company:	
Contractor Name:	NONE

Date:	**12/5/2006**
Permit Type:	
Description:	**(BP #605685) [TMK: 21047001] 8/19 LIBERTY MUTUAL @ PACIFIC PARK PLAZA SUITE 1100 - INTERIOR ALTERATION TO AN EXISTING OFFICE**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	605685
Status:	Permit application closed
Valuation:	$75,000.00
Contractor Company:	
Contractor Name:	KADOWAKI JAY INC

ADJOINING PROPERTY FINDINGS

Date: **9/27/2006**
Permit Type:
Description: **(BP #602584) [TMK: 21047001] HAWAIIANA MANAGEMENT CO. UNIT #625 - INTERIOR ELECTRICAL RENOVATION TO EXISTING OFFICE AREA.**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 602584
Status: Permit application closed
Valuation: $10,000.00
Contractor Company:
Contractor Name: NONE

Date: **5/15/2006**
Permit Type:
Description: **(BP #596533) [TMK: 21047001] 12/17 PACIFIC PARK PLAZA --- INTERIOR ALTERATION TO SUITE 1500**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 596533
Status: Permit application closed
Valuation: $87,000.00
Contractor Company:
Contractor Name: KADOWAKI JAY INC

ADJOINING PROPERTY FINDINGS

Date:	**3/15/2006**
Permit Type:	
Description:	**(BP #593675) [TMK: 21047001] GEICO DIRECT - INSTALL (3) 120 VOLT, 30 AMP CIRCUITS FOR COMPUTER BACK-UP EQUIPMENT FOR EX OFFICE**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	593675
Status:	Permit application closed
Valuation:	$800.00
Contractor Company:	
Contractor Name:	NONE

Date:	**2/23/2006**
Permit Type:	
Description:	**(BP #592684) [TMK: 21047001] PACIFIC PARK PLAZA, SUITE 500 / OFFICE OF HAWAIIAN AFFAIRS --- INTERIOR ALTERATION TO AN EXISTING OFFICE**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	592684
Status:	Permit application closed
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	KADOWAKI JAY INC

ADJOINING PROPERTY FINDINGS

Date:	**2/1/2005**
Permit Type:	
Description:	**(BP #576023) [TMK: 21047001] PACIFIC PARK PLAZA / SUITE 900 -- INTERIOR ALTERATION IN EXISTING SPACE FOR NEW TENANT**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	576023
Status:	Permit application closed
Valuation:	$44,000.00
Contractor Company:	
Contractor Name:	KADOWAKI JAY INC

Date:	**5/28/2004**
Permit Type:	
Description:	**(BP #566271) [TMK: 21047001] TRANSPACIFIC DEVELOPMENT COMPANY -- INTERIOR ALTERATIONS TO AN EXISTING OFFICE, INTERIOR PARTITIONS, FIRE SPRINKLER HEAD LOCATION MODIFICATION. ELECTRICAL POWER/LIGHTING MODIFICATIONS.**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	566271
Status:	Permit application closed
Valuation:	$12,000.00
Contractor Company:	
Contractor Name:	KADOWAKI JAY INC

ADJOINING PROPERTY FINDINGS

Date:	**4/22/2004**
Permit Type:	
Description:	**(BP #564230) [TMK: 21047001] 3/7 PACIFIC PARK PLAZA / SUITE 1000 -- INTERIOR ALTERATION IN EXISTING SPACE FOR NEW TENANT**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	564230
Status:	Permit application closed
Valuation:	$120,000.00
Contractor Company:	
Contractor Name:	KADOWAKI JAY INC

Date:	**12/18/2003**
Permit Type:	
Description:	**(BP #558934) [TMK: 21047001] HAWAIIANA MANAGEMENT, #100 and #700 - INTERIOR ALTERATIONS / NEW PARTITIONS**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	558934
Status:	Permit application closed
Valuation:	$1,000.00
Contractor Company:	
Contractor Name:	KAN BUILDERS LLC

ADJOINING PROPERTY FINDINGS

Date: **10/15/2003**
Permit Type:
Description: **(BP #555979) [TMK: 21047001] 8/64 DDC - City and County of Honolulu-Liquor Commission, 6th floor, renovation-Job VI-75-02-0 Gave Linda @ 6050 10/14/03**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 555979
Status: Permit application closed
Valuation: $100,000.00
Contractor Company:
Contractor Name: PRIME CONSTRUCTION INC.

Date: **9/19/2003**
Permit Type:
Description: **(BP #554957) [TMK: 21047001] CRAWFORD & COMPANY @ PACIFIC PARK PLAZA, SUITE 920 - Alteration of existing improved office space. Interior partitions, fire sprinkler modifications and electrical modifications.**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 554957
Status: Permit application closed
Valuation: $28,000.00
Contractor Company:
Contractor Name: KADOWAKI JAY INC

ADJOINING PROPERTY FINDINGS

Date: **5/30/2003**
Permit Type:
Description: **(BP #549528) [TMK: 21047001] HAWAIIANA MGT OFC - 1ST FLR / RELOCATION OF FIRE SPRINKLER HEADS**

Permit Description:
Work Class:
Proposed Use: 12 - Office Building
Permit Number: 549528
Status: Permit application closed
Valuation: $1,500.00
Contractor Company:
Contractor Name: NONE

Date: **2/20/2003**
Permit Type:
Description: **(BP #545356) [TMK: 21047001] GEICO DIRECT - INSTALL DEDICATED 20 AMP 120V CIRCUIT & RECEPT FOR THE COPY MACHINE**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 545356
Status: Permit application closed
Valuation: $380.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date:	**1/29/2003**
Permit Type:	
Description:	**(BP #544563) [TMK: 21047001] CONDO TECH, #700 - BRANCH CIRCUIT WIRING AND PANEL INSTALLATION**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	544563
Status:	Permit application closed
Valuation:	$5,343.00
Contractor Company:	
Contractor Name:	NONE

Date:	**9/30/2002**
Permit Type:	
Description:	**(BP #540210) [TMK: 21047001] TMS CURCI, INC---PACIFIC PARK PLAZA---GEICO DIRECT (TENANT) SUITE 260 & SUITE 300 **** ONE-TIME-REVIEW FOR INTERIOR RENOVATION*******
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	540210
Status:	Permit application closed
Valuation:	$170,000.00
Contractor Company:	
Contractor Name:	KADOWAKI JAY INC

ADJOINING PROPERTY FINDINGS

Date:	**8/8/2002**
Permit Type:	
Description:	**(BP #538058) [TMK: 21047001] Hawaiiana Group Inc. - Installation of (2) dedicated circuit for kitchen area and (3) dedicated circuit for equipment.**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	538058
Status:	Permit application closed
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	NONE

Date:	**11/16/2001**
Permit Type:	
Description:	**(BP #528567) [TMK: 21047001] LIBERTY MUTUAL GROUP, SUITE 1100 - interior renovation**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	528567
Status:	Permit application closed
Valuation:	$120,000.00
Contractor Company:	
Contractor Name:	KADOWAKI JAY INC

ADJOINING PROPERTY FINDINGS

Date: **10/25/2001**
Permit Type:
Description: **(BP #527750) [TMK: 21047001] KAISER FOUNDATION - 2ND FLR - INSTALL 1 POWER/TEL FOR ONE NEW MODULAR FURNITURE CUBICLE**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 527750
Status: Permit application closed
Valuation: $2,300.00
Contractor Company:
Contractor Name: NONE

Date: **10/9/2001**
Permit Type:
Description: **(BP #527076) [TMK: 21047001] CONDO TECH #701 / interior alteration**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 527076
Status: Permit application closed
Valuation: $4,000.00
Contractor Company:
Contractor Name: KAN BUILDERS LLC

Date: **7/3/2001**
Permit Type:
Description: **(BP #523334) [TMK: 21047001] DDC- C & C OF HNL-PACIFIC PARK PLAZA-9th floor renovations.**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 523334
Status: Permit application closed
Valuation: $24,000.00
Contractor Company:
Contractor Name: PRIME CONSTRUCTION INC.

ADJOINING PROPERTY FINDINGS

Date: **3/9/2001**
Permit Type:
Description: **(BP #519096) [TMK: 21047001] TRANSPACIFIC DEVELOPMENT COMPANY / INTERIOR ALTERATION IN EXISTING SPACE FOR NEW LASIK-VISION TREATMENT CENTER #1600**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 519096
Status: Permit application closed
Valuation: $220,000.00
Contractor Company:
Contractor Name: KADOWAKI JAY INC

Date: **7/13/2000**
Permit Type:
Description: **(BP #510743) [TMK: 21047001] GILFORD SATO & ASSOC., CPAS, INC. - INTERIOR ALTERATION**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 510743
Status: Permit application closed
Valuation: $20,000.00
Contractor Company:
Contractor Name: KADOWAKI JAY INC

ADJOINING PROPERTY FINDINGS

Date: **7/5/2000**
Permit Type:
Description: **(BP #510440) [TMK: 21047001] HAWAIIANA GROUP, INC / interior office alteration**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 510440
Status: Permit application closed
Valuation: $8,000.00
Contractor Company:
Contractor Name: KAN BUILDERS

Date: **2/24/2000**
Permit Type:
Description: **(BP #505301) [TMK: 21047001] ALTRES - ADD 3 OUTLETS IN EXISTING OFFICE SPACE**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 505301
Status: Permit application closed
Valuation: $500.00
Contractor Company:
Contractor Name: NONE

Date: **10/26/1999**
Permit Type:
Description: **(BP #501228) CONDO TECH - DEMO 4 NON-BEARING PARTITIONS & INSTALL NEW ELEC OUTLETS**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 501228
Status: Permit application closed
Valuation: $12,000.00
Contractor Company:
Contractor Name: KAN BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **10/20/1999**
Permit Type:
Description: **(BP #501015) [TMK 21047001] NIPPON TRAVEL AGENCY -- AL,EL,PL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 501015
Status: Permit application closed
Valuation: $20,000.00
Contractor Company:
Contractor Name: KADOWAKI JAY INC

Date: **10/20/1999**
Permit Type:
Description: **(BP #501063) [TMK 21047001] Interior Revovation for Unisys**

Permit Description:
Work Class: ALTERATION, DEMOLITION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 501063
Status: Permit application closed
Valuation: $6,000.00
Contractor Company:
Contractor Name: KADOWAKI JAY INC

Date: **4/7/1999**
Permit Type:
Description: **CRAWFORD & CO - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 429579
Status: Completed
Valuation: $2,000.00
Contractor Company:
Contractor Name: J KADOWAKI INC

ADJOINING PROPERTY FINDINGS

Date: **3/10/1998**
Permit Type:
Description: **PACIFIC PARK PLAZA - RP**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: REPAIR
Proposed Use: 12 - Office Building
Permit Number: 414715
Status: Completed
Valuation: $73,150.00
Contractor Company:
Contractor Name: KALU GLASS CO INC

Date: **2/5/1998**
Permit Type:
Description: **TDC HAWAII LTD - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 413390
Status: Completed
Valuation: $1,750.00
Contractor Company:
Contractor Name:

Date: **11/18/1997**
Permit Type:
Description: **KQMQ #1193 - AL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, PLUMBING WORK, OTHER WORK
Proposed Use: 12 - Office Building
Permit Number: 410664
Status: Completed
Valuation: $6,400.00
Contractor Company:
Contractor Name: GORDON LEE

ADJOINING PROPERTY FINDINGS

Date: **5/22/1997**
Permit Type:
Description: **TMS CO, 8TH FLR - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 403160
Status: Completed
Valuation: $1,000.00
Contractor Company:
Contractor Name:

Date: **9/24/1996**
Permit Type:
Description: **KQMQ - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 394380
Status: Completed
Valuation: $1,000.00
Contractor Company:
Contractor Name: GORDON LEE

Date: **9/20/1996**
Permit Type:
Description: **UNISYS - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 394224
Status: Completed
Valuation: $40,000.00
Contractor Company:
Contractor Name: J KADOWAKI INC

ADJOINING PROPERTY FINDINGS

Date: **8/13/1996**
Permit Type:
Description: **TDC - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 392577
Status: Completed
Valuation: $55,000.00
Contractor Company:
Contractor Name: J KADOWAKI INC

Date: **8/12/1996**
Permit Type:
Description: **HAWN MGMT 7TH FL - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 392529
Status: Completed
Valuation: $12,000.00
Contractor Company:
Contractor Name: KAN BUILDERS

Date: **6/18/1996**
Permit Type:
Description: **TMS CO/RETROFIT - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 389882
Status: Completed
Valuation: $10,346.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **1/24/1996**
Permit Type:
Description: **SOH/NARCOTICS ENF DV - AL,EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 13 - Public Building
Permit Number: 382709
Status: Completed
Valuation: $5,000.00
Contractor Company:
Contractor Name: J KADOWAKI INC

Date: **1/16/1996**
Permit Type:
Description: **GTE #670 - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 382363
Status: Completed
Valuation: $3,000.00
Contractor Company:
Contractor Name: J KADOWAKI INC

Date: **11/9/1995**
Permit Type:
Description: **PAC PARK PLAZA - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 379481
Status: Completed
Valuation: $1,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **9/6/1995**
Permit Type:
Description: **KAISER HDQTRS - AL,EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 376394
Status: Completed
Valuation: $23,500.00
Contractor Company:
Contractor Name: PACIFICA DOOR SERVICE

Date: **6/19/1995**
Permit Type:
Description: **LIQUOR COMMISSION - RP,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: REPAIR, OTHER WORK
Proposed Use: 12 - Office Building
Permit Number: 371172
Status: Completed
Valuation: $9,289.00
Contractor Company:
Contractor Name: ACZON CONSTRUCTION LTD

Date: **3/28/1995**
Permit Type:
Description: **GTE OFFICES - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 367270
Status: Completed
Valuation: $2,750.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **2/8/1995**
Permit Type:
Description: **NIPPON TRAVEL AGENCY - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 365120
Status: Completed
Valuation: $75,000.00
Contractor Company:
Contractor Name: KNK CONST

Date: **10/5/1994**
Permit Type:
Description: **KJPN-ANTENNA - OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: OTHER WORK
Proposed Use: 12 - Office Building
Permit Number: 359253
Status: Completed
Valuation: $5,000.00
Contractor Company:
Contractor Name: MUTUAL WELDING CO LTD

Date: **9/28/1994**
Permit Type:
Description: **ALL STATE INSURANCE - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 358938
Status: Completed
Valuation: $1,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **8/2/1994**
Permit Type:
Description: **PAC PARK PLAZA - AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 356093
Status: Completed
Valuation: $70,000.00
Contractor Company:
Contractor Name: CITY & COUNTY OF HONOLULU

Date: **2/9/1994**
Permit Type:
Description: **CRAWFORD & CO - AD,AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ADDITION, ALTERATION, ELECTRICAL WORK, PLUMBING WO
Proposed Use: 12 - Office Building
Permit Number: 348323
Status: Completed
Valuation: $20,000.00
Contractor Company:
Contractor Name: AT & I INC

Date: **12/3/1993**
Permit Type:
Description: **KAISER PERMANENTE - AL,EL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, OTHER WORK
Proposed Use: 12 - Office Building
Permit Number: 345553
Status: Completed
Valuation: $10,000.00
Contractor Company:
Contractor Name: RAM CORP

ADJOINING PROPERTY FINDINGS

Date: **11/12/1993**
Permit Type:
Description: **WANG LAB - AD,EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ADDITION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 344654
Status: Completed
Valuation: $34,000.00
Contractor Company:
Contractor Name: ALLIED BLDRS

Date: **8/25/1993**
Permit Type:
Description: **KAISER PERMANENTE - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 340488
Status: Completed
Valuation: $5,000.00
Contractor Company:
Contractor Name: ALLIED BUILDING SYSTEM

Date: **7/20/1992**
Permit Type:
Description: **ALLSTATE INSURANCE - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 321656
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **5/26/1992**
Permit Type:
Description: **CRAWFORD RISK MGMT - AL,EL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, OTHER WORK
Proposed Use: 12 - Office Building
Permit Number: 318930
Status: Completed
Valuation: $49,000.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

Date: **3/9/1992**
Permit Type:
Description: **C & C BLDG DEPT - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 315325
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **11/27/1991**
Permit Type:
Description: **MALAYSIA AIRLINE SYS - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 310796
Status: Completed
Valuation: $38,400.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **10/4/1991**
Permit Type:
Description: **DOW ELANCO - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 308479
Status: Completed
Valuation: $19,200.00
Contractor Company:
Contractor Name: ALLIED BLDRS

Date: **10/4/1991**
Permit Type:
Description: **LABOR SVCS II - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 308481
Status: Completed
Valuation: $40,000.00
Contractor Company:
Contractor Name: ALLIED BLDRS

Date: **10/4/1991**
Permit Type:
Description: **CRAWFORD RISK MGT SV - EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK, PLUMBING WORK, OTHER WORK
Proposed Use: 12 - Office Building
Permit Number: 308482
Status: Completed
Valuation: $143,000.00
Contractor Company:
Contractor Name: ALLIED BLDRS

ADJOINING PROPERTY FINDINGS

Date: **9/23/1991**
Permit Type:
Description: **TMS CO - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 307958
Status: Completed
Valuation: $69,740.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

Date: **9/23/1991**
Permit Type:
Description: **TMS CO - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 307959
Status: Completed
Valuation: $32,000.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

Date: **7/12/1991**
Permit Type:
Description: **PICHTR - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 304843
Status: Completed
Valuation: $38,400.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **7/12/1991**
Permit Type:
Description: **ORIX HAWAII INC - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 304844
Status: Completed
Valuation: $23,160.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

Date: **5/3/1991**
Permit Type:
Description: **WANG LABORATORIES - AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 301640
Status: Completed
Valuation: $80,000.00
Contractor Company:
Contractor Name: RAM CORP.

Date: **12/28/1990**
Permit Type:
Description: **HOYU - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 296288
Status: Completed
Valuation: $38,760.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **12/14/1990**
Permit Type:
Description: **TMS 12TH FLOOR - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 295757
Status: Completed
Valuation: $101,000.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

Date: **12/14/1990**
Permit Type:
Description: **SPEC 103 - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 295758
Status: Completed
Valuation: $12,200.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

Date: **12/7/1990**
Permit Type:
Description: **LABOR SVCES INC I - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 295315
Status: Completed
Valuation: $109,000.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **8/3/1990**
Permit Type:
Description: **TMS CO - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 289528
Status: Completed
Valuation: $73,000.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

Date: **7/12/1990**
Permit Type:
Description: **PACIFIC PARK PLAZA - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 288251
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **7/12/1990**
Permit Type:
Description: **PACIFIC PARK PLAZA - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 288257
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **7/12/1990**
Permit Type:
Description: **PACIFIC PARK PLAZA - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 288259
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **7/12/1990**
Permit Type:
Description: **PACIFIC PARK PLAZA - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 288260
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **7/12/1990**
Permit Type:
Description: **PACIFIC PARK PLAZA - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 288252
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **7/12/1990**
Permit Type:
Description: **PACIFIC PARK PLAZA - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 288253
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **7/12/1990**
Permit Type:
Description: **PACIFIC PARK PLAZA - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 288254
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **7/12/1990**
Permit Type:
Description: **PACIFIC PARK PLAZA - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 288255
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **7/12/1990**
Permit Type:
Description: **PACIFIC PARK PLAZA - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 288256
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **4/5/1990**
Permit Type:
Description: **MCDONALDS REGIONAL - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 283507
Status: Completed
Valuation: $378,640.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

Date: **4/3/1990**
Permit Type:
Description: **PICHTR OFFICE - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 283361
Status: Completed
Valuation: $226,660.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **3/2/1990**
Permit Type:
Description: **CC LIQUOR COMMISSION - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 281773
Status: Completed
Valuation: $136,000.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

Date: **10/17/1989**
Permit Type:
Description: **GTE - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 276576
Status: Completed
Valuation: $35,000.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

Date: **9/25/1989**
Permit Type:
Description: **PACIFIC VIDEO ENTERT - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 275684
Status: Completed
Valuation: $48,000.00
Contractor Company:
Contractor Name: ALLIED BLDRS

ADJOINING PROPERTY FINDINGS

Date: **9/13/1989**
Permit Type:
Description: **NIPPON TRAVEL AGENCY - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 274880
Status: Completed
Valuation: $190,000.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

Date: **9/12/1989**
Permit Type:
Description: **PROMANA INC - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 274829
Status: Completed
Valuation: $60,000.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

Date: **8/9/1989**
Permit Type:
Description: **WANG LABORATORIES - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 273466
Status: Completed
Valuation: $420,000.00
Contractor Company:
Contractor Name: ALLIED BUILDERS

ADJOINING PROPERTY FINDINGS

Date:	**4/12/1989**
Permit Type:	
Description:	**PACIFIC PARK PLAZA - AL,EL,PL,OT**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use:	12 - Office Building
Permit Number:	267886
Status:	Completed
Valuation:	$273,000.00
Contractor Company:	
Contractor Name:	ALLIED BLDRS

725 KAPIOLANI BLVD

Date:	**7/16/2014**
Permit Type:	**Commercial**
Description:	**725 KAPIOLANI BLVD SUITE C-125 // CAFE GRACE-STACY KIM - ALTERATION TO EXISTING SPACE.**
Permit Description:	
Work Class:	RESTAURANTS,DRIVE-IN,BAR,LAUNDERETTE,ETC
Proposed Use:	Other non residential
Permit Number:	750822
Status:	Inspection(s) in Progress
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	T J J J CORP

ADJOINING PROPERTY FINDINGS

Date: **5/27/2014**
Permit Type: **Commercial**
Description: **SMYTH Residence @ Imperial Plaza, Unit 2202 -- Renovation on Ex. kitchen.**

Permit Description:
Work Class: APARTMENT (3 OR MORE)
Proposed Use: Apartment
Permit Number: 748243
Status: Inspection(s) in Progress
Valuation: $20,000.00
Contractor Company:
Contractor Name: Nakasato Contracting LLC

Date: **2/28/2014**
Permit Type: **Commercial**
Description: **SUITE C-400 // WCIT Architecture - OFFICE RENOVATION [THIRD PARTY REVIEW]**

Permit Description:
Work Class: OFFICE, 11 OR MORE STORIES
Proposed Use: Office Building
Permit Number: 743563
Status: Inspection(s) in Progress
Valuation: $25,000.00
Contractor Company:
Contractor Name: Jen Construction, LLC

Date: **2/24/2014**
Permit Type: **Commercial**
Description: **725 KAPIOLANI BLVD, UNIT # 3701 // BURGESS Residence - Alteration to ex condo.**

Permit Description:
Work Class: APARTMENT (3 OR MORE)
Proposed Use: Apartment
Permit Number: 743285
Status: Inspection(s) in Progress
Valuation: $25,000.00
Contractor Company:
Contractor Name: Mokulua Woodworking LTD

ADJOINING PROPERTY FINDINGS

Date:	**11/14/2013**
Permit Type:	**Commercial**
Description:	**725 KAPIOLANI BLVD UNIT C122 // Imperial Sushiman & Minimart @ Imperial Plaza -- Alteration to existing tenant space**
Permit Description:	
Work Class:	RESTAURANTS,DRIVE-IN,BAR,LAUNDERETTE,ETC
Proposed Use:	Office Building
Permit Number:	737275
Status:	Inspection(s) in Progress
Valuation:	$35,000.00
Contractor Company:	
Contractor Name:	The KNK Construction Co.

Date:	**9/23/2013**
Permit Type:	**Commercial**
Description:	**725 KAPIOLANI BLVD UNIT#3903 // BAPTISTE RESIDENCE - Interior alteration to ex unit.**
Permit Description:	
Work Class:	APARTMENT (3 OR MORE)
Proposed Use:	Apartment
Permit Number:	731341
Status:	Permit application closed
Valuation:	$6,000.00
Contractor Company:	
Contractor Name:	TK Construction

ADJOINING PROPERTY FINDINGS

Date:	**9/9/2013**
Permit Type:	**Commercial**
Description:	**(3/23) SUITE C-103 / Harris Physical Therapy Clinic - New tenant improvement and nonstructural painting**
Permit Description:	
Work Class:	OFFICE, 1 TO 3 STORIES
Proposed Use:	Office Building
Permit Number:	731983
Status:	Inspection(s) in Progress
Valuation:	$100,000.00
Contractor Company:	
Contractor Name:	REEDESIGN BUILDERS I

Date:	**2/8/2013**
Permit Type:	**Commercial**
Description:	**UNIT #2802 / SHIRBISH RESIDENCE - INTERIOR ALTERATION TO EXISTING APARTMENT UNIT #2802; KITCHEN RENOVATION**
Permit Description:	
Work Class:	APARTMENT (3 OR MORE)
Proposed Use:	Apartment
Permit Number:	705186
Status:	Permit application closed
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	ZYBUILDERS CORPORATION

ADJOINING PROPERTY FINDINGS

Date:	**11/26/2012**
Permit Type:	**Commercial**
Description:	**SPACE #C-400 & 401 / BRICK HOUSE, INC - INTERIOR ALTERATION TO EXISTING OFFICE SPACE #C-400 & 401**

Permit Description:	
Work Class:	OFFICE, 11 OR MORE STORIES
Proposed Use:	Office Building
Permit Number:	709850
Status:	Inspection(s) in Progress
Valuation:	$10,400.00
Contractor Company:	
Contractor Name:	KADOWAKI JAY INC

Date:	**10/29/2012**
Permit Type:	**Commercial**
Description:	**725 KAPIOLANI BLVD #1902 - JURINKA - ALTERATION TO EX UNIT -- KITCHEN ONLY**

Permit Description:	
Work Class:	APARTMENT (3 OR MORE)
Proposed Use:	Apartment
Permit Number:	707092
Status:	Inspection(s) in Progress
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	SHAWN M K HEPFNER

Date:	**9/14/2012**
Permit Type:	**Residential**
Description:	**3/32 The Imperial Plaza - Installation of firestop in existing 40 story tower**

Permit Description:	
Work Class:	APARTMENT (3 OR MORE)
Proposed Use:	Apartment
Permit Number:	670340
Status:	Permit application closed
Valuation:	$1,856,435.00
Contractor Company:	
Contractor Name:	Phoenix Renovation Corp. dba Sagewater

ADJOINING PROPERTY FINDINGS

Date:	**9/14/2012**
Permit Type:	**Commercial**
Description:	**(5/69) 725 KAPIOLANI BLVD (Flrs 6-12,14,15) IMPERIAL PLAZA AOAO -- Installation of curtainwall firestop at townhouse section (2012/IBP06042)**
Permit Description:	
Work Class:	APARTMENT (3 OR MORE)
Proposed Use:	Apartment
Permit Number:	696121
Status:	Permit application closed
Valuation:	$80,000.00
Contractor Company:	
Contractor Name:	Phoenix Renovation Corp.

Date:	**6/13/2012**
Permit Type:	**Commercial**
Description:	**(10/68) 725 KAPIOLANI BLVD, 4th floor - Imperial Plaza - Replacement of concrete slab -- --- 5/24/12 APPROVED REVD DWGS SHOWING NEW STEPS SEE SHT S1.01 W/BP# 683262/A**
Permit Description:	
Work Class:	OFFICE, 11 OR MORE STORIES
Proposed Use:	Office Building
Permit Number:	683262
Status:	Permit application closed
Valuation:	$825,000.00
Contractor Company:	
Contractor Name:	PORTER CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **5/17/2012**
Permit Type: **Commercial**
Description: **11/36 Imperial Plaza - FIRE ALARM PANEL REPLACEMENT (2010/IBP05716)**

Permit Description:
Work Class: ELECTRICAL
Proposed Use: Hotel
Permit Number: 670427
Status: Permit application closed
Valuation: $58,159.22
Contractor Company:
Contractor Name: NONE

Date: **3/30/2012**
Permit Type: **Commercial**
Description: **(11/25) 725 KAPIOLANI BLVD [Fourth Floor] // WCIT Office Renovation - Interior alterations to existing office space**

Permit Description:
Work Class: 2 TO 3 STORY W/ RESIDENCE ABOVE
Proposed Use: Office Building
Permit Number: 689015
Status: Inspection(s) in Progress
Valuation: $400,000.00
Contractor Company:
Contractor Name: KADOWAKI JAY INC

Date: **2/8/2012**
Permit Type: **Commercial**
Description: **(12/34) 725 KAPIOLANI BLVD SUITE C-400 - WCIT Architecture - Interior Demolition**

Permit Description:
Work Class: OFFICE, 11 OR MORE STORIES
Proposed Use: Office Building
Permit Number: 686013
Status: Inspection(s) in Progress
Valuation: $50,000.00
Contractor Company:
Contractor Name: KADOWAKI JAY INC

ADJOINING PROPERTY FINDINGS

Date:	**12/22/2011**
Permit Type:	**Residential**
Description:	**5/14 725 KAPIOLANI BLVD #3002 - JOHN AND PAM WOOD -- ALTERATION TO AN EXISTING UNIT - Interior Alterations (Kitchen and Master Bath Renovation. (2011/IBP04183)**
Permit Description:	
Work Class:	APARTMENT (3 OR MORE)
Proposed Use:	Apartment
Permit Number:	676339
Status:	Permit application closed
Valuation:	$80,000.00
Contractor Company:	
Contractor Name:	ASSOCIATED BUILDING

Date:	**8/3/2011**
Permit Type:	**Commercial**
Description:	**TAMURA & COMPANY, CPA C/O DAVE TAMURA @ IMPERIAL PLAZA #C116 - INTERIOR ALTERATION TO EX TENANT SPACECHANGE OF OCCUPANCY FROM RETAIL TO BUSINESS**
Permit Description:	
Work Class:	OFFICE, 11 OR MORE STORIES
Proposed Use:	Office Building
Permit Number:	672771
Status:	Permit application closed
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	S TANAKA LLC

ADJOINING PROPERTY FINDINGS

Date:	**2/1/2011**
Permit Type:	**Commercial**
Description:	**A LITTLE BIT OF EVERYTHING - 725 KAPIOLANI BLVD UNIT C-111 - INTERIOR ALTERATION TO EXISTING RETAIL SPACE**
Permit Description:	
Work Class:	2 TO 3 STORY W/ RESIDENCE ABOVE
Proposed Use:	Office Building
Permit Number:	666823
Status:	Permit application closed
Valuation:	$3,500.00
Contractor Company:	
Contractor Name:	HEEIA CONSTRUCTION C

Date:	**11/10/2010**
Permit Type:	
Description:	**(BP #663689) [TMK: 21049027] GARRETT GRACE & LINDA ANZAI - ELECTRICAL ONLY - LOWER ELECTRICAL PANEL TO 18" ABOVE FLOOR LINE IN KITCHEN. (2010/IBP11187)**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	3 - Apartment
Permit Number:	663689
Status:	Inspection(s) in Progress
Valuation:	$600.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

Date:	**3/8/2010**
Permit Type:	
Description:	**(BP #653693) [TMK: 21049027] WALTER HORIKOSHI -- 725 KAPIOLANI BLVD #2604 -- INTERIOR ALTERATION / RENOVATION TO AN EXISTING APARTMENT. (new cabinets, remove wingwall to counter ht.recess lighting overhead move plug to the wall) (2010/ibp01129) - Building Permit**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	3 - Apartment
Permit Number:	653693
Status:	Permit application closed
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	C & E CONSTRUCTION INC

Date:	**1/28/2010**
Permit Type:	
Description:	**(BP #652139) [TMK: 21049027] 725 KAPIOLANI BLVD #C-119A - JOHN LE -- Interior Alteration to existing space for a nail salon (2009/IBP11258)**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	19 - Other non residential
Permit Number:	652139
Status:	Inspection(s) in Progress
Valuation:	$28,000.00
Contractor Company:	
Contractor Name:	DOMINIQUE T NGUYEN

ADJOINING PROPERTY FINDINGS

Date:	**10/29/2009**
Permit Type:	
Description:	**(BP #648591) [TMK: 21049027] AN LIN DO HERBAL & ACCUPUNCTURE SPA - UNIT C304 - TENANT IMPROVEMENT WORK IN AN EXISTING OFFICE SPACE (2009/IBP08557)**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	19 - Other non residential
Permit Number:	648591
Status:	Permit application closed
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	Contech Engineering Inc c/o Jonathan Lin

Date:	**12/17/2008**
Permit Type:	
Description:	**(BP #636373) [TMK: 21049027] LUXURY EXCHANGE - Demolition of partition (2008/IBP10090)**
Permit Description:	
Work Class:	DEMOLITION
Proposed Use:	18 - Store
Permit Number:	636373
Status:	Permit application closed
Valuation:	$850.00
Contractor Company:	
Contractor Name:	CJ Builders

ADJOINING PROPERTY FINDINGS

Date: **2/29/2008**
Permit Type:
Description: **(BP #623676) [TMK: 21049027] 725 KAPIOLANI BLVD #3102 -- MIKE KUHL -- EXTEND EXISTING OUTLET 4' WITH CONDUIT EXTERNAL ON DRYWALL (2008/IBP1611)**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 3 - Apartment
Permit Number: 623676
Status: Permit application closed
Valuation: $300.00
Contractor Company:
Contractor Name: NONE

Date: **2/15/2008**
Permit Type:
Description: **(BP #623155) [TMK: 21049027] THE IMPERIAL PLAZA -- REPLACE OLD EXHAUST FAN WITH NEW (SAME MODEL AND MANUFACTURER) AAF TYPE "W" ROTOCLONE SIZE 33, 25 HP MOTOR 460V / 3 PH / 60 HZ, 12,000 CFM AT 3" S.P.**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 623155
Status: Permit application closed
Valuation: $120,000.00
Contractor Company:
Contractor Name: HBM ACQUISITIONS LLC

ADJOINING PROPERTY FINDINGS

Date:	**9/11/2007**
Permit Type:	
Description:	**(BP #617213) [TMK: 21049027, 21049051] 1/51 SONNY HO - INTERIOR ALTERATION TO EX PENTHOUSE CONDO -- 5/14/ RECEIVED REVISED PLANS TO RELOCATE BATHROOM & ADD NEW PNEUMATIC VACUUM ELEVATOR IN PLACE OF INTERIOR STAIRS**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	617213
Status:	Inspection(s) in Progress
Valuation:	$150,000.00
Contractor Company:	
Contractor Name:	RYAN S MCGARRY

Date:	**6/13/2007**
Permit Type:	
Description:	**(BP #613687) [TMK: 21049027] IMPERIAL NAIL SALON, -- 725 KAPIOLANI BLVD. UNIT C-111 - NEW TENANT INTERIOR ALTERATIONS.**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	613687
Status:	Permit revoked
Valuation:	$18,000.00
Contractor Company:	
Contractor Name:	DOMINIQUE T NGUYEN

ADJOINING PROPERTY FINDINGS

Date: **5/16/2007**
Permit Type:
Description: **(BP #612497) ON-LINE PERMIT [TMK: 21049027] BRETSCHNEIDER, JOANNE AND STEVE - Electrical Rewiring. No additional circuits or relocation of wiring.**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 1 - Single Family
Permit Number: 612497
Status: Permit application closed
Valuation: $8,000.00
Contractor Company:
Contractor Name: NONE

Date: **2/14/2007**
Permit Type:
Description: **(BP #608708) [TMK: 21049027] IRIDESCENT -- SPACE #C-116 -- INTERIOR ALTERATON TO EXISTING TENANT SPACE**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 608708
Status: Permit application closed
Valuation: $34,000.00
Contractor Company:
Contractor Name: GON ENTERPRISES

ADJOINING PROPERTY FINDINGS

Date:	**12/8/2006**
Permit Type:	
Description:	**(BP #605855) [TMK: 21049027] 725 KAPIOLANI BLVD #C306 ** DR. BRAD LEE -- INTERIOR ALTERATION TO AN EXISTING OFFICE [THIRD PARTY REVIEW]**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	605855
Status:	Permit application closed
Valuation:	$150,000.00
Contractor Company:	
Contractor Name:	RANDALL INDUSTRIES I P.O. Box 235852, Honolulu, HI 96823-3514

Date:	**11/27/2006**
Permit Type:	
Description:	**(BP #605285) [TMK: 21049027] [NINE O NINE - ELECTRICAL WIRING FOR NEW WALL SIGN**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	13 - Public Building
Permit Number:	605285
Status:	Permit application closed
Valuation:	$500.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

Date:	**8/7/2006**
Permit Type:	
Description:	**(BP #600312) [TMK: 21049027] [TMK: 21049027] DIGITAL MEDIUMS - TENANT IMPROVEMENTS, INTERIOR ALTERATION TO SUITE C-205 ***REVISED PLANS TO REMOVE PLUMBING WORK APPROVED - 12/04/06 - BP#600312/A*** -- 7/23/07 PER CONTRACTORS LETTER TO CHANGE ELECTRICIAN FROM UNITED ELEC SVC TO C&C ELEC CONTRACTOR**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	600312
Status:	Permit application closed
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	INNOVATIVE CONSTRUCTORS HAWAII LTD

Date:	**7/18/2006**
Permit Type:	
Description:	**(BP #599327) [TMK: 21049027] Lee & Allyson Stebbins, #2903 - Kitchen remodel-relocate electrical panel and branch circuit wiring, 2006/IBP0766**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	599327
Status:	Permit application closed
Valuation:	$25,000.00
Contractor Company:	
Contractor Name:	Stebbins, Lee & Allyson A.

ADJOINING PROPERTY FINDINGS

Date: **6/14/2006**
Permit Type:
Description: **(BP #597861) [TMK: 21049027] 5/56 SEAWIND TOURS & TRAVEL AT IMPERIAL PLAZA/ UNIT C- 301 -- NEW TENANT IMPROVEMENT**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 597861
Status: Permit application closed
Valuation: $50,000.00
Contractor Company:
Contractor Name: BRETT HILL CONSTRUCTION

Date: **5/19/2006**
Permit Type:
Description: **(BP #596769) [TMK: 21049027] BOWIE C.W. HOR #C-121 - RELOCATE INTERIOR ELEC. OUTLETS & SWITCHES.**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 596769
Status: Permit application closed
Valuation: $500.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date:	**4/4/2006**
Permit Type:	
Description:	**(BP #594659) [TMK: 21049027] The Imperial Plaza - New parking lot security grille, new CMU columns, new fence, new gates, and new awning.**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	8 - Garage (public)
Permit Number:	594659
Status:	Permit application closed
Valuation:	$102,653.00
Contractor Company:	
Contractor Name:	UNICCO SERVICE COMPA

Date:	**1/11/2006**
Permit Type:	
Description:	**(BP #590719) [TMK: 21049027] 10/13 Iseri Residence (SUITE 3804) - INTERIOR RENOVATION AT PENTHOUSE (THIRD PARTY REVIEW FOR STRUCTURAL CODE ONLY)**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	3 - Apartment
Permit Number:	590719
Status:	Permit application closed
Valuation:	$200,000.00
Contractor Company:	
Contractor Name:	ISERI, ALLEN & PATTI

ADJOINING PROPERTY FINDINGS

Date: **11/25/2005**
Permit Type:
Description: **(BP #589071) [TMK: 21049027] 8/83 BEST ALOHA PARTNERS, LLC. / IMPERIAL PLAZA CONDOMINIUM - INTERIOR ALTERATION OF UNIT #3704 - 1/15/06 REMOVE M & M ELECTRIC**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 3 - Apartment
Permit Number: 589071
Status: Permit application closed
Valuation: $100,000.00
Contractor Company:
Contractor Name: NANCY ELVIRA LO NANCY ELVIRA LO

Date: **9/1/2005**
Permit Type:
Description: **(BP #585202) [TMK: 21049027] LINDA ANZAI, UNIT 3302 IMPERIAL PLAZA CONDOMINIUM --- RELOVATE/LOWER IN-HOUSE ELECTRICAL BREAKER PANEL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 3 - Apartment
Permit Number: 585202
Status: Permit application closed
Valuation: $900.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date:	**8/16/2005**
Permit Type:	
Description:	**(BP #584436) [TMK: 21049027] NELLI HUGH YUNG RESIDENCE @ THE IMPERIAL PLAZA UNIT 3703 - INTERIOR ALTERATIONS, RENOVATE EXISTING TWO LEVEL UNIT WITH ELECTRICAL AND PLUMBING**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	584436
Status:	Permit application closed
Valuation:	$28,080.00
Contractor Company:	
Contractor Name:	NELLI HUGH YUNG

Date:	**8/12/2005**
Permit Type:	
Description:	**(BP #584279) [TMK: 21049027] RESIDENCE FOR LAVA VENTURE GROUP L.P. / THE IMPERIAL PLAZA - INTERIOR ALTERATION OF SUITE # 3903, waiting for contractor's statement for fire sprinkler, Frank's box**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	584279
Status:	Permit application closed
Valuation:	$40,000.00
Contractor Company:	
Contractor Name:	Pham & Associates Attn: David X. P. Pham

ADJOINING PROPERTY FINDINGS

Date: **7/21/2005**
Permit Type:
Description: **(BP #583234) [TMK: 21049027] GARY ASHIKAWA --- INTERIOR ALTERATION SUITE #C-302**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 583234
Status: Permit application closed
Valuation: $45,000.00
Contractor Company:
Contractor Name: Nakagawa, Eugene

Date: **5/9/2005**
Permit Type:
Description: **(BP #579937) [TMK: 21049027] 1/50 ERIC SUN RESIDENCE @ THE IMPERIAL PLAZA UNIT 3602 - INTERIOR ALTERATIONS, RENOVATE EXISTING LOFT SPACE, additional plumbing contractor for phase 4a 08/16/05 REMOVE SCHENK'S ELEC. TO C&N ELEC PER LETTER FROM OWNER --8/17/05 REVISED DRAWING APPROVED FOR ELECTRICAL PANELS TO BE ELECTRICAL ROOM---BP#579937/A**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 3 - Apartment
Permit Number: 579937
Status: Permit application closed
Valuation: $80,000.00
Contractor Company:
Contractor Name: Pham & Associates Attn: David X. P. Pham

ADJOINING PROPERTY FINDINGS

Date:	**10/19/2004**
Permit Type:	
Description:	**(BP #572242) [TMK: 21049027] BRUCE LEE UNIT# 3504 - IMPERIAL PLAZA-INTERIOR IMPROVEMENTS 9/60**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	572242
Status:	Permit application closed
Valuation:	$80,000.00
Contractor Company:	
Contractor Name:	LEE, BRUCE

Date:	**9/22/2004**
Permit Type:	
Description:	**(BP #571105) [TMK: 21049027, 21049051] HEALTH RESOURCES PH II AT IMPERIAL PLAZA, #C303 - INTERIOR ALTERATION 5/84**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	3 - Apartment
Permit Number:	571105
Status:	Permit application closed
Valuation:	$50,000.00
Contractor Company:	
Contractor Name:	D C N CONTRACTING INC Attn: Dennis T. Nishiguchi

ADJOINING PROPERTY FINDINGS

Date:	**8/16/2004**
Permit Type:	
Description:	**(BP #569666) [TMK: 21049027] PAK JUN - PAK JUN'S BEAUTY SALON - ALTERATION OF EXISTING TENANT SPACE TO NEW BEAUTY SALON. INSTALL NEW (2) SINKS.**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	569666
Status:	Permit application closed
Valuation:	$20,000.00
Contractor Company:	
Contractor Name:	IC CONSTRUCTION

Date:	**7/9/2004**
Permit Type:	
Description:	**(BP #568191) [TMK: 21049027] IMPERIAL TECHNOLOGY CORPORATION - INTERIOR IMPROVEMENTS TO NEW INTERNET CAFE, ALTERATION, ELECTRICAL AND PLUMBING.**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	568191
Status:	Permit application closed
Valuation:	$11,000.00
Contractor Company:	
Contractor Name:	MK PACIFIC CONSTRUCTION, John Kan

ADJOINING PROPERTY FINDINGS

Date:	**2/17/2004**
Permit Type:	
Description:	**(BP #561295) [TMK: 21049027, 21049051] OBAYASHI HAWAII - INTERIOR ALTERATIONS TO SUITE 402**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	561295
Status:	Permit application closed
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	MOUSE BUILDERS INC C/O Ron Robinson

Date:	**12/17/2003**
Permit Type:	
Description:	**(BP #558902) [TMK: 21049027] GEORGE NABESHIMA @ IMPERIAL PLAZA - NEW OFFICE SPACE ALTERATIONS, PLUMBING ANDD ELECTRICAL.**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	558902
Status:	Permit application closed
Valuation:	$48,000.00
Contractor Company:	
Contractor Name:	WILLIAM L GACUTAN DBA WLG ENTERPRISES

ADJOINING PROPERTY FINDINGS

Date:	**12/11/2003**
Permit Type:	
Description:	**(BP #558598) [TMK: 21049027, 21049051] ALL STATE INSURANCE / SHAWN NAKANO - TENANT IMPROVEMENTS, SUITE 304**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	558598
Status:	Permit application closed
Valuation:	$25,000.00
Contractor Company:	
Contractor Name:	CHRISCONTRACT, INC.

Date:	**6/30/2003**
Permit Type:	
Description:	**(BP #551202) [TMK: 21049027,21049051] HEALTH RESOURCES, #210/C - INTERIOR ALTERATION**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	551202
Status:	Permit application closed
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	RAMOS NATHAN P K JR

ADJOINING PROPERTY FINDINGS

Date:	**6/13/2003**
Permit Type:	
Description:	**(BP #550285) [TMK: 21049027,21049051] IMPERIAL PLAZA 35TH THRU 38TH FLOORS---- INTERIOR BUILD-OUTS OF EIGHT EXISTING UNITS. 2/23/04 LETTER FRM EXCEL DESIGNS REMOVING UNITS 3504,3602,3702,3703,3704 & 3804 FROM PERMIT (SEE DOCS).**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	550285
Status:	Permit application closed
Valuation:	$837,000.00
Contractor Company:	
Contractor Name:	KADOWAKI JAY INC

Date:	**5/2/2003**
Permit Type:	
Description:	**(BP #548249) [TMK: 21049027] Mike & Veronica Lombardo - Remove part of guest bathroom.**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	548249
Status:	Permit application closed
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	HOMEWORKS CONSTRUCTION Attn: Jim Byxbee, President

ADJOINING PROPERTY FINDINGS

Date:	**1/23/2003**
Permit Type:	
Description:	**(BP #544294) [TMK: 21049027] AOAO THE IMPERIAL PLAZA - REMOVE / REPLACE FAN COIL UNITS FOR APARTMENT UNITS 701,801, 2305, 3502 ONE TIME REVIEW**
Permit Description:	
Work Class:	ALTERATION, REPAIR, ELECTRICAL WORK
Proposed Use:	3 - Apartment
Permit Number:	544294
Status:	Permit application closed
Valuation:	$12,000.00
Contractor Company:	
Contractor Name:	KADOWAKI JAY INC

Date:	**12/26/2002**
Permit Type:	
Description:	**(BP #543426) [TMK: 21049027] JIN & KYUNG LIM, #3802- INTERIOR ALTERATION FOR KITCHEN, BATH AND LAUNDRY**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	543426
Status:	Permit application closed
Valuation:	$38,000.00
Contractor Company:	
Contractor Name:	Seven Valleys Construction, Inc. Charles F. Siebenthal, President

ADJOINING PROPERTY FINDINGS

Date: **11/12/2002**
Permit Type:
Description: **(BP #541963) [TMK: 21049027] KUMAI REALTY #C-117 - NEW INTERIOR PARTITIONS TO EXIST TENANT SPACE (ELEC UNDER BP 539978) ADDITIONAL SPRINKLER HEADS AND AC SUPPLY VENTS**

Permit Description:
Work Class: ALTERATION
Proposed Use: 12 - Office Building
Permit Number: 541963
Status: Permit application closed
Valuation: $5,800.00
Contractor Company:
Contractor Name: ALBR SERVICES

Date: **9/24/2002**
Permit Type:
Description: **(BP #539978) [TMK: 21049027] IMPERIAL PLAZA, C117 - ADD BREAKER BOX, TRANSFORMER AND ELECTRICAL OUTLETS**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 539978
Status: Permit application closed
Valuation: $3,000.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date:	**7/26/2002**
Permit Type:	
Description:	**(BP #537481) [TMK: 21049027] THOMAS M HALEY - RUN ELEC TO OFFICE SPACE, TIE INTO BOX, WALL OUTLETS, CONNECT TO EXISTING SOCKET**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	537481
Status:	Permit application closed
Valuation:	$1,000.00
Contractor Company:	
Contractor Name:	NONE

Date:	**8/7/2001**
Permit Type:	
Description:	**(BP #524691) [TMK: 21049027] ALAN S. TAMASHIRO #C-106 / tenant improvement, ground floor**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	524691
Status:	Permit application closed
Valuation:	$40,000.00
Contractor Company:	
Contractor Name:	NESBITT CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**12/6/2000**
Permit Type:	
Description:	**(BP #515997) [TMK: 21049027] DANIELLE GAU #1406 - REPAIR WATER DAMAGED (DRYWALL) CEILING & WALLS IN BATHROOM**
Permit Description:	
Work Class:	REPAIR, PLUMBING WORK
Proposed Use:	3 - Apartment
Permit Number:	515997
Status:	Permit application closed
Valuation:	$1,000.00
Contractor Company:	
Contractor Name:	Diamond Head Plumbing

Date:	**11/6/2000**
Permit Type:	
Description:	**(BP #514941) [TMK: 21049027] MR. SUNG KI BEOM - S.A. COMMUNICATIONS SAFETY GLASS INSTALLATION.**
Permit Description:	
Work Class:	ALTERATION
Proposed Use:	12 - Office Building
Permit Number:	514941
Status:	Permit application closed
Valuation:	$2,850.00
Contractor Company:	
Contractor Name:	Benz Construction

ADJOINING PROPERTY FINDINGS

Date: **9/1/2000**
Permit Type:
Description: **(BP #512505) [TMK: 21049027] KYONG MI CHAN--CHOSUN KOREAN RESTAURANT**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 512505
Status: Permit application closed
Valuation: $15,000.00
Contractor Company:
Contractor Name: KAIMUKI PLUMBING CO (WAIMEA PLUMBING)

Date: **5/1/2000**
Permit Type:
Description: **(BP #508039) [TMK: 21049027] IMPERIAL PLAZA - REMOVE AND REPLACE EXISTING EXTERIOR INSTALLATION FINISHING SYSTEM (EIFS)**

Permit Description:
Work Class: REPAIR
Proposed Use: 3 - Apartment
Permit Number: 508039
Status: Permit application closed
Valuation: $22,850.00
Contractor Company:
Contractor Name: BEK INC D B A B & D

Date: **1/21/2000**
Permit Type:
Description: **(BP #504229) [TMK: 21049027] RETROFIT for MITSURU MISAWA**

Permit Description:
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 504229
Status: Permit application closed
Valuation: $600.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **3/30/1999**
Permit Type:
Description: **KEKUNA #C105 - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 429185
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **12/22/1997**
Permit Type:
Description: **HI PAC ACADEMY-DAYCR - OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: OTHER WORK
Proposed Use: 12 - Office Building
Permit Number: 411914
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name: ATLAS BLDRS

Date: **10/21/1997**
Permit Type:
Description: **IMPERIAL PLAZA-SDWLK - SW**

Permit Description:
Work Class: SIDEWALK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 409496
Status: Completed
Valuation: $6,000.00
Contractor Company:
Contractor Name: Adon Construction

ADJOINING PROPERTY FINDINGS

Date: **5/28/1997**
Permit Type:
Description: **HI PACIFIC ACADEMY - AL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION
Proposed Use: 12 - Office Building
Permit Number: 403277
Status: Completed
Valuation: $2,500.00
Contractor Company:
Contractor Name: CFA PAINTING & CONST

Date: **5/14/1997**
Permit Type:
Description: **CHROMAX PHOTO - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 402791
Status: Completed
Valuation: $28,000.00
Contractor Company:
Contractor Name: ACME CONST

Date: **10/15/1996**
Permit Type:
Description: **PEWTER GALLINJA - EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK, PLUMBING WORK, OTHER WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 395166
Status: Completed
Valuation: $25,000.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date: **6/25/1996**
Permit Type:
Description: **JAMES TSUGAWA #402 - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 390306
Status: Completed
Valuation: $1,500.00
Contractor Company:
Contractor Name:

Date: **6/21/1996**
Permit Type:
Description: **AOAO IMPERIAL PLAZA - PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK, OTHER WORK
Proposed Use: 3 - Apartment
Permit Number: 390072
Status: Completed
Valuation: $28,000.00
Contractor Company:
Contractor Name: JOHNSON ENGINEERING INC

Date: **4/1/1996**
Permit Type:
Description: **IMPERIAL PLAZA - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 386042
Status: Completed
Valuation: $1,300.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **10/12/1995**
Permit Type:
Description: **IMPERIAL PLAZA-F/S - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 378233
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **9/27/1995**
Permit Type:
Description: **TSUGAWA & ASSOC - AL,EL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, OTHER WORK
Proposed Use: 12 - Office Building
Permit Number: 377521
Status: Completed
Valuation: $45,000.00
Contractor Company:
Contractor Name: MOUSE BUILDERS

Date: **6/22/1995**
Permit Type:
Description: **IMPERIAL PLAZA - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 371397
Status: Completed
Valuation: $110,000.00
Contractor Company:
Contractor Name: DESIGNER BUILT SYSTEMS

ADJOINING PROPERTY FINDINGS

Date:	**5/15/1995**
Permit Type:	
Description:	**IMPERIAL PL#C310 - AL,EL,PL,OT**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use:	3 - Apartment
Permit Number:	369523
Status:	Completed
Valuation:	$9,500.00
Contractor Company:	
Contractor Name:	LEASE II INC

762 KAPIOLANI BLVD

Date:	**3/31/2010**
Permit Type:	
Description:	**(BP #654559) [TMK: 21044034] Yanagi Sushi - Replace existing grease interceptor with new 1000 GAL. Capacity GT at existing restaurant (2009/IBP07761)**
Permit Description:	
Work Class:	PLUMBING WORK
Proposed Use:	19 - Other non residential
Permit Number:	654559
Status:	Permit application closed
Valuation:	$50,000.00
Contractor Company:	
Contractor Name:	BON K KU BON K KU

ADJOINING PROPERTY FINDINGS

Date:	**3/30/2010**
Permit Type:	
Description:	**(BP #654538) [TMK: 21044034] Yanagi Management LLC - Yanagi Sushi - Alteration: Convert existing retail shop to private garage. 2010/IBP01164**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	654538
Status:	Inspection(s) in Progress
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	BON K KU BON K KU

Date:	**1/6/2004**
Permit Type:	
Description:	**(BP #559445) [TMK: 21044034] Yanagi Sushi Restaurant - Replace Electrical Service to Yanagi Sushi Restaurant.**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	18 - Store
Permit Number:	559445
Status:	Permit application closed
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

Date: **8/28/2003**
Permit Type:
Description: **(BP #553968) [TMK: 21044034] YANAGI SUSHI - REPLACE BURNT OUT METER BASE. REPLACE ONLY, NO ADDITIONAL METERS PERMITTED.**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 553968
Status: Permit application closed
Valuation: $600.00
Contractor Company:
Contractor Name: NONE

Date: **5/4/1989**
Permit Type:
Description: **REST YANAGI SUSHI - AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 18 - Store
Permit Number: 268924
Status: NK Status
Valuation: $20,000.00
Contractor Company:
Contractor Name: C YOO CONSTRUCTION

Date: **2/17/1988**
Permit Type:
Description: **YANAGI SUSHI - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 250364
Status: Completed
Valuation: $2,500.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **12/28/1987**
Permit Type:
Description: **YANAGI SUSHI - AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 18 - Store
Permit Number: 248706
Status: Completed
Valuation: $38,000.00
Contractor Company:
Contractor Name: WENDELL CHING

Date: **4/10/1984**
Permit Type:
Description: **YANAGI SUSHI - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 191876
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **4/5/1984**
Permit Type:
Description: **YANAGI SUSHI - AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 18 - Store
Permit Number: 191739
Status: Completed
Valuation: $22,500.00
Contractor Company:
Contractor Name: FRANK KWON

ADJOINING PROPERTY FINDINGS

770 KAPIOLANI BLVD

Date:	**10/31/2012**
Permit Type:	**Commercial**
Description:	**(9/39) 770 KAPIOLANI BLVD Honolulu / Downtown / Hawaiian Electric Company - Interior alteration to existing office building**
Permit Description:	
Work Class:	OFFICE, 4 TO 10 STORIES
Proposed Use:	Office Building
Permit Number:	707377
Status:	Inspection(s) in Progress
Valuation:	$175,000.00
Contractor Company:	
Contractor Name:	RAM CORPORATION

Date:	**10/5/2012**
Permit Type:	**Commercial**
Description:	**(9/14) Hawaiian Electric Company -- INTERIOR ALTERATION TO SUITES 402, 403, 404, 406**
Permit Description:	
Work Class:	OFFICE, 4 TO 10 STORIES
Proposed Use:	Office Building
Permit Number:	704655
Status:	Inspection(s) in Progress
Valuation:	$240,000.00
Contractor Company:	
Contractor Name:	RAM CORPORATION

ADJOINING PROPERTY FINDINGS

Date:	**7/30/2012**
Permit Type:	**Commercial**
Description:	**5/36 770 KAPIOLANI BLVD #702 & 703 - HAWAIIAN ELECTRIC COMPANY -- ALTERATION TO EXISTING OFFICE SPACE (2011/IBP04928)**
Permit Description:	
Work Class:	OFFICE, 4 TO 10 STORIES
Proposed Use:	Office Building
Permit Number:	673662
Status:	Permit application closed
Valuation:	$190,000.00
Contractor Company:	
Contractor Name:	J W INC

Date:	**3/29/2012**
Permit Type:	**Commercial**
Description:	**HAWAIIAN ELECTRIC COMPANY, INC. - 770 KAPIOLANI BLVD SUITE 110 - NEW UTILITY SINK & ICE MAKER IN EXISTING TENANT SPACE**
Permit Description:	
Work Class:	OFFICE, 4 TO 10 STORIES
Proposed Use:	Office Building
Permit Number:	688929
Status:	Inspection(s) in Progress
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	RONCEVICH DAMJAN P

Date:	**2/29/2012**
Permit Type:	**Commercial**
Description:	**Hawaiian Electric Company - INTERIOR ALTERATIONS TO EXISTING OFFICES**
Permit Description:	
Work Class:	OFFICE, 4 TO 10 STORIES
Proposed Use:	Office Building
Permit Number:	675129
Status:	Permit application closed
Valuation:	$9,500.00
Contractor Company:	
Contractor Name:	RONCEVICH DAMJAN P

ADJOINING PROPERTY FINDINGS

Date:	**1/19/2012**
Permit Type:	**Commercial**
Description:	**1/35 770 KAPIOLANI BLVD #109 - HECO -- Interior Alteration within existing storage area (2011/IBP00533)**

Permit Description:	
Work Class:	OFFICE, 1 TO 3 STORIES
Proposed Use:	Office Building
Permit Number:	670229
Status:	Permit application closed
Valuation:	$65,000.00
Contractor Company:	
Contractor Name:	RONCEVICH DAMJAN P

777 KAPIOLANI BLVD

Date:	**12/21/2011**
Permit Type:	**Commercial**
Description:	**9/99 777 KAPIOLANI BLVD - BMW OF HONOLULU - NEW PHOTOVOLTAIC SYSTEM. (2011/IBP08950)**

Permit Description:	
Work Class:	ELECTRICAL
Proposed Use:	Store
Permit Number:	680011
Status:	Permit application closed
Valuation:	$560,000.00
Contractor Company:	
Contractor Name:	Elemental Energy LLC

ADJOINING PROPERTY FINDINGS

808 KAPIOLANI BLVD

Date:	**7/27/2012**
Permit Type:	**Commercial**
Description:	**MERCEDES-BENZ - ELECTRICAL SIGN HOOK-UP (FORMER TMK: 2-1-044:023)**

Permit Description:	
Work Class:	ELECTRICAL
Proposed Use:	Store
Permit Number:	682494
Status:	Permit application closed
Valuation:	$300.00
Contractor Company:	
Contractor Name:	

Date:	**8/5/2010**
Permit Type:	
Description:	**(BP #659505) [TMK: 21044023] Mercedes-Benz of Honolulu - Exterior Alterations to existing building [THIRD PARTY REVIEW]**

Permit Description:	
Work Class:	ALTERATION
Proposed Use:	18 - Store
Permit Number:	659505
Status:	Permit application closed
Valuation:	$100,000.00
Contractor Company:	
Contractor Name:	Honolulu Builders, LLC Attn: DAN JORDAN

ADJOINING PROPERTY FINDINGS

Date:	**6/9/2010**
Permit Type:	
Description:	**2a3a(BP #657358) [TMK: 21044023] Mercedes Benz of Honolulu - INTERIOR RENOVATION TO EXISTING TENANT SPACE (2010/IBP3810) [THIRD PARTY REVIEW]**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	657358
Status:	Permit application closed
Valuation:	$200,000.00
Contractor Company:	
Contractor Name:	Honolulu Builders, LLC Attn: DAN JORDAN

Date:	**6/14/2004**
Permit Type:	
Description:	**(BP #566909) [TMK: 21044023] 4/3 THEO DAVIES EUROMOTORS - ELECTRICAL, INSTALL 5 NEW POLE MOUNTED DOUBLE AND SINGLE LUMINAIRE AND CONCRETE FOOTINGS.**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	566909
Status:	Permit application closed
Valuation:	$75,000.00
Contractor Company:	
Contractor Name:	LEE'S GENERAL & ELEC

ADJOINING PROPERTY FINDINGS

Date: **10/11/2001**
Permit Type:
Description: **(BP #527271) [TMK: 21044023] Mercedes Benz of Honolulu - elec hook-up for sign permit (ground/wall)**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 527271
Status: Permit application closed
Valuation: $400.00
Contractor Company:
Contractor Name: NONE

Date: **6/4/2001**
Permit Type:
Description: **(BP #522281) [TMK: 21044023] THEO DAVIES INC- Electrical for sign illumination (FOR SIGN #S21153)**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 522281
Status: Permit application closed
Valuation: $500.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date: **9/29/2000**
Permit Type:
Description: **(BP #513465) [TMK: 21044023] THEODAVIES EUROMOTORS - TEMPORARY TENT PERMIT - FOR THE OCTOBER 3-4 2000**

Permit Description:
Work Class:
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 513465
Status: Permit application closed
Valuation: $600.00
Contractor Company:
Contractor Name: Theodavies Euromotors

Date: **3/14/2000**
Permit Type:
Description: **(BP #506061) [TMK: 21044023] THEO DAVIS - ELECTRIC FOR SIGN (S2000-3-18)**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 506061
Status: Permit application closed
Valuation: $500.00
Contractor Company:
Contractor Name: BLDG FILE COPY ONLY

Date: **2/25/2000**
Permit Type:
Description: **(BP #505323) [TMK: 21044023] THEODAVIES EUROMOTORS / REPLACE EXISTING STOREFRONT WITH NEW STOREFRONT**

Permit Description:
Work Class: ALTERATION
Proposed Use: 12 - Office Building
Permit Number: 505323
Status: Permit application closed
Valuation: $15,000.00
Contractor Company:
Contractor Name: LEE CHOONG GIL

ADJOINING PROPERTY FINDINGS

Date: **12/14/1999**
Permit Type:
Description: **(BP #503013) [TMK: 21044023] THEO DAVIES - (ELECTRICAL ONLY) PULL COAX CABLES FOR 3 CAMERAS**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 503013
Status: Permit application closed
Valuation: $4,100.00
Contractor Company:
Contractor Name:

Date: **11/2/1998**
Permit Type:
Description: **THEO DAVIS EURO - AL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION
Proposed Use: 12 - Office Building
Permit Number: 423952
Status: Completed
Valuation: $1,500.00
Contractor Company:
Contractor Name: LEE'S GEN & ELEC CONT

Date: **1/24/1997**
Permit Type:
Description: **THEO DAVIES EUROMOTO - AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 18 - Store
Permit Number: 398672
Status: Completed
Valuation: $2,500.00
Contractor Company:
Contractor Name: LEE'S ELECTRICAL

ADJOINING PROPERTY FINDINGS

Date: **12/31/1996**
Permit Type:
Description: **THEODAVIS - AL,RP,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, REPAIR, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 397940
Status: Completed
Valuation: $50,000.00
Contractor Company:
Contractor Name: LEE'S ELECTRIC CONTR CO

Date: **7/2/1996**
Permit Type:
Description: **THEO DAVIES EUROMTRS - SW,DR**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: SIDEWALK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 390782
Status: Completed
Valuation: $3,500.00
Contractor Company:
Contractor Name: RON'S CONSTRUCTION CORP

Date: **6/18/1996**
Permit Type:
Description: **THEO DAVIES - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 389886
Status: Completed
Valuation: $350,000.00
Contractor Company:
Contractor Name: HAWAIIAN DREDGING & CONSTR

ADJOINING PROPERTY FINDINGS

Date:	**12/15/1995**
Permit Type:	
Description:	**THEO DAVIS - NB,EL,PL**
Permit Description:	**1 - New**
Work Class:	NEW BUILDING, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	10 - Service Station
Permit Number:	380922
Status:	Completed
Valuation:	$6,500,000.00
Contractor Company:	
Contractor Name:	HAWN DREDGING

Date:	**10/25/1995**
Permit Type:	
Description:	**THEO DAVIES FOUND - FN,EL,PL**
Permit Description:	
Work Class:	ELECTRICAL WORK, PLUMBING WORK,FOUNDATION
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	378813
Status:	Completed
Valuation:	$500,000.00
Contractor Company:	
Contractor Name:	HAWAIIAN DREDGING

ADJOINING PROPERTY FINDINGS

825 KAPIOLANI BLVD

Date:	**6/16/2004**
Permit Type:	
Description:	**(BP #567060) [TMK: 21049065] BMW OF HONOLULU - ELECTRICAL HOOK-UP FOR 1 GROUND SIGN AND 1 WALL SIGN**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	567060
Status:	Permit application closed
Valuation:	$500.00
Contractor Company:	
Contractor Name:	NONE

Date:	**3/4/2003**
Permit Type:	
Description:	**(BP #545829) [TMK: 21049065] BMW OF HAWAII - DEMO INDUSTRIAL BLDG "B"**
Permit Description:	
Work Class:	DEMOLITION
Proposed Use:	7 - Industrial
Permit Number:	545829
Status:	Permit application closed
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	ISLAND DEMO INC attn. John M. Leary

ADJOINING PROPERTY FINDINGS

Date: **3/4/2003**
Permit Type:
Description: **(BP #545830) [TMK: 21049065] BMW OF HAWAII - DEMO INDUSTRIAL BLDG "C"**

Permit Description:
Work Class: DEMOLITION
Proposed Use: 7 - Industrial
Permit Number: 545830
Status: Permit application closed
Valuation: $10,000.00
Contractor Company:
Contractor Name: ISLAND DEMO INC attn. John M. Leary

Date: **3/4/2003**
Permit Type:
Description: **(BP #545828) [TMK: 21049065] BMW OF HAWAII - DEMO COMMERCIAL BLDG "A"**

Permit Description:
Work Class: DEMOLITION
Proposed Use: 12 - Office Building
Permit Number: 545828
Status: Permit application closed
Valuation: $25,000.00
Contractor Company:
Contractor Name: ISLAND DEMO INC attn. John M. Leary

Date: **5/15/1996**
Permit Type:
Description: **JEREMY HARRIS CMPGN - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 388276
Status: Completed
Valuation: $3,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **1/26/1995**
Permit Type:
Description: **RON'S CONSTRUCTION - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 364643
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

Date: **6/14/1994**
Permit Type:
Description: **INT'L INVEST OFFICE - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 353337
Status: Completed
Valuation: $1,500.00
Contractor Company:
Contractor Name:

Date: **4/28/1992**
Permit Type:
Description: **KAPIOLANI CONDO - DM**

Permit Description: **7 - Demolition**
Work Class: DEMOLITION
Proposed Use: 16 - Shed
Permit Number: 317695
Status: Completed
Valuation: $25,000.00
Contractor Company:
Contractor Name: US PACIFIC BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **4/28/1992**
Permit Type:
Description: **KAPIOLANI CONDO - DM**

Permit Description: **7 - Demolition**
Work Class: DEMOLITION
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 317696
Status: Completed
Valuation: $10,000.00
Contractor Company:
Contractor Name: US PACIFIC BUILDERS

Date: **4/28/1992**
Permit Type:
Description: **KAPIOLANI CONDO - DM**

Permit Description: **7 - Demolition**
Work Class: DEMOLITION
Proposed Use: 18 - Store
Permit Number: 317697
Status: Completed
Valuation: $50,000.00
Contractor Company:
Contractor Name: US PACIFIC BUILDERS

Date: **4/28/1992**
Permit Type:
Description: **KAPIOLANI CONDO - FC**

Permit Description:
Work Class: FENCE
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 317699
Status: Completed
Valuation: $10,000.00
Contractor Company:
Contractor Name: US PACIFIC BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **5/13/1988**
Permit Type:
Description: **PALM GARDENS - AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 18 - Store
Permit Number: 253982
Status: NK Status
Valuation: $100,000.00
Contractor Company:
Contractor Name: MAKANI BLDRS

Date: **4/25/1986**
Permit Type:
Description: **COPY TROPIC - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 223020
Status: Completed
Valuation: $4,000.00
Contractor Company:
Contractor Name:

Date: **3/28/1985**
Permit Type:
Description: **CHART SPORTS MED. - RP**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: REPAIR
Proposed Use: 18 - Store
Permit Number: 205498
Status: Completed
Valuation: $1,200.00
Contractor Company:
Contractor Name: VOSPER CONTRACTING

ADJOINING PROPERTY FINDINGS

Date: **2/14/1985**
Permit Type:
Description: **MICROCOMPUTER SYSTEM - RP**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: REPAIR
Proposed Use: 18 - Store
Permit Number: 204061
Status: Completed
Valuation: $3,500.00
Contractor Company:
Contractor Name: VOSPER CONTRACTING

Date: **12/30/1983**
Permit Type:
Description: **HOUSE OF LIGHT - AL,EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 188223
Status: Completed
Valuation: $16,300.00
Contractor Company:
Contractor Name: GERALD LEE

Date: **3/21/1983**
Permit Type:
Description: **CHART SPORTS MED. - AL,EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 177597
Status: Completed
Valuation: $45,000.00
Contractor Company:
Contractor Name: NATE BARZILAY

ADJOINING PROPERTY FINDINGS

Date: **6/24/1980**
Permit Type:
Description: **TED TANAKA - ,OT**

Permit Description:
Work Class: OTHER WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 140718(HIST)
Status: Converted
Valuation: $450.00
Contractor Company:
Contractor Name: Owner

Date: **6/5/1978**
Permit Type:
Description: **CLUB JUDY - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 102067(HIST)
Status: Converted
Valuation: $65.00
Contractor Company:
Contractor Name:

Date: **4/22/1977**
Permit Type:
Description: **MIYANOS - ,DR**

Permit Description:
Work Class:
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 082137(HIST)
Status: Converted
Valuation: $0.00
Contractor Company:
Contractor Name: Owner

ADJOINING PROPERTY FINDINGS

Date:	**3/11/1971**
Permit Type:	
Description:	**THE HAWAII CORP - ,AL**

Permit Description:	
Work Class:	ALTERATION
Proposed Use:	18 - Store
Permit Number:	098710(HIST < 1973)
Status:	Converted
Valuation:	$180,000.00
Contractor Company:	
Contractor Name:	HERBERT C JACKSON

871 KAPIOLANI BLVD

Date:	**10/22/2013**
Permit Type:	**Commercial**
Description:	**871 KAPIOLANI BLVD / Bundamujip - Addition/alteration for existing restaurant [THIRD PARTY REVIEW] ***06/10/13 - RCVD REVISED SHEET TO REMOVE EXTERIOR WINDOWS AND COVER WITH 1-HR FIRE RATED WALL***

Permit Description:	
Work Class:	RESTAURANTS,DRIVE-IN,BAR,LAUNDERETTE,ETC
Proposed Use:	Store
Permit Number:	721290
Status:	Permit application closed
Valuation:	$200,000.00
Contractor Company:	
Contractor Name:	DONG H KIM

ADJOINING PROPERTY FINDINGS

Date: **7/24/2013**
Permit Type: **Commercial**
Description: **871 KAPIOLANI BLVD - BUDNAMUJIP -- INTERIOR ALTERATION TO AN EXISTING TENANT SPACE (INTERIOR DEMOLITION) (2012/IBP07072) [THIRD PARTY REVIEW]**

Permit Description:
Work Class: RESTAURANTS,DRIVE-IN,BAR,LAUNDERETTE,ETC
Proposed Use: Store
Permit Number: 693951
Status: Permit application closed
Valuation: $10,000.00
Contractor Company:
Contractor Name: DONG H KIM

Date: **7/15/2013**
Permit Type: **Commercial**
Description: **BUD NAMU JIP -- ELECTRICAL HOOK-UP FOR S2012-10-0038**

Permit Description:
Work Class: ELECTRICAL
Proposed Use: Other non residential
Permit Number: 720989
Status: Permit application closed
Valuation: $300.00
Contractor Company:
Contractor Name:

Date: **12/17/2012**
Permit Type: **Commercial**
Description: **871 KAPIOLANI BLVD / BUDNAMUJIP - ADDITION / ALTERATION TO EXISTING RESTAURANT [THIRD PARTY REVIEW]**

Permit Description:
Work Class: RESTAURANTS,DRIVE-IN,BAR,LAUNDERETTE,ETC
Proposed Use: Store
Permit Number: 712269
Status: Inspection(s) in Progress
Valuation: $450,000.00
Contractor Company:
Contractor Name: DONG H KIM

ADJOINING PROPERTY FINDINGS

KAWAIAHAO ST

711 KAWAIAHAO ST

Date:	**10/30/1990**
Permit Type:	
Description:	**COYNE MATTRESS - DM**
Permit Description:	**7 - Demolition**
Work Class:	DEMOLITION
Proposed Use:	12 - Office Building
Permit Number:	293645
Status:	Completed
Valuation:	$16,700.00
Contractor Company:	
Contractor Name:	TAJIRI LUMBER

757 KAWAIAHAO ST

Date:	**8/22/2013**
Permit Type:	**Commercial**
Description:	**Szymanski Properties - New parking canopy**
Permit Description:	
Work Class:	AWNINGS, CANOPIES, BUS STOP SHEDS
Proposed Use:	Shed
Permit Number:	730536
Status:	Inspection(s) in Progress
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	PLS BUILDERS

ADJOINING PROPERTY FINDINGS

Date:	**5/9/2008**
Permit Type:	
Description:	**(BP #626603) [TMK: 21049028] Bavaria Motor Experts - Alteration to ex mezzanine floor & storage area below**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	7 - Industrial
Permit Number:	626603
Status:	Permit application closed
Valuation:	$10,500.00
Contractor Company:	
Contractor Name:	NAGATA, Andrew H..

Date:	**6/5/2006**
Permit Type:	
Description:	**(BP #597472) [TMK: 21049028] Bavaria Motor Experts - New mezzanine floor above existing storage area.**
Permit Description:	
Work Class:	ALTERATION
Proposed Use:	7 - Industrial
Permit Number:	597472
Status:	Permit application closed
Valuation:	$14,400.00
Contractor Company:	
Contractor Name:	NAGATA, Andrew H..

ADJOINING PROPERTY FINDINGS

Date: **6/17/2004**
Permit Type:
Description: **(BP #567169) [TMK: 21049028] SZYMANSKI PROPERTIES - INSTALL NEW ORNAMENTAL ALUMINUM FENCE W/ 6'0" MAX HT AT FRONT & RIGHT OF PROPERTY W/ SLIDING GATES**

Permit Description:
Work Class:
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 567169
Status: Permit application closed
Valuation: $25,000.00
Contractor Company:
Contractor Name: RUSSO JOHN P

Date: **10/13/2003**
Permit Type:
Description: **(BP #555839) [TMK: 21049028] BARVARIAN MOTOR EXPERTS - ELECTRICAL FOR SIGN HOOK-UP**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 555839
Status: Permit application closed
Valuation: $500.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date: **9/17/2003**
Permit Type:
Description: **(BP #554829) [TMK: 21049028] SZYMENSKI PROPERTIES - Install (3) roll-up doors on ewa wall of building.**

Permit Description:
Work Class: ALTERATION
Proposed Use: 7 - Industrial
Permit Number: 554829
Status: Permit application closed
Valuation: $8,000.00
Contractor Company:
Contractor Name: FIVE C CORPORATION dba Western Overhead Door Co

Date: **8/19/2003**
Permit Type:
Description: **(BP #553515) [TMK: 21049028] SZYMENSKI PROPERTIES - DEMO PERIMETER CHAIN LINK FENCE**

Permit Description:
Work Class: DEMOLITION
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 553515
Status: Permit application closed
Valuation: $400.00
Contractor Company:
Contractor Name: SZYMENSKI PROPERTIES LLC

Date: **12/6/1989**
Permit Type:
Description: **WONG'S WAREHOUSE - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 278366
Status: Completed
Valuation: $1,750.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **9/15/1986**
Permit Type:
Description: **CHARLES WONG - FC**

Permit Description:
Work Class: FENCE
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 228660
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name: RAY SWARTS

Date: **9/15/1986**
Permit Type:
Description: **CHARLES WONG - AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 228659
Status: NK Status
Valuation: $500.00
Contractor Company:
Contractor Name: RAY SWARTS

Date: **6/15/1981**
Permit Type:
Description: **J.C. MARINE - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 155333(HIST)
Status: Converted
Valuation: $700.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

807 KAWAIAHAO ST

Date:	**7/8/1991**
Permit Type:	
Description:	**SPECIALTY LOLLIPOPS - AL,EL,PL,OT**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use:	7 - Industrial
Permit Number:	304583
Status:	Completed
Valuation:	$8,000.00
Contractor Company:	
Contractor Name:	COMMUNITY INDUSTRIES CORP

Date:	**6/3/1991**
Permit Type:	
Description:	**DAGA REST WARE LTD - EL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	302964
Status:	Completed
Valuation:	$2,250.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

812 KAWAIAHAO ST

Date:	**11/9/1993**
Permit Type:	
Description:	**FEE MCCLARAN ASSOC - PL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	PLUMBING WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	344485
Status:	Completed
Valuation:	$1,560.00
Contractor Company:	
Contractor Name:	

Date:	**7/18/1989**
Permit Type:	
Description:	**HAWN SALTWATER TAFFY - EL,PL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	272436
Status:	Completed
Valuation:	$9,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

822 KAWAIAHAO ST

Date:	**2/19/1993**
Permit Type:	
Description:	**KWAN'S AUTO BODY - EL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	331415
Status:	Completed
Valuation:	$1,600.00
Contractor Company:	
Contractor Name:	

832 KAWAIAHAO ST

Date:	**4/2/2002**
Permit Type:	
Description:	**(BP #533035) [TMK: 21049047] YUE FUNG KWAN - DEMO EXISTING SFD**
Permit Description:	
Work Class:	DEMOLITION
Proposed Use:	1 - Single Family
Permit Number:	533035
Status:	Permit application closed
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	Kwan, John Y.C. & Yue Fung

ADJOINING PROPERTY FINDINGS

836 KAWAIAHAO ST

Date:	**5/21/2012**
Permit Type:	**Commercial**
Description:	**ROBERT EMAMI -ALTERATIONS TO DECREASE SIZE OF OFFICE AND RELO BATHROOM, REMOVE PORT OF CMU WALL AT REAR OF BUILDING**
Permit Description:	
Work Class:	OFFICE, 1 TO 3 STORIES
Proposed Use:	Industrial
Permit Number:	676617
Status:	Permit application closed
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	SABRI ALIREZA

Date:	**3/6/2002**
Permit Type:	
Description:	**(BP #532128) [TMK: 21049046] M W TRANSPORTATION---RELOCATE AND UPGRADE EXISTING ELECTRICAL METER**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	532128
Status:	Permit application closed
Valuation:	$1,200.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

850 KAWAIAHAO ST

Date:	**10/26/2012**
Permit Type:	**Commercial**
Description:	**SPACE #104 / SORBET FACTORY - INTERIOR ALTERATION TO EXISTING TENANT SPACE #104. ****8/30/12 CHANGE SAH INC. TO ACCURATE PLUMBING PER LETTER FROM GEN. CONTRACTOR.****
Permit Description:	
Work Class:	MULTI-STORY FIREPROOF FACTORY OR WHSE
Proposed Use:	Industrial
Permit Number:	699497
Status:	Permit application closed
Valuation:	$20,000.00
Contractor Company:	
Contractor Name:	SAH INC, Shelton Higa

Date:	**6/24/2009**
Permit Type:	
Description:	**(BP #643602) [TMK: 21049045] 875 WAIMANU ST - T-Mobile - Ward Ave - SITE# HI 01107A - Upgrade existing electrical service to the T-Mobile Equipment to 200A**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	3 - Apartment
Permit Number:	643602
Status:	Inspection(s) in Progress
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	Kokami Electrical Service, Inc.

ADJOINING PROPERTY FINDINGS

Date:	**11/19/2008**
Permit Type:	
Description:	**(BP #635100) [TMK: 21049045] Kapiolani King - HIC017 - Alter the existing MobiPCS installation by the addition of a new cabinet and 5 small microwave dish antennas (2008/IBP8284)**
Permit Description:	
Work Class:	
Proposed Use:	12 - Office Building
Permit Number:	635100
Status:	Permit application closed
Valuation:	$10,800.00
Contractor Company:	
Contractor Name:	DEAN S H PAK INC

Date:	**12/13/2006**
Permit Type:	
Description:	**(BP #606097) [TMK: 21049045] MADSKILL PRODUCTIONS INC @ KAKAAKO COMMERCE CNTR - INTERIOR RENOVATION FOR NEW OFFICE**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	606097
Status:	Permit application closed
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	STATEWIDE GENERAL CONTRACTING & CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date: **2/7/2006**
Permit Type:
Description: **(BP #592009) [TMK: 21049045] SPRINT - UPGRADE OF EXISTING ELEC. SERVICE TO SPRINT EQUIPMENT.**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 13 - Public Building
Permit Number: 592009
Status: Permit application closed
Valuation: $47,950.00
Contractor Company:
Contractor Name: NONE

Date: **9/30/2005**
Permit Type:
Description: **(BP #586672) [TMK: 21049045] CORAL WIRELESS (SITE #OH17) -- INSTALL NEW WIRELESS ANTENNAS AND EQUIPMENT ON ROOFTOP**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 586672
Status: Permit application closed
Valuation: $35,000.00
Contractor Company:
Contractor Name: R W CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **5/26/2005**
Permit Type:
Description: **(BP #580749) [TMK: 21049045] T-MOBILE USA INC @ WAIMANU STORAGE - NEW PCS ANTENNA SITE ON ROOFTOP**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 19 - Other non residential
Permit Number: 580749
Status: Permit application closed
Valuation: $30,000.00
Contractor Company:
Contractor Name: ISLAND FENCE INC

Date: **9/28/2004**
Permit Type:
Description: **(BP #571362) [TMK: 21049045] S & F WAIMANU ASSOCIATES---DRY STANDPIPE REPAIR & REROUTE**

Permit Description:
Work Class: REPAIR, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 571362
Status: Permit application closed
Valuation: $17,300.00
Contractor Company:
Contractor Name: ALII FIRE PROTECTION

ADJOINING PROPERTY FINDINGS

Date: **9/10/2004**
Permit Type:
Description: **(BP #570708) [TMK: 21049045] KAKAAKO COMMERCE CENTER---2ND, 3RD, 5TH, & 6TH FLOOR RENOVATIONS (ADA RESTROOMS, FIRE-RATED ROLLING DOORS, & ALTER VENTILATION EXHAUST SYSTEM)**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 570708
Status: Permit application closed
Valuation: $210,000.00
Contractor Company:
Contractor Name: HOMEWORKS CONSTRUCTION Attn: Jim Byxbee, President

Date: **4/11/2001**
Permit Type:
Description: **(BP #520267) [TMK: 21049045] DAY STAR- Concrete pad with antenna**

Permit Description:
Work Class:
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 520267
Status: Permit application closed
Valuation: $12,000.00
Contractor Company:
Contractor Name: LUM ERNEST K F, et al.

ADJOINING PROPERTY FINDINGS

Date: **10/4/1999**
Permit Type:
Description: **(BP #500455) TENANT ALTERATION TO EXISTING WAIMANU ST WHSE SPACE #103**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 500455
Status: Permit application closed
Valuation: $15,000.00
Contractor Company:
Contractor Name: LUM ERNEST K F CONST

Date: **8/10/1998**
Permit Type:
Description: **PAXSON COMMUNICATION - OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: OTHER WORK
Proposed Use: 12 - Office Building
Permit Number: 420776
Status: Completed
Valuation: $10,000.00
Contractor Company:
Contractor Name: PUTNAM INSTALLATION CO

Date: **7/23/1998**
Permit Type:
Description: **RAINBOW PRINTERS - AD,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ADDITION, ELECTRICAL WORK, PLUMBING WORK, OTHER WO
Proposed Use: 7 - Industrial
Permit Number: 420138
Status: Completed
Valuation: $5,000.00
Contractor Company:
Contractor Name: ERNEST K.F. LUM

ADJOINING PROPERTY FINDINGS

Date: **5/13/1998**
Permit Type:
Description: **PAXSON COMM CORP#601 - AL,EL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, OTHER WORK
Proposed Use: 7 - Industrial
Permit Number: 417173
Status: Completed
Valuation: $20,000.00
Contractor Company:
Contractor Name: CENTRAL GENERAL CONSTRACTORS

Date: **8/18/1993**
Permit Type:
Description: **JAP VISITOR CTR #606 - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 12 - Office Building
Permit Number: 340100
Status: Completed
Valuation: $35,000.00
Contractor Company:
Contractor Name: HUGH BROWN BLDRS

Date: **3/5/1990**
Permit Type:
Description: **OCEANIC CABLEVISION - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 281820
Status: Completed
Valuation: $60,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **10/20/1987**
Permit Type:
Description: **E-Z ACCESS STORAGE - AL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 245959
Status: Completed
Valuation: $5,724.00
Contractor Company:
Contractor Name: NATE BARZILA

Date: **10/8/1987**
Permit Type:
Description: **E-Z ACCESS - AL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION
Proposed Use: 12 - Office Building
Permit Number: 245489
Status: Completed
Valuation: $2,350.00
Contractor Company:
Contractor Name: NATE BARZILAY CONTR

Date: **8/26/1987**
Permit Type:
Description: **WAIMANU ASSOCIATES - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 243464
Status: Completed
Valuation: $7,500.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **4/9/1985**
Permit Type:
Description: **WAIMANU ASSOC. - AL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION
Proposed Use: 16 - Shed
Permit Number: 205961
Status: Completed
Valuation: $400.00
Contractor Company:
Contractor Name: ERNEST LUM

Date: **5/10/1983**
Permit Type:
Description: **AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 179408
Status: Completed
Valuation: $45,000.00
Contractor Company:
Contractor Name: ERNEST LUM CONSTRUCTION

Date: **10/27/1982**
Permit Type:
Description: **OCEANIC CABLEVISION - ,EL,OT**

Permit Description:
Work Class: ELECTRICAL WORK, OTHER WORK
Proposed Use: 12 - Office Building
Permit Number: 173368(HIST)
Status: Converted
Valuation: $30,000.00
Contractor Company:
Contractor Name: ATLAS ELECTRIC CO.

ADJOINING PROPERTY FINDINGS

Date: **4/28/1982**
Permit Type:
Description:

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 167283(HIST)
Status: Converted
Valuation: $2,800.00
Contractor Company:
Contractor Name: NONE

Date: **12/18/1981**
Permit Type:
Description: **PETER SONG - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 163053(HIST)
Status: Converted
Valuation: $1,500.00
Contractor Company:
Contractor Name: NONE

Date: **6/19/1981**
Permit Type:
Description: **WAIMANU WHSE. - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 155560(HIST)
Status: Converted
Valuation: $4,000.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date: **11/28/1979**
Permit Type:
Description: **ADRIENNE DESIGNS - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 131470(HIST)
Status: Converted
Valuation: $5,000.00
Contractor Company:
Contractor Name: NONE

Date: **11/16/1979**
Permit Type:
Description: **ADRIENNE DESIGNS - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 131076(HIST)
Status: Converted
Valuation: $2,500.00
Contractor Company:
Contractor Name: NONE

Date: **8/24/1979**
Permit Type:
Description: **FOOD FACTORY LTD - ,AL,EL,PL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 126661(HIST)
Status: Converted
Valuation: $4,500.00
Contractor Company:
Contractor Name: CWJ CONTRACTORS

ADJOINING PROPERTY FINDINGS

Date: **10/10/1978**
Permit Type:
Description: **REHM & DARCEY BUILDERS - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 16 - Shed
Permit Number: 109556(HIST)
Status: Converted
Valuation: $300.00
Contractor Company:
Contractor Name: REHM & DARCEY BUILDERS

Date: **10/3/1977**
Permit Type:
Description: **STRAUB CLINIC - ,AL,EL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 090061(HIST)
Status: Converted
Valuation: $2,000.00
Contractor Company:
Contractor Name: C & E DRYWALL

Date: **9/2/1977**
Permit Type:
Description: **WAIMANU WAREHOUSE - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use:
Permit Number: 088606-V(HIST)
Status: Converted
Valuation: $0.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date: **9/1/1977**
Permit Type:
Description: **BENNY CHIN WAIMANU WAREHOUSE - ,AL,EL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 088580(HIST)
Status: Converted
Valuation: $3,000.00
Contractor Company:
Contractor Name: LAU CHEUK

Date: **2/10/1977**
Permit Type:
Description: **PETER SONG W S PROPERTIES - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use:
Permit Number: 078941-V(HIST)
Status: Converted
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/3/1976**
Permit Type:
Description: **WAIMANU WAREHOUSE - ,PL**

Permit Description:
Work Class: PLUMBING WORK
Proposed Use:
Permit Number: 076096-V(HIST)
Status: Converted
Valuation: $0.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date: **10/22/1976**
Permit Type:
Description: **WAIMANU ASSOC - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use:
Permit Number: 074316-V(HIST)
Status: Converted
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **10/13/1976**
Permit Type:
Description: **WAIMANU ASSOCIATES - ,AL,EL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 073831(HIST)
Status: Converted
Valuation: $10,000.00
Contractor Company:
Contractor Name: Owner

Date: **9/30/1976**
Permit Type:
Description: **WAIMANU WAREHOUSE - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 073173(HIST)
Status: Converted
Valuation: $800.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **7/14/1976**
Permit Type:
Description: **WAIMANU WAREHOUSE - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 7 - Industrial
Permit Number: 069232(HIST)
Status: Converted
Valuation: $1,000.00
Contractor Company:
Contractor Name: Owner

Date: **6/21/1976**
Permit Type:
Description: **WAIMANU WAREHOUSE - ,AL,EL,PL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 067901(HIST)
Status: Converted
Valuation: $2,000.00
Contractor Company:
Contractor Name: Owner

Date: **6/16/1976**
Permit Type:
Description: **WAIMANU WAREHOUSE - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 7 - Industrial
Permit Number: 067696(HIST)
Status: Converted
Valuation: $5,000.00
Contractor Company:
Contractor Name: Owner

ADJOINING PROPERTY FINDINGS

Date: **6/10/1976**
Permit Type:
Description: **WAIMANU WAREHOUSE - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 067259(HIST)
Status: Converted
Valuation: $800.00
Contractor Company:
Contractor Name:

Date: **5/20/1976**
Permit Type:
Description: **WAIMANU WAREHOUSE - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 066360(HIST)
Status: Converted
Valuation: $40.00
Contractor Company:
Contractor Name:

Date: **5/6/1976**
Permit Type:
Description: **WAIMANU WAREHOUSE - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use:
Permit Number: 065757-V(HIST)
Status: Converted
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **4/14/1976**
Permit Type:
Description: **WAIMANU WAREHOUSE - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 12 - Office Building
Permit Number: 064685(HIST)
Status: Converted
Valuation: $1,000.00
Contractor Company:
Contractor Name: Owner

Date: **4/5/1976**
Permit Type:
Description: **WAIMANU WAREHOUSE - ,AL,EL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 064121(HIST)
Status: Converted
Valuation: $7,000.00
Contractor Company:
Contractor Name: Owner

Date: **3/25/1976**
Permit Type:
Description: **WAIMANU ASSOC - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 7 - Industrial
Permit Number: 063694(HIST)
Status: Converted
Valuation: $4,000.00
Contractor Company:
Contractor Name: Owner

ADJOINING PROPERTY FINDINGS

Date: **10/21/1975**
Permit Type:
Description: **PACIFIC FILM CORP - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 12 - Office Building
Permit Number: 056790(HIST)
Status: Converted
Valuation: $600.00
Contractor Company:
Contractor Name: OWNER BUILDER

Date: **12/23/1974**
Permit Type:
Description: **WAIMANU ASSOCIATES - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 12 - Office Building
Permit Number: 041906(HIST)
Status: Converted
Valuation: $200.00
Contractor Company:
Contractor Name: Owner

Date: **8/30/1974**
Permit Type:
Description: **THE HAWAII CORPORATION - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 7 - Industrial
Permit Number: 036783(HIST)
Status: Converted
Valuation: $3,000.00
Contractor Company:
Contractor Name: HERBERT C JACKSON GEN CONT

ADJOINING PROPERTY FINDINGS

Date: **6/6/1974**
Permit Type:
Description: **THE HAWAII CORPORATION - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 7 - Industrial
Permit Number: 031676(HIST)
Status: Converted
Valuation: $16,550.00
Contractor Company:
Contractor Name: HERBERT C JACKSON

Date: **4/9/1974**
Permit Type:
Description: **SUNN LOW TOM & HARA INC - ,AL,EL,PL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 028116(HIST)
Status: Converted
Valuation: $17,000.00
Contractor Company:
Contractor Name: IWAMOTO BROS INC

Date: **10/5/1973**
Permit Type:
Description: **MR RONALD BERRY - ,PL**

Permit Description:
Work Class: PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 017997(HIST)
Status: Converted
Valuation: $250.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **5/17/1973**
Permit Type:
Description: **JONATHAN WM SAPP - ,AL,EL,PL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 008360(HIST)
Status: Converted
Valuation: $20,000.00
Contractor Company:
Contractor Name: JONATHAN WM SAPP

Date: **7/12/1972**
Permit Type:
Description: **OPTI COPY HAWAII - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 19 - Other non residential
Permit Number: 121969(HIST < 1973)
Status: Converted
Valuation: $15,200.00
Contractor Company:
Contractor Name: PACIFIC CONST

Date: **4/12/1972**
Permit Type:
Description: **THE HAWAII CORP - ,AD**

Permit Description:
Work Class: ADDITION
Proposed Use: 7 - Industrial
Permit Number: 117236(HIST < 1973)
Status: Converted
Valuation: $3,000.00
Contractor Company:
Contractor Name: PACIFIC CONSTRUCTION CO INC

ADJOINING PROPERTY FINDINGS

Date: **12/2/1971**
Permit Type:
Description: **THE HAWAII CORP - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 12 - Office Building
Permit Number: 111848(HIST < 1973)
Status: Converted
Valuation: $7,000.00
Contractor Company:
Contractor Name: PACIFIC CONSTRUCTION INC

Date: **8/31/1971**
Permit Type:
Description: **WAIMANU ST DEV FOR HAWAII CORP - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 18 - Store
Permit Number: 107400(HIST < 1973)
Status: Converted
Valuation: $119,000.00
Contractor Company:
Contractor Name: PACIFIC CONSTR CO

Date: **8/27/1971**
Permit Type:
Description: **WAIMANU ST DEV FOR HAWAII CORP - ,AD,AL**

Permit Description:
Work Class: ADDITION, ALTERATION
Proposed Use: 12 - Office Building
Permit Number: 107318(HIST < 1973)
Status: Converted
Valuation: $93,000.00
Contractor Company:
Contractor Name: PACIFIC CONSTR CO

ADJOINING PROPERTY FINDINGS

Date: **4/6/1971**
Permit Type:
Description: **WAIMANU ST DEV FOR THE HAW COR - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 18 - Store
Permit Number: 099917(HIST < 1973)
Status: Converted
Valuation: $95,000.00
Contractor Company:
Contractor Name: PACIFIC CONSTRUCTION CO

869 KAWAIAHAO ST

Date: **3/15/2004**
Permit Type:
Description: **(BP #562549) [TMK: 21049037] KIYO'S TRANSMISSION---ORNAMENTAL IRONWORK FENCE/ TWO SLIDING DRIVEWAY GATES (MANUAL TRANSMISSION). IRON FENCING AT RIGHT SIDE OF PROPERTY**

Permit Description:
Work Class: RETAINING WALL
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 562549
Status: Permit application closed
Valuation: $21,000.00
Contractor Company:
Contractor Name: ISLAND FENCE INC

ADJOINING PROPERTY FINDINGS

870 KAWAIAHAO ST

Date:	**7/22/1993**
Permit Type:	
Description:	**HONOLULU ELECTRONICS - RP,EL,PL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	REPAIR, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	338685
Status:	Completed
Valuation:	$100,000.00
Contractor Company:	
Contractor Name:	HAWAII BLDG SYSTEMS

Date:	**9/4/1984**
Permit Type:	
Description:	**808 HAWAII INC. - EL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	197613
Status:	Completed
Valuation:	$800.00
Contractor Company:	
Contractor Name:	

Date:	**2/17/1976**
Permit Type:	
Description:	**TOSHIYUKI MASUDA - ,NB,EL,PL,DR**
Permit Description:	
Work Class:	NEW BUILDING, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	7 - Industrial
Permit Number:	061717(HIST)
Status:	Converted
Valuation:	$78,000.00
Contractor Company:	
Contractor Name:	Owner

ADJOINING PROPERTY FINDINGS

Date: **11/18/1975**
Permit Type:
Description: **TOSHIYUKI MASUDA - ,DM**

Permit Description:
Work Class: DEMOLITION
Proposed Use: 1 - Single Family
Permit Number: 058265(HIST)
Status: Converted
Valuation: $1,100.00
Contractor Company:
Contractor Name: ROYAL CROWN CORPORATION

876 KAWAIAHAO ST

Date: **5/31/2000**
Permit Type:
Description: **(BP #509156) [TMK: 21049041] PRECISION PRESS / to install one 277/480 volts 200 AMPS w/125 AMB-3 [P;E. 3 phase 4W 7 JAW W/ test block. Meter main to operate printing machine.**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 509156
Status: Permit application closed
Valuation: $1,400.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date: **6/15/1981**
Permit Type:
Description: **ETHEL'S DRESS SHOP - ,AL,EL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 155336(HIST)
Status: Converted
Valuation: $12,000.00
Contractor Company:
Contractor Name: TOMMY S. TOMA

Date: **8/14/1975**
Permit Type:
Description: **M/M HERBERT HONG - ,AD,AL,EL,PL**

Permit Description:
Work Class: ADDITION, ALTERATION, ELECTRICAL WORK, PLUMBING WO
Proposed Use: 7 - Industrial
Permit Number: 053612(HIST)
Status: Converted
Valuation: $64,000.00
Contractor Company:
Contractor Name: JAMES CONSTR CO INC

ADJOINING PROPERTY FINDINGS

901 KAWAIAHAO ST

Date:	**1/23/2008**
Permit Type:	
Description:	**(BP #622199) [TMK: 21049004] CAFE DUCK BUTT -- ELECTRICAL HOOKUP FOR SIGN**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	5 - Amusement, recreation
Permit Number:	622199
Status:	Permit application closed
Valuation:	$500.00
Contractor Company:	
Contractor Name:	NONE

Date:	**2/19/1993**
Permit Type:	
Description:	**YI - EL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	331383
Status:	Completed
Valuation:	$300.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **2/16/1993**
Permit Type:
Description: **BALLY CLUB - AL,EL,PL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 18 - Store
Permit Number: 331252
Status: Completed
Valuation: $100,000.00
Contractor Company:
Contractor Name: THE KNK CONSTRUCTION

Date: **1/7/1993**
Permit Type:
Description: **BALLY CLUB - FC**

Permit Description:
Work Class: FENCE
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 329576
Status: Completed
Valuation: $7,000.00
Contractor Company:
Contractor Name: POWER SEVEN CONST

Date: **12/9/1992**
Permit Type:
Description: **YI - AL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION
Proposed Use: 12 - Office Building
Permit Number: 328217
Status: Completed
Valuation: $10,000.00
Contractor Company:
Contractor Name: POWER SEVEN CONSTRUCTION

ADJOINING PROPERTY FINDINGS

902 KAWAIAHAO ST

Date:	**11/4/2004**
Permit Type:	
Description:	**(BP #572837) [TMK: 21049058] K & Y AUTO SERVICE -- Interior Alterations / Repair Existing Stairs & Install Drywall on Mezzanine Walls (AS BUILT)**
Permit Description:	
Work Class:	ALTERATION
Proposed Use:	9 - Garage (private)
Permit Number:	572837
Status:	Permit application closed
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	CAMPBELL INDUSTRIES

918 KAWAIAHAO ST

Date:	**11/19/2008**
Permit Type:	
Description:	**(BP #635113) [TMK: 21049057] CHUNG - UPGRADE ELECTRICAL METER FROM 100AMP TO 200AMP AT SAME LOCATION; REPLACE WIRING IN EXISTING SINGLE FAMILY DWELLING (2008/IBP10914)**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	1 - Single Family
Permit Number:	635113
Status:	Inspection(s) in Progress
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

Date: **5/13/2003**
Permit Type:
Description: **(BP #548726) [TMK: 21049057] STANFORD CHUNG---UPGRADE METER MAIN TO 200AMP; UPGRADE TWO METER MAINS TO 100AMP**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 2 - Two Family
Permit Number: 548726
Status: Permit application closed
Valuation: $4,100.00
Contractor Company:
Contractor Name: NONE

Date: **5/14/1974**
Permit Type:
Description: **OCEANIC CABLEVISION - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 030190(HIST)
Status: Converted
Valuation: $1,200.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

QUEEN ST

700 QUEEN ST

Date:	**8/28/1991**
Permit Type:	
Description:	**BISHOP TRUST CO - AL,RP,EL,PL,OT**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ALTERATION, REPAIR, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	306986
Status:	Completed
Valuation:	$160,000.00
Contractor Company:	
Contractor Name:	S/C PACIFIC CORP

Date:	**1/21/1988**
Permit Type:	
Description:	**BISHOP TRUST - EL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	249391
Status:	NK Status
Valuation:	$800.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

708 QUEEN ST

Date:	**6/6/2014**
Permit Type:	**Commercial**
Description:	**CLUB PATTAYA - ELECTRICAL SIGN HOOK-UP FOR CLUB PATTAYA (2014/IBP05229)**

Permit Description:	
Work Class:	ELECTRICAL
Proposed Use:	Other non residential
Permit Number:	748789
Status:	Inspection(s) in Progress
Valuation:	$500.00
Contractor Company:	
Contractor Name:	

Date:	**4/12/2001**
Permit Type:	
Description:	**(BP #520289) [TMK: 21048003] OK S HO - REVAMP ELECTRICAL SYSTEM & REPLACE EXISTING METER FOR EXISTING DWELLING**

Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	1 - Single Family
Permit Number:	520289
Status:	Permit application closed
Valuation:	$500.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

Date: **12/2/1997**
Permit Type:
Description: **A-AESTE SALON - RP**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: REPAIR
Proposed Use: 18 - Store
Permit Number: 411161
Status: Completed
Valuation: $5,000.00
Contractor Company:
Contractor Name: COLBURN BUILDERS

Date: **6/13/1995**
Permit Type:
Description: **CLUB WHISPER - RP**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: REPAIR
Proposed Use: 18 - Store
Permit Number: 370842
Status: Expired
Valuation: $2,000.00
Contractor Company:
Contractor Name: CHARLIE C CHU

Date: **9/30/1991**
Permit Type:
Description: **S12926 - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 308227
Status: Completed
Valuation: $100.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

716 QUEEN ST

Date:	**3/1/2004**
Permit Type:	
Description:	**(BP #561881) [TMK: 21048001] GOLDEN UPHOLSTERY - REROOF & RELOCATE EXISTING OFFICE**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	18 - Store
Permit Number:	561881
Status:	Permit application closed
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	CHU, CHARLEY

742 QUEEN ST

Date:	**6/9/1994**
Permit Type:	
Description:	**SUSHI CHEF - EL,PL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	353173
Status:	Completed
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **11/29/1978**
Permit Type:
Description: **A KASHIWAI - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 112234(HIST)
Status: Converted
Valuation: $500.00
Contractor Company:
Contractor Name: NONE

Date: **11/28/1978**
Permit Type:
Description: **LE EMERALD BAR - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use:
Permit Number: 112096-V(HIST)
Status: Converted
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **11/27/1978**
Permit Type:
Description: **ARTHUR KASHIWAI - ,PL**

Permit Description:
Work Class: PLUMBING WORK
Proposed Use:
Permit Number: 112075-V(HIST)
Status: Converted
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **11/21/1978**
Permit Type:
Description: **ARTHUR KASHIWAI - ,AL,EL,PL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 18 - Store
Permit Number: 111767(HIST)
Status: Converted
Valuation: $50,000.00
Contractor Company:
Contractor Name: DECK FORMS & WATERPROOFING

Date: **8/28/1978**
Permit Type:
Description: **WARRANTY SERVICES INC - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 107127(HIST)
Status: Converted
Valuation: $1,352.00
Contractor Company:
Contractor Name:

Date: **8/16/1978**
Permit Type:
Description: **HONOLULU TEXTILE PRINTING CO - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 106473(HIST)
Status: Converted
Valuation: $1,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **3/17/1971**
Permit Type:
Description: **KENDALL H HAWKINS - ,AL**

Permit Description:
Work Class: ALTERATION
Proposed Use: 18 - Store
Permit Number: 099106(HIST < 1973)
Status: Converted
Valuation: $1,200.00
Contractor Company:
Contractor Name: KENDALL H HAWKINS

753 QUEEN ST

Date: **3/12/1981**
Permit Type:
Description: **GEORGE SHIPMAN - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 151343(HIST)
Status: Converted
Valuation: $5,000.00
Contractor Company:
Contractor Name: NONE

Date: **6/2/1976**
Permit Type:
Description: **TIRE WAREHOUSE - ,OT**

Permit Description:
Work Class: OTHER WORK
Proposed Use: 7 - Industrial
Permit Number: 066890(HIST)
Status: Converted
Valuation: $370.00
Contractor Company:
Contractor Name: Owner

ADJOINING PROPERTY FINDINGS

Date: **9/13/1973**
Permit Type:
Description: **TIRE WAREHOUSE - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 016423(HIST)
Status: Converted
Valuation: $300.00
Contractor Company:
Contractor Name:

Date: **9/7/1973**
Permit Type:
Description: **TIRE WAREHOUSE - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 016137(HIST)
Status: Converted
Valuation: $400.00
Contractor Company:
Contractor Name:

Date: **2/23/1972**
Permit Type:
Description: **C H & Y ENTERPRISE INC - ,AD**

Permit Description:
Work Class: ADDITION
Proposed Use: 10 - Service Station
Permit Number: 114931(HIST < 1973)
Status: Converted
Valuation: $700.00
Contractor Company:
Contractor Name: C H & Y ENTERPRISE INC

ADJOINING PROPERTY FINDINGS

754 QUEEN ST

Date:	**4/16/2012**
Permit Type:	**Commercial**
Description:	**Ohana Pacific auto group - INTERIOR ALTERATIONS TO EXISTING SHOP OFFICE AND NEW PAINT BOOTH**
Permit Description:	
Work Class:	ASSEMBLY PLANT, REPAIR GARAGE/SHOP
Proposed Use:	Industrial
Permit Number:	690023
Status:	Inspection(s) in Progress
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	WOO'S CONSTRUCTION, SUK KEUN WOO

762 QUEEN ST

Date:	**8/31/2011**
Permit Type:	**Commercial**
Description:	**NUMBER EIGHT - ALTERATION TO EXISTING SPACE [THIRD PARTY REVIEW] STRUCTURAL DRAWINGS FOR ROOF 668113/A**
Permit Description:	
Work Class:	OFFICE, 1 TO 3 STORIES
Proposed Use:	Office Building
Permit Number:	668113
Status:	Permit application closed
Valuation:	$85,000.00
Contractor Company:	
Contractor Name:	TECHNE CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**1/22/2001**
Permit Type:	
Description:	**(BP #517434) [TMK: 21049023] TOMMY OKUHARA - REPLACE ROLL-UP DOOR & REMOVE WOOD WALLS.**
Permit Description:	
Work Class:	ALTERATION, REPAIR
Proposed Use:	18 - Store
Permit Number:	517434
Status:	Permit application closed
Valuation:	$3,800.00
Contractor Company:	
Contractor Name:	OKUHARA, TOMMY

Date:	**12/4/1992**
Permit Type:	
Description:	**SHIROMA - RP,EL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	REPAIR, ELECTRICAL WORK
Proposed Use:	10 - Service Station
Permit Number:	328093
Status:	Completed
Valuation:	$40,000.00
Contractor Company:	
Contractor Name:	RARWEST ROOFING/IMPROV AGENCY

ADJOINING PROPERTY FINDINGS

765 QUEEN ST

Date: **11/17/1980**
Permit Type:
Description: **JIM TAVARES - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 146528(HIST)
Status: Converted
Valuation: $250.00
Contractor Company:
Contractor Name: NONE

Date: **5/9/1973**
Permit Type:
Description: **BOOK JOBBERS HAWAII INC - ,AL,EL,PL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 007884(HIST)
Status: Converted
Valuation: $1,500.00
Contractor Company:
Contractor Name: BOOK JOBBERS HAWAII INC

Date: **4/13/1973**
Permit Type:
Description: **BOOK JOBBERS HAWAII INC - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 006301(HIST)
Status: Converted
Valuation: $500.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **2/22/1973**
Permit Type:
Description: **BOOK JOBBERS HAWAII INC - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 002720(HIST)
Status: Converted
Valuation: $300.00
Contractor Company:
Contractor Name:

806 QUEEN ST

Date: **7/13/1998**
Permit Type:
Description: **PACIFIC CENTURY - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 419666
Status: Completed
Valuation: $6,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

812 QUEEN ST

Date:	**6/26/2013**
Permit Type:	**Commercial**
Description:	**Great People (Richard Farias) - Remove existing 3 phase 200 amp meter & relocate to front of building; Replace sub main electric panel**

Permit Description:	
Work Class:	AUTO REPAIR SHOP
Proposed Use:	Industrial
Permit Number:	726367
Status:	Inspection(s) in Progress
Valuation:	$1,600.00
Contractor Company:	
Contractor Name:	

Date:	**7/27/1973**
Permit Type:	
Description:	**CAL & DOT AUTO TRUCK PAINTING - ,AL,EL,PL**

Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	10 - Service Station
Permit Number:	013379(HIST)
Status:	Converted
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	CAL & DOT AUTO TRUCK PAINTING

ADJOINING PROPERTY FINDINGS

815 QUEEN ST

Date:	**12/20/2013**
Permit Type:	**Commercial**
Description:	**11/4 Kapalama Pet Hospital - New solar photovoltaic system PV Mfr & Model No.: Canadian Solar CS6P-250P; COUNT: 112 Inverter Mfr & Model No.: Fronius brand IG Plus V 11.4-3; COUNT: 2 # of PV Circuits: 8**
Permit Description:	
Work Class:	ELECTRICAL
Proposed Use:	Office Building
Permit Number:	739914
Status:	Inspection(s) in Progress
Valuation:	$112,000.00
Contractor Company:	
Contractor Name:	Sparkman, James

Date:	**12/3/2010**
Permit Type:	
Description:	**(BP #664781) [TMK: 21050034] KAKA'AKO PET HOSPITAL - ELECTRICAL HOOK-UP FOR NEW SIGN**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	664781
Status:	Inspection(s) in Progress
Valuation:	$500.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

Date:	**1/21/2010**
Permit Type:	
Description:	**(BP #651835) [TMK: 21050034] KAKAAKO PET HOSPITAL - DEMOLITION OF EXISTING 1 STORY PARKING STRUCTURE WITH PARTIAL CMU WALL TO REMAIN**
Permit Description:	
Work Class:	DEMOLITION
Proposed Use:	9 - Garage (private)
Permit Number:	651835
Status:	Permit application closed
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	HOMEWORKS CONSTRUCTION Attn: Jim Byxbee, President

Date:	**1/21/2010**
Permit Type:	
Description:	**(BP #651836) [TMK: 21050034] 7/36 KAKAAKO PET HOSPITAL -- NEW ONE STORY PET HOSPITAL (2009/IBP03831)**
Permit Description:	
Work Class:	NEW BUILDING, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	12 - Office Building
Permit Number:	651836
Status:	Permit application closed
Valuation:	$300,000.00
Contractor Company:	
Contractor Name:	HOMEWORKS CONSTRUCTION Attn: Jim Byxbee, President

ADJOINING PROPERTY FINDINGS

Date:	**1/21/2010**
Permit Type:	
Description:	**(BP #651838) [TMK: 21050034] KAKAAKO PET HOSPITAL -- SITEWORK TO INCLUDE 6'-0" MAX HT CHAIN LINK FENCE WITH 24' WIDE SLIDING GATE @ FRONT AND 6'-0" MAX HT CHAIN LINK FENCE @ RIGHT SIDE OF THE PROPERTY, DRIVEWAY AND PARKING AREA (2009/IBP03831)**
Permit Description:	
Work Class:	PLUMBING WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	651838
Status:	Permit application closed
Valuation:	$15,000.00
Contractor Company:	
Contractor Name:	HOMEWORKS CONSTRUCTION Attn: Jim Byxbee, President

Date:	**5/2/2006**
Permit Type:	
Description:	**(BP #595883) [TMK: 21050034] NSHE MONACA LLC -- DEMOLITION OF AN EXISTING TWO- STORY STRUCTURE (CHURCH)**
Permit Description:	
Work Class:	DEMOLITION
Proposed Use:	6 - Church
Permit Number:	595883
Status:	Permit application closed
Valuation:	$3,000.00
Contractor Company:	
Contractor Name:	HOMEWORKS CONSTRUCTION Attn: Jim Byxbee, President

ADJOINING PROPERTY FINDINGS

Date: **5/3/1978**
Permit Type:
Description: **KEWALO HOLY GHOST - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 6 - Church
Permit Number: 100461(HIST)
Status: Converted
Valuation: $998.00
Contractor Company:
Contractor Name: NONE

Date: **6/29/1976**
Permit Type:
Description: **CHURCH OF HOLY GHOST - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use:
Permit Number: 068401-V(HIST)
Status: Converted
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **8/8/1975**
Permit Type:
Description: **CHURCH OF HOLY GHOST - ,NB,EL**

Permit Description:
Work Class: NEW BUILDING, ELECTRICAL WORK
Proposed Use: 6 - Church
Permit Number: 053332(HIST)
Status: Converted
Valuation: $24,000.00
Contractor Company:
Contractor Name: DAY T HILBORN

ADJOINING PROPERTY FINDINGS

816 QUEEN ST

Date: **9/19/1979**
Permit Type:
Description: **QUENZER DRISCOLL DAWSON - ,AL,EL,PL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 127988(HIST)
Status: Converted
Valuation: $100,000.00
Contractor Company:
Contractor Name: S IWANE INC

Date: **4/6/1979**
Permit Type:
Description: **LAWRENCE LEE - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use:
Permit Number: 118837-V(HIST)
Status: Converted
Valuation: $0.00
Contractor Company:
Contractor Name: NONE

Date: **12/21/1978**
Permit Type:
Description: **LAWRENCE K W LEE - ,PL**

Permit Description:
Work Class: PLUMBING WORK
Proposed Use:
Permit Number: 113497-V(HIST)
Status: Converted
Valuation: $0.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date: **7/19/1978**
Permit Type:
Description: **MR LAWRENCE K W LEE - ,NB,EL,PL**

Permit Description:
Work Class: NEW BUILDING, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 104795(HIST)
Status: Converted
Valuation: $120,000.00
Contractor Company:
Contractor Name: MUNRO BURNS

831 QUEEN ST

Date: **7/3/1995**
Permit Type:
Description: **LION COFFEE - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 372095
Status: Completed
Valuation: $6,700.00
Contractor Company:
Contractor Name:

Date: **12/6/1994**
Permit Type:
Description: **LION COFFEE - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 362478
Status: Completed
Valuation: $500.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **4/23/1990**
Permit Type:
Description: **LION COFFEE - AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 284310
Status: Completed
Valuation: $15,000.00
Contractor Company:
Contractor Name: PIONEER CONTRACTING

Date: **3/22/1990**
Permit Type:
Description: **LION COFFEE - AL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION
Proposed Use: 7 - Industrial
Permit Number: 282893
Status: Completed
Valuation: $15,000.00
Contractor Company:
Contractor Name: PIONEER CONTRACTING CO.

Date: **12/14/1984**
Permit Type:
Description: **LION COFFEE - EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 201693
Status: Completed
Valuation: $8,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **12/5/1978**
Permit Type:
Description: **KOKUA SALES - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 112554(HIST)
Status: Converted
Valuation: $1,500.00
Contractor Company:
Contractor Name:

Date: **12/12/1975**
Permit Type:
Description: **KOKUA SALES - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 12 - Office Building
Permit Number: 059329(HIST)
Status: Converted
Valuation: $400.00
Contractor Company:
Contractor Name: NONE

832 QUEEN ST

Date: **6/21/1995**
Permit Type:
Description: **ELEC EQPMT-RETROFIT - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 371352
Status: Completed
Valuation: $250.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **8/22/1973**
Permit Type:
Description: **ELECTRICAL DISTRIBUTORS CO LTD - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 015049(HIST)
Status: Converted
Valuation: $100.00
Contractor Company:
Contractor Name:

Date: **7/2/1973**
Permit Type:
Description: **MR RICHARD YAMAOKA - ,AL,DM,EL,PL**

Permit Description:
Work Class: ALTERATION, DEMOLITION, ELECTRICAL WORK, PLUMBING
Proposed Use: 12 - Office Building
Permit Number: 011314(HIST)
Status: Converted
Valuation: $10,000.00
Contractor Company:
Contractor Name: KENNETH SHIOI & CO LTD

839 QUEEN ST

Date: **4/20/2005**
Permit Type:
Description: **(BP #579114) [TMK: 21050036] WE SELL THINGS 4 YOU / WALL SIGN WIRING**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 579114
Status: Permit application closed
Valuation: $500.00
Contractor Company:
Contractor Name: NONE

ADJOINING PROPERTY FINDINGS

Date: **1/3/1986**
Permit Type:
Description: **ROLF'S PASTRY - EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 218574
Status: Completed
Valuation: $10,000.00
Contractor Company:
Contractor Name:

Date: **9/9/1982**
Permit Type:
Description: **ARTURO'S TORTILLA - AL,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 171797
Status: Completed
Valuation: $5,000.00
Contractor Company:
Contractor Name: EUGENE GALL

Date: **7/22/1980**
Permit Type:
Description: **GEO SHIPMAN WHSE - ,NB,EL,PL,DR**

Permit Description:
Work Class: NEW BUILDING, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 141982(HIST)
Status: Converted
Valuation: $200,000.00
Contractor Company:
Contractor Name: NOBU OKUHARA INC

ADJOINING PROPERTY FINDINGS

844 QUEEN ST

Date:	**12/18/2006**
Permit Type:	
Description:	**(BP #606327) [TMK: 21049015] THOMAS UENO, CPA - ELECTRICAL WIRING FOR NEW PROJECTING SIGN**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	606327
Status:	Permit application closed
Valuation:	$500.00
Contractor Company:	
Contractor Name:	NONE

Date:	**3/22/2005**
Permit Type:	
Description:	**(BP #577915) [TMK: 21049015] Capone's Ultimate Detail - electrical hook-up for 2 wall signs**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	7 - Industrial
Permit Number:	577915
Status:	Permit application closed
Valuation:	$500.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

Date:	**4/8/2002**
Permit Type:	
Description:	**(BP #533216) [TMK: 21049015] RELSON GRACIE / GRACIE BROTHERS JUJITSU - Install 2 showers on 2nd floor**
Permit Description:	
Work Class:	PLUMBING WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	533216
Status:	Permit application closed
Valuation:	$500.00
Contractor Company:	
Contractor Name:	NONE

Date:	**3/16/2000**
Permit Type:	
Description:	**(BP #506152) [TMK: 21049015] RELSON GRACIE / GRACIE BROTHERS JUJITSU / INTERIOR ELECTRICAL ONLY - UPGRADE ELECTRICAL / ELECTRICAL FOR EXIT SIGNS**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	506152
Status:	Permit application closed
Valuation:	$600.00
Contractor Company:	
Contractor Name:	BLDG FILE COPY ONLY

ADJOINING PROPERTY FINDINGS

Date:	**9/25/1973**
Permit Type:	
Description:	**BILL KOMODA - ,NB,EL,PL**
Permit Description:	
Work Class:	NEW BUILDING, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	7 - Industrial
Permit Number:	017176(HIST)
Status:	Converted
Valuation:	$90,000.00
Contractor Company:	
Contractor Name:	PAUL S TERUYA CO

845 QUEEN ST

Date:	**4/22/2008**
Permit Type:	
Description:	**(BP #625822) [TMK: 21050037] TINA KANESHIRO - ALTERATION TO EX. 2 STORY BUILDING (2008/IBP3420)**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	625822
Status:	Permit application closed
Valuation:	$34,000.00
Contractor Company:	
Contractor Name:	YANOS EDISON A

ADJOINING PROPERTY FINDINGS

Date: **1/26/1994**
Permit Type:
Description: **BUSINESS LETTER SVCS - PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: PLUMBING WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 347645
Status: Completed
Valuation: $1,000.00
Contractor Company:
Contractor Name:

Date: **10/31/1978**
Permit Type:
Description: **BUSINESS LETTER SERVICE INC - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 110719(HIST)
Status: Converted
Valuation: $400.00
Contractor Company:
Contractor Name:

Date: **3/5/1975**
Permit Type:
Description: **YAMATO FRESH NOODLE INC - ,AL,EL,PL**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 12 - Office Building
Permit Number: 044685(HIST)
Status: Converted
Valuation: $5,000.00
Contractor Company:
Contractor Name: Owner

ADJOINING PROPERTY FINDINGS

848 QUEEN ST

Date:	**5/1/1989**
Permit Type:	
Description:	**EDDIE CHAN - NB,EL,PL**
Permit Description:	**1 - New**
Work Class:	NEW BUILDING, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	7 - Industrial
Permit Number:	268728
Status:	Completed
Valuation:	$70,000.00
Contractor Company:	
Contractor Name:	LARRY CHAN

Date:	**4/7/1989**
Permit Type:	
Description:	**CHAN - FN,PL**
Permit Description:	
Work Class:	PLUMBING WORK,FOUNDATION
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	267756
Status:	Completed
Valuation:	$22,500.00
Contractor Company:	
Contractor Name:	LARRY CHAN

Date:	**4/14/1988**
Permit Type:	
Description:	**KAWATA - DM**
Permit Description:	**7 - Demolition**
Work Class:	DEMOLITION
Proposed Use:	1 - Single Family
Permit Number:	252529
Status:	Completed
Valuation:	$2,390.00
Contractor Company:	
Contractor Name:	KUHIO BLDRS

ADJOINING PROPERTY FINDINGS

Date: **7/31/1974**
Permit Type:
Description: **BELINDA ROGERS - ,PL**

Permit Description:
Work Class: PLUMBING WORK
Proposed Use: 1 - Single Family
Permit Number: 035082(HIST)
Status: Converted
Valuation: $18.00
Contractor Company:
Contractor Name:

851 QUEEN ST

Date: **11/18/2013**
Permit Type: **Commercial**
Description: **Oceanic Time Warner Cable - Wall Repairs -- Repair / Replace with similar materials (at rear / exterior CMU Wall) (2013/IBP12752)**

Permit Description:
Work Class: OTHER
Proposed Use: Industrial
Permit Number: 737532
Status: Inspection(s) in Progress
Valuation: $30,000.00
Contractor Company:
Contractor Name: HIDANO CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**11/8/2013**
Permit Type:	**Commercial**
Description:	**Oceanic Time Warner -- Alteration to existg warehouse to include new 72' max ht vinyl fence. [THIRD PARTY REVIEW]**
Permit Description:	
Work Class:	FACTORY OR WAREHOUSE W/ RESIDENCE ABOVE
Proposed Use:	Industrial
Permit Number:	732488
Status:	Permit application closed
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	HIDANO CONSTRUCTION

Date:	**9/29/1994**
Permit Type:	
Description:	**OCEANIC CABLE - AL,EL,PL,OT**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use:	7 - Industrial
Permit Number:	358996
Status:	Completed
Valuation:	$51,000.00
Contractor Company:	
Contractor Name:	ALLSTATES BLDRS

ADJOINING PROPERTY FINDINGS

852 QUEEN ST

Date:	**5/2/1996**
Permit Type:	
Description:	**ROGERS PRINTING - EL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	387669
Status:	Completed
Valuation:	$3,500.00
Contractor Company:	
Contractor Name:	

Date:	**4/21/1981**
Permit Type:	
Description:	**COCONUTEES - ,EL**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	152892(HIST)
Status:	Converted
Valuation:	$150.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

858 QUEEN ST

Date:	**11/18/2004**
Permit Type:	
Description:	**(BP #573356) [TMK: 21049012] WAYNE'S AUTO ELECTRIC -- New Storage Shed (AS BUILT)**

Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	16 - Shed
Permit Number:	573356
Status:	Permit application closed
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	CAMPBELL MARK G

Date:	**1/24/1978**
Permit Type:	
Description:	**WAYNES AUTO ELECTRIC INC - ,EL**

Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	095399(HIST)
Status:	Converted
Valuation:	$100.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

Date: **4/15/1974**
Permit Type:
Description: **WAYNES AUTO SUPPLY - ,NB,EL,PL**

Permit Description:
Work Class: NEW BUILDING, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 028334(HIST)
Status: Converted
Valuation: $40,000.00
Contractor Company:
Contractor Name: ROBERT KAYA

Date: **10/31/1972**
Permit Type:
Description: **ERNEST KIMURA - ,FC**

Permit Description:
Work Class: FENCE
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 127696(HIST < 1973)
Status: Converted
Valuation: $250.00
Contractor Company:
Contractor Name: ERNEST KIMURA

Date: **7/21/1972**
Permit Type:
Description: **ERNEST K KIMURA - ,DM**

Permit Description:
Work Class: DEMOLITION
Proposed Use: 1 - Single Family
Permit Number: 122546(HIST < 1973)
Status: Converted
Valuation: $300.00
Contractor Company:
Contractor Name: ERNEST K KIMURA

ADJOINING PROPERTY FINDINGS

859 QUEEN ST

Date:	**9/15/1993**
Permit Type:	
Description:	**CITY FENDER & BODY - EL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	341419
Status:	Completed
Valuation:	$2,000.00
Contractor Company:	
Contractor Name:	

Date:	**4/24/1972**
Permit Type:	
Description:	**ERNEST KIMURA - ,AL**
Permit Description:	
Work Class:	ALTERATION
Proposed Use:	10 - Service Station
Permit Number:	117850(HIST < 1973)
Status:	Converted
Valuation:	$12,000.00
Contractor Company:	
Contractor Name:	ERNEST KIMURA

ADJOINING PROPERTY FINDINGS

878 QUEEN ST

Date:	**9/11/2012**
Permit Type:	**Commercial**
Description:	**TAKANE PROPERTIES - REMOVE 100 AMP 1 PH SERVICE DROP, REMOVE 100 AMP 3 PH SERVICE DROP, UPGRADE EXISTING 3 PH METER FROM 100 AMP TO 200 AMP.**
Permit Description:	
Work Class:	ELECTRICAL
Proposed Use:	Other non residential
Permit Number:	701439
Status:	Inspection(s) in Progress
Valuation:	$4,000.00
Contractor Company:	
Contractor Name:	SIU'S ELECTRIC CORP

Date:	**10/29/1997**
Permit Type:	
Description:	**KIYO'S TANSMISSION - RP**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	REPAIR
Proposed Use:	10 - Service Station
Permit Number:	409804
Status:	Completed
Valuation:	$35,000.00
Contractor Company:	
Contractor Name:	S & M WELDING CO LTD

ADJOINING PROPERTY FINDINGS

Date:	**7/8/1986**
Permit Type:	
Description:	**KIYO'S TRANSMISSION - AD,AL**
Permit Description:	**4 - Addition, alteration or repair (no change in units)**
Work Class:	ADDITION, ALTERATION
Proposed Use:	7 - Industrial
Permit Number:	225904
Status:	Completed
Valuation:	$4,000.00
Contractor Company:	
Contractor Name:	RMC Builders

Date:	**5/12/1972**
Permit Type:	
Description:	**KIYO'S TRANSMISSION SHOP - ,AL**
Permit Description:	
Work Class:	ALTERATION
Proposed Use:	10 - Service Station
Permit Number:	118937(HIST < 1973)
Status:	Converted
Valuation:	$2,500.00
Contractor Company:	
Contractor Name:	KIYO'S TRANSMISSION SHOP

ADJOINING PROPERTY FINDINGS

885 QUEEN ST

Date:	**7/9/2012**
Permit Type:	**Commercial**
Description:	**AMBIANCE CARE LLC -- INTERIOR ALTERATIONS TO INCLUDE CONVERTING EXISTING RETAIL SPACE TO ADULT DAY CARE. (2012/IBP05238) --- 7/9/12 - CHANGE GENERAL FROM JR ROOTER TO NOEL MADAMBA CONTRACTING**
Permit Description:	
Work Class:	OTHER (ZOO,DETENTION,DAY CARE,NURSING)
Proposed Use:	Other non residential
Permit Number:	694365
Status:	Permit application closed
Valuation:	$20,000.00
Contractor Company:	
Contractor Name:	NOEL MADAMBA CONTRACTING LLC

Date:	**11/15/2007**
Permit Type:	
Description:	**(BP #619925) [TMK: 21050042] WHOLESALE MATTRESS CO. - SIGN HOOK UP**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	619925
Status:	Permit application closed
Valuation:	$250.00
Contractor Company:	
Contractor Name:	NONE

ADJOINING PROPERTY FINDINGS

Date:	**10/18/2007**
Permit Type:	
Description:	**(BP #618781) [TMK: 21050042] Hamada Store - Hamada Store Exterior renovation. No electrical or plumbing work. No increase in floor area. [THIRD PARTY REVIEW]**
Permit Description:	
Work Class:	ALTERATION
Proposed Use:	18 - Store
Permit Number:	618781
Status:	Permit application closed
Valuation:	$30,000.00
Contractor Company:	
Contractor Name:	LEWIS, TRACY A.

WAIMANU ST

815 WAIMANU ST

Date:	**8/27/2014**
Permit Type:	**Commercial**
Description:	**Kakaako FItness - Addition / alteration to existing warehouse & convert to fitness gym [THIRD PARTY REVIEW]**
Permit Description:	
Work Class:	NOT FIREPROOF, 1-2 STY FACTORY OR WHSE
Proposed Use:	Amusement, recreation
Permit Number:	752993
Status:	Inspection(s) in Progress
Valuation:	$250,000.00
Contractor Company:	
Contractor Name:	RMY CONSTRUCTION INC

ADJOINING PROPERTY FINDINGS

Date:	**7/1/2010**
Permit Type:	
Description:	**(BP #658188) [TMK: 21049076] 6/42 RMY CONSTRUCTION INC. -- NEW PHOTOVOLTAIC SYSTEM ON EXISTING WAREHOUSE (2010/IBP05451)**
Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	7 - Industrial
Permit Number:	658188
Status:	Permit application closed
Valuation:	$164,000.00
Contractor Company:	
Contractor Name:	PACIFIC ISLANDS GROUP LLC William Hartford (BC-26375)

Date:	**5/13/2010**
Permit Type:	
Description:	**(BP #656291) [TMK: 21049076] 815 WAIMANU ST - RMY Construction - Demolition of 3 story office building at front left of property - Debris to be taken to PVT landfill.**
Permit Description:	
Work Class:	DEMOLITION
Proposed Use:	7 - Industrial
Permit Number:	656291
Status:	Permit application closed
Valuation:	$5,000.00
Contractor Company:	
Contractor Name:	AMAZON CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**4/20/2010**
Permit Type:	
Description:	**(BP #655306) [TMK: 21049076] RMY CONSTRUCTION - New CMU Fence, 6' max height at front of structure.**
Permit Description:	
Work Class:	
Proposed Use:	18 - Store
Permit Number:	655306
Status:	Permit application closed
Valuation:	$3,720.00
Contractor Company:	
Contractor Name:	RMY CONSTRUCTION INC

Date:	**11/13/2009**
Permit Type:	
Description:	**(BP #649278) [TMK: 21049076] RMY Construction - Demolish and remove the existing storage shed. All debris to PVT Land Co., Ltd. in Nanakuli. (2009/IBP09929)**
Permit Description:	
Work Class:	DEMOLITION
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	649278
Status:	Permit application closed
Valuation:	$3,500.00
Contractor Company:	
Contractor Name:	AMAZON CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date:	**8/19/2009**
Permit Type:	
Description:	**(BP #645822) [TMK: 21049076] 5/13 RMY CONSTRUCTION - NEW WAREHOUSE BUILDING**
Permit Description:	
Work Class:	NEW BUILDING, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	18 - Store
Permit Number:	645822
Status:	Inspection(s) in Progress
Valuation:	$650,000.00
Contractor Company:	
Contractor Name:	DAVID'S CONSTRUCTION

Date:	**7/15/1998**
Permit Type:	
Description:	**RMY CONST - DR**
Permit Description:	
Work Class:	
Proposed Use:	20 - Structure other than building & unclassified
Permit Number:	419781
Status:	Completed
Valuation:	$1,000.00
Contractor Company:	
Contractor Name:	RMY CONST

ADJOINING PROPERTY FINDINGS

875 WAIMANU ST

Date:	**7/23/2014**
Permit Type:	**Commercial**
Description:	**875 WAIMANU ST //Sprint -- HI03XC385 -- Modification to ex.telecommunication facility. [THIRD PARTY REVIEW]**
Permit Description:	
Work Class:	MULTI-STORY FIREPROOF FACTORY OR WHSE
Proposed Use:	Industrial
Permit Number:	751287
Status:	Inspection(s) in Progress
Valuation:	$51,450.00
Contractor Company:	
Contractor Name:	GREEN PACIFIC CONSTRUCTION HI LLC

Date:	**1/10/2013**
Permit Type:	**Commercial**
Description:	**(8/56) 875 Waimanu St - Kakaako Commerce Center - HNLLHIU0521 - AT&T - NEW ANTENNAS & EQUIPMENT -- 10/16/13 -Recieved approved, revised plans to accept changes made on E-3 of plan set showing AT&T power conduits from elec**
Permit Description:	
Work Class:	MULTI-STORY FIREPROOF FACTORY OR WHSE
Proposed Use:	Office Building
Permit Number:	714116
Status:	Inspection(s) in Progress
Valuation:	$242,300.00
Contractor Company:	
Contractor Name:	LEGACY WIRELESS CONTRUCTION INC

ADJOINING PROPERTY FINDINGS

899 WAIMANU ST

Date:	**7/10/2012**
Permit Type:	**Commercial**
Description:	**DIAMOND HEAD SPRINKLER - NEW SOLAR PHOTOVOLTAIC SYSTEM**

Permit Description:	
Work Class:	OFFICE, 1 TO 3 STORIES
Proposed Use:	Office Building
Permit Number:	690608
Status:	Permit application closed
Valuation:	$40,000.00
Contractor Company:	
Contractor Name:	Sparkman, James

Date:	**11/20/2001**
Permit Type:	
Description:	**(BP #528767) [TMK: 21049054] BOB BOSLEY / add a/c equipment. 4/9/02 CHANGE ELEC TO BRIAN THE ELECTRICIAN #55756.**

Permit Description:	
Work Class:	ELECTRICAL WORK
Proposed Use:	12 - Office Building
Permit Number:	528767
Status:	Permit application closed
Valuation:	$10,000.00
Contractor Company:	
Contractor Name:	EIRHART CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **5/9/2001**
Permit Type:
Description: **(BP #521269) [TMK: 21049054] DIAMOND HEAD SPRINKLER SUPPLY - NEW INTERIOR OFFICE PARTITION**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 521269
Status: Permit application closed
Valuation: $2,000.00
Contractor Company:
Contractor Name: REEDESIGN BUILDERS I

Date: **1/19/1996**
Permit Type:
Description: **DIAMOND HEAD SPRINKL - AL,RP,EL,PL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, REPAIR, ELECTRICAL WORK, PLUMBING WORK
Proposed Use: 7 - Industrial
Permit Number: 382548
Status: Completed
Valuation: $10,000.00
Contractor Company:
Contractor Name: KAKAAKO MILLWORK

Date: **4/11/1994**
Permit Type:
Description: **DIAMOND HD SPRINKLER - AL,EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 7 - Industrial
Permit Number: 350688
Status: Completed
Valuation: $40,000.00
Contractor Company:
Contractor Name: REEDESIGN BLDRS

ADJOINING PROPERTY FINDINGS

Date: **10/4/1973**
Permit Type:
Description: **PATRICK SARSFIELD - ,PL**

Permit Description:
Work Class: PLUMBING WORK
Proposed Use: 1 - Single Family
Permit Number: 017813(HIST)
Status: Converted
Valuation: $42.00
Contractor Company:
Contractor Name:

Date: **12/15/1972**
Permit Type:
Description: **THE FOUNDRY - ,AD**

Permit Description:
Work Class: ADDITION
Proposed Use: 18 - Store
Permit Number: 129776(HIST < 1973)
Status: Converted
Valuation: $5,000.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

904 WAIMANU ST

Date:	**11/4/2010**
Permit Type:	
Description:	**(BP #663412) [TMK: 21049075] BUSTER'S REPAIR SERVICE, INC. -- REPLACE EXISTING 350 AMP MAIN WITH NEW. SAME LOCATION. (2010/IBP10900)**
Permit Description:	
Work Class:	
Proposed Use:	10 - Service Station
Permit Number:	663412
Status:	Permit application closed
Valuation:	$1,500.00
Contractor Company:	
Contractor Name:	NONE

Date:	**9/15/2005**
Permit Type:	
Description:	**(BP #585882) [TMK: 21049075] BUSTER'S REPAIR SERVICE INC - NEW PAINT SPRAY BOOTH TO REPLACE EXISTING BOOTH**
Permit Description:	
Work Class:	ALTERATION, ELECTRICAL WORK, PLUMBING WORK
Proposed Use:	10 - Service Station
Permit Number:	585882
Status:	Inspection(s) in Progress
Valuation:	$85,000.00
Contractor Company:	
Contractor Name:	NATIONAL CONTRACTING

ADJOINING PROPERTY FINDINGS

Date: **1/8/1991**
Permit Type:
Description: **BUSTER'S REPAIR SVC - AL,EL,OT**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK, OTHER WORK
Proposed Use: 10 - Service Station
Permit Number: 296559
Status: Completed
Valuation: $3,000.00
Contractor Company:
Contractor Name: Owner

Date: **10/7/1987**
Permit Type:
Description: **BUSTER'S REPAIR SHOP - AL,EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ALTERATION, ELECTRICAL WORK
Proposed Use: 10 - Service Station
Permit Number: 245377
Status: Completed
Valuation: $10,000.00
Contractor Company:
Contractor Name: CAN BUILDERS

Date: **11/4/1976**
Permit Type:
Description: **TONGG PUBLISHING CO - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use:
Permit Number: 074861-V(HIST)
Status: Converted
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **7/12/1976**
Permit Type:
Description: **TONGG PUBLISHING CO - ,AL,EL,PL,OT**

Permit Description:
Work Class: ALTERATION, ELECTRICAL WORK, PLUMBING WORK, OTHER
Proposed Use: 18 - Store
Permit Number: 069109(HIST)
Status: Converted
Valuation: $40,000.00
Contractor Company:
Contractor Name: CHARLES I OTSUKA INC

Date: **4/3/1973**
Permit Type:
Description: **MERCANTILE PRINTING - ,EL**

Permit Description:
Work Class: ELECTRICAL WORK
Proposed Use: 18 - Store
Permit Number: 005566(HIST)
Status: Converted
Valuation: $400.00
Contractor Company:
Contractor Name:

919 WAIMANU ST

Date: **5/26/1995**
Permit Type:
Description: **AUTO GLASS CO - EL**

Permit Description: **4 - Addition, alteration or repair (no change in units)**
Work Class: ELECTRICAL WORK
Proposed Use: 20 - Structure other than building & unclassified
Permit Number: 370089
Status: Completed
Valuation: $200.00
Contractor Company:
Contractor Name:

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

2014-0228
803 Waimanu Street
Honolulu, HI 96813

Inquiry Number: 4163300.9s
January 8, 2015

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600-10).

STANDARD ENVIRONMENTAL RECORDS	Maximum Search Distance*	Summary		
		property	1/10	1/10 - 1/3
Federal NPL	0.333	0	0	0
Federal CERCLIS	0.333	0	0	0
Federal RCRA CORRACTS facilities list	0.333	0	0	0
Federal RCRA TSD facilities list	0.333	0	0	0
Federal RCRA generators list	property	0	-	-
Federal institutional controls / engineering controls registries	0.333	0	0	0
Federal ERNS list	property	0	-	-
State and tribal - equivalent NPL	not searched	-	-	-
State and tribal - equivalent CERCLIS	0.333	0	3	4
State and tribal landfill / solid waste disposal	0.333	0	0	0
State and tribal leaking storage tank lists	0.333	0	4	6
State and tribal registered storage tank lists	property	0	-	-
State and tribal institutional control / engineering control registries	property	0	-	-
State and tribal voluntary cleanup sites	0.333	0	0	0
State and tribal Brownfields sites	0.333	0	0	0
Other Standard Environmental Records	0.333	0	2	5

HISTORICAL USE RECORDS				
Former manufactured Gas Plants	0.333	0	0	0
Historical Gas Stations	0.25	1	10	1
Historical Dry Cleaners	0.25	0	0	0
Exclusive Recovered Govt. Archives	property	0	-	-

*Each category may include several separate databases, each having a different search distance. For each category, the table reports the maximum search distance applied. See the section 'Record Sources and Currency' for information on individual databases.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

2014-0228
803 WAIMANU STREET
HONOLULU, HI 96813

COORDINATES

Latitude (North):	21.3003 - 21° 18′ 1.0821533″
Longitude (West):	157.8548 - 157° 51′ 17.270508″
Elevation:	3 ft. above sea level

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

Site	Database(s)
803 WAIMANU ST 803 WAIMANU ST HONOLULU, HI 96813	EDR US Hist Auto Stat

EXECUTIVE SUMMARY

PHYSICAL SETTING INFORMATION

Flood Zone:	Available
NWI Wetlands:	Available

AQUIFLOW®

Search Radius: 0.333 Mile.

No Aquiflow sites reported.

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:	gravelly sandy loam
Hydrologic Group:	Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.
Soil Drainage Class:	Well drained
Hydric Status:	Not hydric
Corrosion Potential - Uncoated Steel:	High
Depth to Bedrock Min:	> 152 inches
Depth to Watertable Min:	> 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	gravelly sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.41	Max: 7.3 Min: 6.1

EXECUTIVE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	5 inches	59 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 1.41	Max: 7.3 Min: 6.1
3	59 inches	70 inches	bedrock	Not reported	Not reported	Max: 0.42 Min: 0.02	Max: Min:

Soil Map ID: 2

Soil Component Name: Makiki

Soil Surface Texture: clay loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	20 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4.23	Max: 5.5 Min: 5.1
2	20 inches	29 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14.11 Min: 4.23	Max: 6 Min: 5.6

EXECUTIVE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	29 inches	59 inches	paragravelly clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141.14 Min: 14.11	Max: 6 Min: 5.6

Soil Map ID: 3

Soil Component Name: Ewa

Soil Surface Texture: silty clay loam

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

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4.23	Max: 7.3 Min: 6.6
2	7 inches	29 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4.23	Max: 7.3 Min: 6.6

EXECUTIVE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	29 inches	38 inches	bedrock	Not reported	Not reported	Max: 42 Min: 1	Max: Min:

EXECUTIVE SUMMARY

SEARCH RESULTS

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

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
836 KAWAIAHAO STREET SHWS: State and tribal - equivalent CERCLIS	836 KAWAIAHAO ST	<1/10 SSW	▲ A6	18
SZYMANSKI PROPERTIES LLC UST: State and tribal registered storage tank lists LUST: State and tribal leaking storage tank lists	757 KAWAIAHAO ST	<1/10 W	▲ A8	21
SHELLY MAZDA SERVICE AREA UST: State and tribal registered storage tank lists LUST: State and tribal leaking storage tank lists	CHAPIN ST	<1/10 ESE	▲ A10	23
BMW OF HONOLULU SHWS: State and tribal - equivalent CERCLIS SPILLS: Other Standard Environmental Records INST CONTROL: State and tribal institutional control / engineering control registries ENG CONTROLS: State and tribal institutional control / engineering control registries	777 KAPIOLANI BLVD	<1/10 ENE	▲ A12	25
CHUEI SHOKO UST: State and tribal registered storage tank lists LUST: State and tribal leaking storage tank lists	777 KAPIOLANI BLVD	<1/10 ENE	▲ A13	27
IMPERIAL PLAZA UST: State and tribal registered storage tank lists LUST: State and tribal leaking storage tank lists	725 KAPIOLANI BLVD	<1/10 N	▲ C16	31
HD&C, 725 KAPIOLANI BOULEVARD SHWS: State and tribal - equivalent CERCLIS SPILLS: Other Standard Environmental Records INST CONTROL: State and tribal institutional control / engineering control registries	725 KAPIOLANI BLVD	<1/10 N	▲ C17	32
HECO PAD-MOUNTED #65844 TRANSFORMER RELEASE SHWS: State and tribal - equivalent CERCLIS SPILLS: Other Standard Environmental Records INST CONTROL: State and tribal institutional control / engineering control registries	650 KAPIOLANI BLVD	1/10 - 1/3 N	▲ J19	35
HAWAII NEWSPAPER AGENCY INC UST: State and tribal registered storage tank lists SHWS: State and tribal - equivalent CERCLIS LUST: State and tribal leaking storage tank lists SPILLS: Other Standard Environmental Records INST CONTROL: State and tribal institutional control / engineering control registries ENG CONTROLS: State and tribal institutional control / engineering control registries	605 KAPIOLANI BLVD	1/10 - 1/3 NNW	▲ J20	37
TESORO 2GO # 61024 UST: State and tribal registered storage tank lists Financial Assurance: Other Standard Environmental Records LUST: State and tribal leaking storage tank lists	759 S KING ST	1/10 - 1/3 NNE	▲ N21	40
ONE ARCHER LANE	801 S KING ST	1/10 - 1/3 NE	▲ N23	45

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
SHWS: State and tribal - equivalent CERCLIS SPILLS: Other Standard Environmental Records				
ONE ARCHER LANE (FORMERLY KING STREET CARWASH) UST: State and tribal registered storage tank lists LUST: State and tribal leaking storage tank lists	809 S KING ST	1/10 - 1/3 NE	▲ N24	48
MTL BUS FACILITY UST: State and tribal registered storage tank lists LUST: State and tribal leaking storage tank lists	1133 ALAPAI ST	1/10 - 1/3 NNE	▲ 25	50
SCAN LINE BUILDING UST: State and tribal registered storage tank lists LUST: State and tribal leaking storage tank lists	788 S KING ST	1/10 - 1/3 NE	▲ T26	53
STRAUB CLINIC & HOSPITAL MLTS: Other Standard Environmental Records UST: State and tribal registered storage tank lists Financial Assurance: Other Standard Environmental Records LUST: State and tribal leaking storage tank lists	888 SOUTH KING STREET	1/10 - 1/3 NE	▲ 27	54
801 SOUTH HOTEL STREET SHWS: State and tribal - equivalent CERCLIS	801 SOUTH HOTEL ST	1/10 - 1/3 NE	▲ T28	56

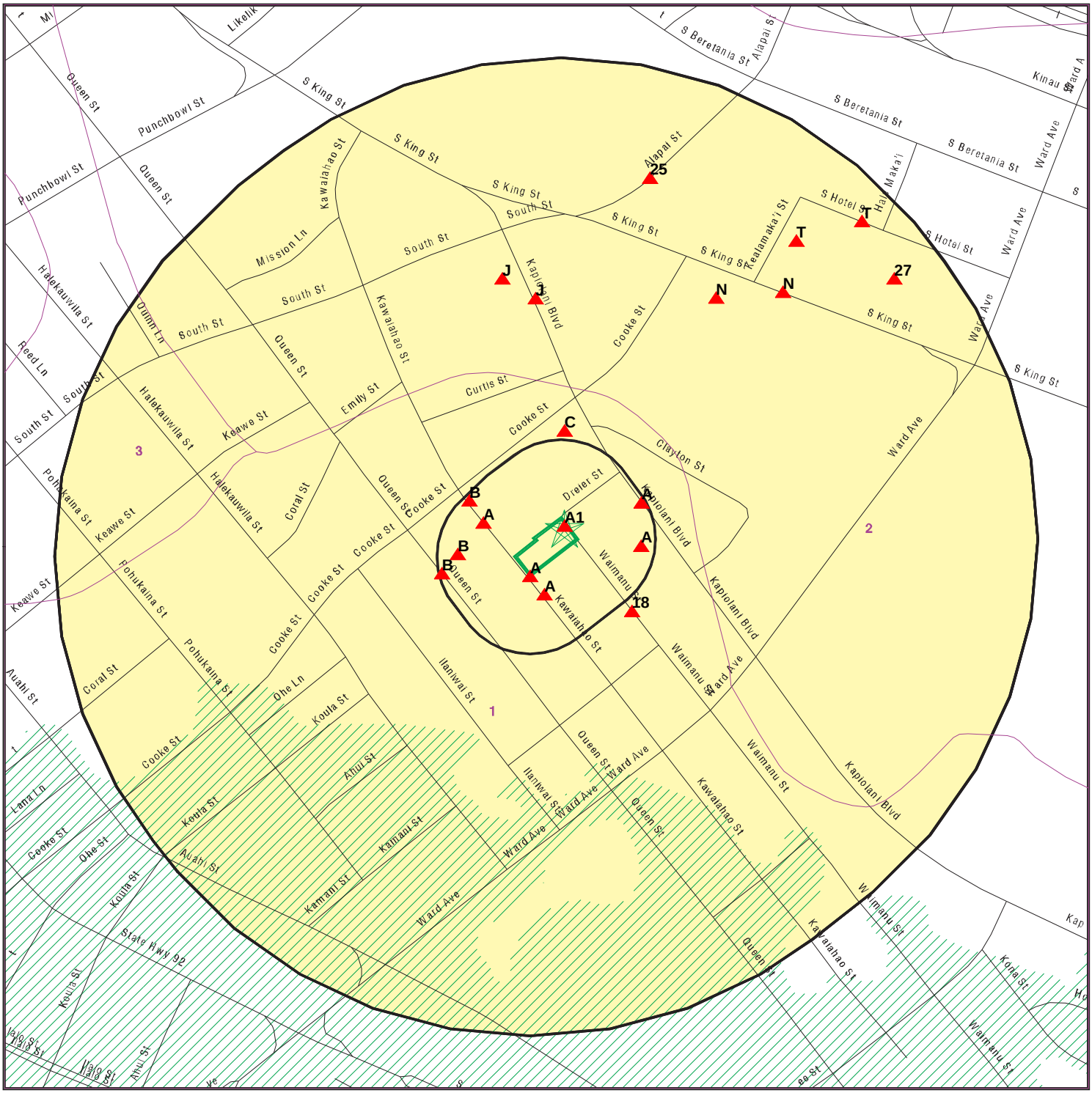
HISTORICAL USE RECORDS

Name	Address	Dist/Dir	Map ID	Page
803 WAIMANU ST EDR US Hist Auto Stat: Historical Gas Stations	803 WAIMANU ST	Property	▲ A1	13
822 KAWAIAHAO ST EDR US Hist Auto Stat: Historical Gas Stations	822 KAWAIAHAO ST	<1/10 SW	▲ A2	14
807 KAWAIAHAO ST EDR US Hist Auto Stat: Historical Gas Stations	807 KAWAIAHAO ST	<1/10 SW	▲ A3	15
815 KAWAIAHAO ST EDR US Hist Auto Stat: Historical Gas Stations	815 KAWAIAHAO ST	<1/10 SSW	▲ A4	16
836 KAWAIAHAO ST EDR US Hist Auto Stat: Historical Gas Stations	836 KAWAIAHAO ST	<1/10 SSW	▲ A5	17
757 KAWAIAHAO ST EDR US Hist Auto Stat: Historical Gas Stations	757 KAWAIAHAO ST	<1/10 W	▲ A7	19
762 QUEEN ST EDR US Hist Auto Stat: Historical Gas Stations	762 QUEEN ST	<1/10 WSW	▲ B9	22
764 KAWAIAHAO ST EDR US Hist Auto Stat: Historical Gas Stations	764 KAWAIAHAO ST	<1/10 WNW	▲ B11	24

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
765 QUEEN ST EDR US Hist Auto Stat: Historical Gas Stations	765 QUEEN ST	<1/10 WSW	▲ B14	29
753 QUEEN ST EDR US Hist Auto Stat: Historical Gas Stations	753 QUEEN ST	<1/10 WSW	▲ B15	30
875 WAIMANU ST EDR US Hist Auto Stat: Historical Gas Stations	875 WAIMANU ST	<1/10 SE	▲ 18	34
759 S KING ST EDR US Hist Auto Stat: Historical Gas Stations	759 S KING ST	1/10 - 1/3 NNE	▲ N22	44

PRIMARY MAP - 4163300.9S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 300 1/3 Miles

Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Groundwater Flow Direction

GI Indeterminate Groundwater Flow at Location

GV Groundwater Flow Varies at Location

SSURGO Soil

SITE NAME: 2014-0228	CLIENT: Muranaka Env. Consultants, Inc
ADDRESS: 803 Waimanu Street Honolulu HI 96813	CONTACT: Maureen Logan
LAT/LONG: 21.3003 / 157.8548	INQUIRY #: 4163300.9s
	DATE: December 17, 2014 2:36 pm

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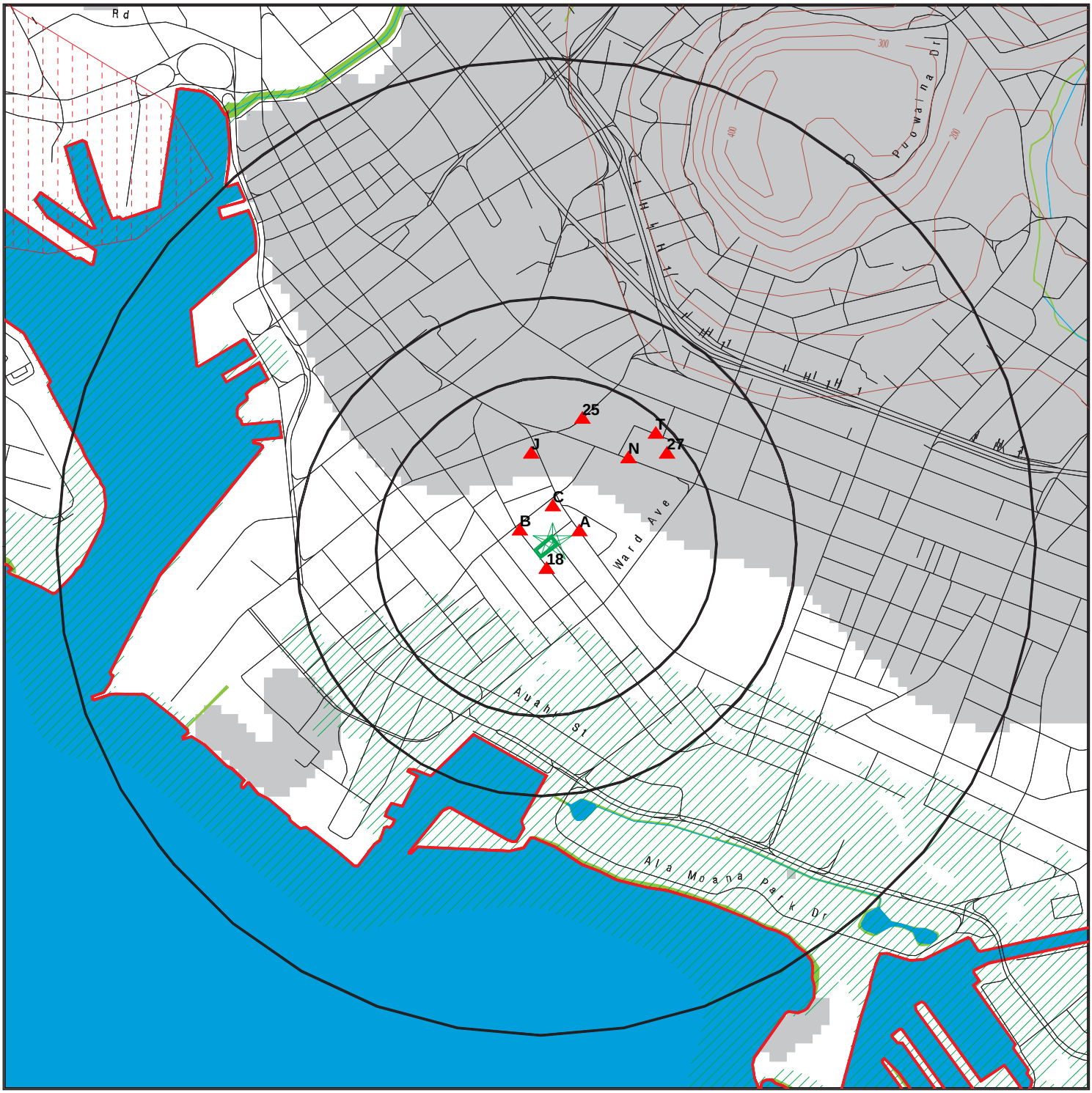
SECONDARY MAP - 4163300.9S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/3 1/2 1 Miles

Indian Reservations BIA

Contour Lines

County Boundary

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Upgradient Area

SITE NAME: 2014-0228 ADDRESS: 803 Waimanu Street Honolulu HI 96813 LAT/LONG: 21.3003 / 157.8548	CLIENT: Muranaka Env. Consultants, Inc CONTACT: Maureen Logan INQUIRY #: 4163300.9s DATE: December 17, 2014 2:36 pm

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LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**		EDR SITE ID NUMBER
▼ MAP ID#	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:

Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

803 WAIMANU ST 803 WAIMANU ST, HONOLULU, HI, 96813		1015640136
▲ A1	Target Property 3 ft. Above Sea Level	Historical Gas Stations

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

EDR Historical Auto Stations: Historical Gas Stations

Name: L & L TRANSMISSION & MOTOR REPAIR
Year: 2009
Address: 803 WAIMANU ST

Name: L & L TRANSMISSION & MOTOR RPR
Year: 2010
Address: 803 WAIMANU ST

Name: L & L TRANSMISSION & MOTOR REPAIR
Year: 2011
Address: 803 WAIMANU ST

Name: IMPERIAL AUTO REPAIR
Year: 2012
Address: 803 WAIMANU ST

822 KAWAIAHAO ST 822 KAWAIAHAO ST, HONOLULU, HI, 96813			1015648056
▲ A2	SW <1/10	(10 ft. / 0.002 mi.)	Historical Gas Stations
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Downgradient: YES

EDR Historical Auto Stations: Historical Gas Stations

Name: KWANS AUTO BODY PAINTING
Year: 1999
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY PAINTING
Year: 2001
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY PAINTING
Year: 2002
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY PAINTING
Year: 2003
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY & SHOP
Year: 2007
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY & SHOP
Year: 2008
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY & SHOP
Year: 2009
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY PAINTING
Year: 2010
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY PAINTING
Year: 2011
Address: 822 KAWAIAHAO ST

Name: KWANS AUTO BODY PAINTING
Year: 2012
Address: 822 KAWAIAHAO ST

807 KAWAIAHAO ST 807 KAWAIAHAO ST, HONOLULU, HI, 96813			1015641827
▲ A3	SW <1/10	(17 ft. / 0.003 mi.)	Historical Gas Stations
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Downgradient: YES

EDR Historical Auto Stations: Historical Gas Stations

Name: RAZAS AUTO WORKS LLC
Year: 2003
Address: 807 KAWAIAHAO ST

Name: RAZAS AUTO WORKS LLC
Year: 2004
Address: 807 KAWAIAHAO ST

Name: RAZAS AUTO WORKS LLC
Year: 2011
Address: 807 KAWAIAHAO ST

Name: RAZAS AUTO WORKS LLC
Year: 2012
Address: 807 KAWAIAHAO ST

815 KAWAIAHAO ST 815 KAWAIAHAO ST, HONOLULU, HI, 96813			1015645318
▲ A4	SSW <1/10	(48 ft. / 0.009 mi.)	Historical Gas Stations
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Downgradient: YES

EDR Historical Auto Stations: Historical Gas Stations

Name: STEWARTS AUTO SERVICE
Year: 2001
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2002
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2003
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2004
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2005
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2007
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2008
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2009
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SVC
Year: 2010
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2011
Address: 815 KAWAIAHAO ST

Name: STEWARTS AUTO SERVICE
Year: 2012
Address: 815 KAWAIAHAO ST

836 KAWAIAHAO ST 836 KAWAIAHAO ST, HONOLULU, HI, 96813			1015652091
▲ A5	SSW <1/10	(96 ft. / 0.018 mi.)	Historical Gas Stations
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Downgradient: YES

EDR Historical Auto Stations: Historical Gas Stations

Name:	ANDYS AUTO REPAIR
Year:	2001
Address:	836 KAWAIAHAO ST
Name:	ANDYS AUTO REPAIR
Year:	2002
Address:	836 KAWAIAHAO ST

836 KAWAIAHAO STREET 836 KAWAIAHAO ST, HONOLULU, HI,			S111704659
▲ A6	SSW <1/10	(96 ft. / 0.018 mi.)	State and tribal - equivalent CERCLIS
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Downgradient: YES

SHWS: State and tribal - equivalent CERCLIS

Organization:	Not Reported
Supplemental Location:	Not Reported
Island:	Oahu
Environmental Interest:	836 Kawaiahao Street
HID Number:	Not Reported
Facility Registry Identifier:	Not Reported
Lead Agency:	HEER
Program:	State
Project Manager:	Melody Calisay
Hazard Priority:	Low
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not Reported
Island:	Oahu
Supplemental Location Text:	Not Reported
SDAR Environmental Interest Name:	836 Kawaiahao Street
HID Number:	Not Reported
Facility Registry Identifier:	Not Reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	Low
Assessment:	Response Necessary
Response:	Response Ongoing
Nature of Contamination:	Found: TPH-oil detected in one soil sample collected in surface soil.
Nature of Residual Contamination:	Not Reported
Use Restrictions:	Undetermined
Engineering Control:	Not Reported
Description of Restrictions:	Not Reported
Institutional Control:	Not Reported
Within Designated Areawide Contamination:	Not Reported
Site Closure Type:	Not Reported
Document Date:	Not Reported
Document Number:	Not Reported
Document Subject:	Not Reported
Project Manager:	Melody Calisay
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

757 KAWAIAHAO ST 757 KAWAIAHAO ST, HONOLULU, HI, 96813			1015626865
▲ A7	W <1/10	(173 ft. / 0.033 mi.)	Historical Gas Stations
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Crossgradient: YES

EDR Historical Auto Stations: Historical Gas Stations

Name: ZAKS AUTO & REPAIR
Year: 1999
Address: 757 KAWAIAHAO ST

Name: CR IMPORT REPAIR
Year: 2001
Address: 757 KAWAIAHAO ST

Name: CR IMPORT REPAIR
Year: 2002
Address: 757 KAWAIAHAO ST

Name: CR IMPORT REPAIR
Year: 2003
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR ELECTRONIC
Year: 2004
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR ELECTRONICS
Year: 2005
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR EXPORT
Year: 2007
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR EXPERTS
Year: 2008
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR EXPERTS
Year: 2009
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR EXPERTS
Year: 2010
Address: 757 KAWAIAHAO ST

Name: BAVARIAN MOTOR EXPERTS
Year: 2011
Address: 757 KAWAIAHAO ST

757 KAWAIAHAO ST, 757 KAWAIAHAO ST, HONOLULU, HI 96813 (Continued)

Name:	BAVARIAN MOTOR EXPERTS
Year:	2012
Address:	757 KAWAIAHAO ST

SZYMANSKI PROPERTIES LLC 757 KAWAIAHAO ST, HONOLULU, HI, 96813			U003914035
▲ A8	W <1/10	(173 ft. / 0.033 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Crossgradient: YES

UST: State and tribal registered storage tank lists

Facility ID:	9-103765
Owner:	VOYTEK SZYMANSKI PROPERTIES LLC
Owner Address:	757 KAWAIAHAO ST
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3002
Longitude:	-157.856
Horizontal Reference Datum Name:	NAD83
Tank ID:	R-1
Date Installed:	01/01/2040
Tank Status:	**Permanently Out of Use**
Date Closed:	07/07/2003
Tank Capacity:	1000
Substance:	Used Oil
Tank ID:	R-2
Date Installed:	01/01/1955
Tank Status:	**Permanently Out of Use**
Date Closed:	07/01/2003
Tank Capacity:	550
Substance:	Gasoline

LUST: State and tribal leaking storage tank lists

Facility ID:	9-103765
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	01/05/2004
Release ID:	030043
Project Officer:	Jose Ruiz

762 QUEEN ST 762 QUEEN ST, HONOLULU, HI, 96813			1015628189
▲ B9	WSW <1/10	(221 ft. / 0.042 mi.)	Historical Gas Stations
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Crossgradient: YES

EDR Historical Auto Stations: Historical Gas Stations

Name:	JS AUTOMOTIVE
Year:	1999
Address:	762 QUEEN ST

SHELLY MAZDA SERVICE AREA CHAPIN ST, HONOLULU, HI, 96800			U001237403
▲ A10	ESE <1/10	(246 ft. / 0.047 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Crossgradient: YES

UST: State and tribal registered storage tank lists

Facility ID:	9-102704
Owner:	UNDETERMINED AT THIS TIME
Owner Address:	Address Unknown
Owner City,St,Zip:	Honolulu, 96800 96800
Latitude:	21.3001
Longitude:	-157.854
Horizontal Reference Datum Name:	Not Reported
Tank ID:	R-2
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	Not Reported
Substance:	Not Listed
Tank ID:	R-3
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	Not Reported
Substance:	Not Listed

LUST: State and tribal leaking storage tank lists

Facility ID:	9-102704
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	10/06/2003
Release ID:	930012
Project Officer:	Richard Takaba

764 KAWAIAHAO ST 764 KAWAIAHAO ST, HONOLULU, HI, 96813			1015628572
▲ B11	WNW <1/10	(272 ft. / 0.052 mi.)	Historical Gas Stations
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Crossgradient: YES

EDR Historical Auto Stations: Historical Gas Stations

Name:	EURO CAR SPECIALIST INC
Year:	2008
Address:	764 KAWAIAHAO ST

BMW OF HONOLULU 777 KAPIOLANI BLVD, HONOLULU, HI,			S106816569
▲ A12	ENE <1/10	(278 ft. / 0.053 mi.)	State and tribal - equivalent CERCLIS State and tribal institutional control / engineering control registries Other Standard Environmental Records
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

SHWS: State and tribal - equivalent CERCLIS

Organization:	Not Reported
Supplemental Location:	Not Reported
Island:	Oahu
Environmental Interest:	BMW Dealership
HID Number:	Not Reported
Facility Registry Identifier:	110013779982
Lead Agency:	HEER
Program:	State
Project Manager:	Amy Playdon
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not Reported
Island:	Oahu
Supplemental Location Text:	Not Reported
SDAR Environmental Interest Name:	BMW Dealership
HID Number:	Not Reported
Facility Registry Identifier:	110013779982
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Not Reported
Nature of Residual Contamination:	Not Reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Additional investigation & remediation may be necessary if future demolition or excavation is conducted on site (1/24/01 HEER letter 01-031-AP).
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not Reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	01/24/2001
Document Number:	2001-031-AP
Document Subject:	No Further Action Priority Notification Letter for the 767/777 Kapiolani Blvd Site, Honolulu HI
Project Manager:	Amy Playdon
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

BMW OF HONOLULU, 777 KAPIOLANI BLVD, HONOLULU, HI (Continued)

HI SPILLS: Other Standard Environmental Records

Island:	Oahu
Supplemental Loc. Text:	Not Reported
Case Number:	19990401-1450
HID Number:	Not Reported
Facility Registry Id:	110013779982
Lead and Program:	HEER EP&R
ER:	Referred
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
Activity Lead:	Terry Corpus
Assignment End Date:	Not Reported
Result:	Refer to ISST
File Under:	BMW of Honolulu

INST CONTROL: State and tribal institutional control / engineering control registries

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not Reported
Zip Suffix:	Not Reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

ENG CONTROLS: State and tribal institutional control / engineering control registries

Supplemental Location Text:	Not Reported
Zip Suffix:	Not Reported
Island:	Oahu
Potential Hazards And Controls:	Hazard Managed With Controls
Engineering Control:	Engineering Control Required

CHUEI SHOKO 777 KAPIOLANI BLVD, HONOLULU, HI, 96815			U003402867
▲ A13	ENE <1/10	(278 ft. / 0.053 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

UST: State and tribal registered storage tank lists

Facility ID:	9-103508
Owner:	SHELTON INVESTMENTS
Owner Address:	1075 S BERETANIA ST.
Owner City,St,Zip:	Honolulu, 96815 96815
Latitude:	21.3004
Longitude:	-157.854
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	5000
Substance:	Gasoline

Tank ID:	R-2
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	5000
Substance:	Gasoline

Tank ID:	R-3
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	5000
Substance:	Gasoline

Tank ID:	R-4
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	5000
Substance:	Gasoline

LUST: State and tribal leaking storage tank lists

Facility ID:	9-103508
Facility Status:	Site Cleanup Completed (NFA)

CHUEI SHOKO, 777 KAPIOLANI BLVD, HONOLULU, HI 96815 (Continued)

Facility Status Date:	08/11/1999
Release ID:	990143
Project Officer:	Jose Ruiz

765 QUEEN ST 765 QUEEN ST, HONOLULU, HI, 96813			1015628764
▲ B14	WSW <1/10	(291 ft. / 0.055 mi.)	Historical Gas Stations
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Crossgradient: YES

EDR Historical Auto Stations: Historical Gas Stations

Name: PACIFIC AUTOMOTIVE TOYS
Year: 2003
Address: 765 QUEEN ST

Name: PACIFIC AUTOMOTIVE & PERFORMANCE CEN
Year: 2005
Address: 765 QUEEN ST

Name: PACIFIC AUTOMOTIVE & PERFORMANCE CEN
Year: 2009
Address: 765 QUEEN ST

753 QUEEN ST 753 QUEEN ST, HONOLULU, HI, 96813			1015626057
▲ B15	WSW <1/10	(321 ft. / 0.061 mi.)	Historical Gas Stations
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Crossgradient: YES

EDR Historical Auto Stations: Historical Gas Stations

Name: AUTO FENDER CLINIC INC
Year: 2005
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2006
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2007
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2008
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2009
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2010
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2011
Address: 753 QUEEN ST

Name: AUTO FENDER CLINIC INC
Year: 2012
Address: 753 QUEEN ST

IMPERIAL PLAZA 725 KAPIOLANI BLVD, HONOLULU, HI, 96813			U001235761
▲ C16	N <1/10	(327 ft. / 0.062 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

UST: State and tribal registered storage tank lists

Facility ID:	9-102177
Owner:	BUSINESS INVESTMENT, LTD
Owner Address:	SUITE 2700, PACIFIC TOWER / 1001 BISHOP ST
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3014
Longitude:	-157.855
Horizontal Reference Datum Name:	NAD83
Tank ID:	r-1
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	Not Reported
Substance:	Heating Oil

LUST: State and tribal leaking storage tank lists

Facility ID:	9-102177
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	02/13/1996
Release ID:	900074
Project Officer:	Roger Brewer

HD&C, 725 KAPIOLANI BOULEVARD 725 KAPIOLANI BLVD, HONOLULU, HI,			S106817426
▲ C17	N <1/10	(327 ft. / 0.062 mi.)	State and tribal - equivalent CERCLIS State and tribal institutional control / engineering control registries Other Standard Environmental Records
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

SHWS: State and tribal - equivalent CERCLIS

Organization:	Not Reported
Supplemental Location:	The Imperial Plaza Cooke St & Kapiolani St
Island:	Oahu
Environmental Interest:	725 Kapiolani Boulevard
HID Number:	Not Reported
Facility Registry Identifier:	110013791664
Lead Agency:	SHWB
Program:	State
Project Manager:	Eric Sadoyama
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not Reported
Island:	Oahu
Supplemental Location Text:	The Imperial Plaza Cooke St & Kapiolani St
SDAR Environmental Interest Name:	725 Kapiolani Boulevard
HID Number:	Not Reported
Facility Registry Identifier:	110013791664
Lead Agency:	SHWB
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Not Reported
Nature of Residual Contamination:	Petroleum in soil
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Not Reported
Description of Restrictions:	Not Reported
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not Reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	02/13/1996
Document Number:	Not Reported
Document Subject:	Imperial Plaza, 725 Kapiolani Blvd, Oahu HI
Project Manager:	Eric Sadoyama
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HD&C, 725 KAPIOLANI BOULEVARD, 725 KAPIOLANI BLVD, HONOLULU, HI (Continued)

HI SPILLS: Other Standard Environmental Records

Island:	Oahu
Supplemental Loc. Text:	The Imperial Plaza Cooke St & Kapiolani St
Case Number:	19900417-2
HID Number:	Not Reported
Facility Registry Id:	110013791664
Lead and Program:	HEER EP&R
ER:	Not Reported
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
Activity Lead:	Curtis Martin
Assignment End Date:	Not Reported
Result:	SOSC NFA
File Under:	Hawaiian Dredging & Construction Company

INST CONTROL: State and tribal institutional control / engineering control registries

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	The Imperial Plaza Cooke St & Kapiolani St
Zip Suffix:	Not Reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

875 WAIMANU ST 875 WAIMANU ST, HONOLULU, HI, 96813			1015660999
▲ 18	SE <1/10	(352 ft. / 0.067 mi.)	Historical Gas Stations
	Equal Elevation	3 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Crossgradient: YES

EDR Historical Auto Stations: Historical Gas Stations

Name:	WILLS AUTOMOTIVE
Year:	2008
Address:	875 WAIMANU ST

HECO PAD-MOUNTED #65844 TRANSFORMER RELEASE 650 KAPIOLANI BLVD, HONOLULU, HI, 96813			1006818926
▲ J19	N 1/10 - 1/3	(838 ft. / 0.159 mi.)	State and tribal - equivalent CERCLIS State and tribal institutional control / engineering control registries Other Standard Environmental Records
	4 ft. Higher Elevation	7 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

SHWS: State and tribal - equivalent CERCLIS

Organization:	Not Reported
Supplemental Location:	Not Reported
Island:	Oahu
Environmental Interest:	Motor Imports
HID Number:	Not Reported
Facility Registry Identifier:	110013766825
Lead Agency:	HEER
Program:	State
Project Manager:	Mark Sutterfield
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not Reported
Island:	Oahu
Supplemental Location Text:	Not Reported
SDAR Environmental Interest Name:	Motor Imports
HID Number:	Not Reported
Facility Registry Identifier:	110013766825
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	NFA
Assessment:	Response Necessary
Response:	Response Complete
Nature of Contamination:	Found: Petroleum contaminated soil and groundwater on and off the site. Cannot remove soil based on electical corridirs
Nature of Residual Contamination:	Free product still observed in one monitoring well
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Not Reported
Description of Restrictions:	Prohibit Any Activity That May Disturb the Integrity of the Monitoring System
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not Reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	07/13/2004
Document Number:	2004-267-MS
Document Subject:	No further Groundwater monitoring required
Project Manager:	Mark Sutterfield
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HECO PAD-MOUNTED #65844 TRANSFORMER RELEASE, 650 KAPIOLANI BLVD, HONOLULU, HI 96813 (Continued)

HI SPILLS: Other Standard Environmental Records

Island:	Oahu
Supplemental Loc. Text:	Not Reported
Case Number:	20110629-1249
HID Number:	Not Reported
Facility Registry Id:	Not Reported
Lead and Program:	HEER EP&R
ER:	None
Units:	HECO pad-mounted #65844 transformer release
Substances:	Transformer Oil
Less Or Greater Than:	>
Numerical Quantity:	2
Units:	Gallons
Activity Type:	Response
Activity Lead:	Curtis Martin
Assignment End Date:	Not Reported
Result:	Not Reported
File Under:	Not Reported

INST CONTROL: State and tribal institutional control / engineering control registries

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not Reported
Zip Suffix:	Not Reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

HAWAII NEWSPAPER AGENCY INC 605 KAPIOLANI BLVD, HONOLULU, HI, 96813			1000146678
▲ J20	NNW 1/10 - 1/3	(936 ft. / 0.177 mi.)	State and tribal - equivalent CERCLIS State and tribal leaking storage tank lists State and tribal registered storage tank lists State and tribal institutional control / engineering control registries Other Standard Environmental Records
	4 ft. Higher Elevation	7 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

UST: State and tribal registered storage tank lists

Facility ID:	9-100938
Owner:	HAWAII NEWSPAPER AGENCY, INC.
Owner Address:	605 KAPIOLANI BLVD
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3031
Longitude:	-157.856
Horizontal Reference Datum Name:	NAD83
Tank ID:	R-1
Date Installed:	05/16/1978
Tank Status:	**Permanently Out of Use**
Date Closed:	12/01/1994
Tank Capacity:	6000
Substance:	Gasoline
Tank ID:	R-2
Date Installed:	05/16/1978
Tank Status:	**Permanently Out of Use**
Date Closed:	12/01/1994
Tank Capacity:	6000
Substance:	Gasoline
Tank ID:	R-3
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	10/16/1989
Tank Capacity:	Not Reported
Substance:	Not Listed

SHWS: State and tribal - equivalent CERCLIS

Organization:	Not Reported
Supplemental Location:	Not Reported
Island:	Oahu
Environmental Interest:	The Honolulu Advertiser (Hawaii Newspaper Agency)
HID Number:	Not Reported
Facility Registry Identifier:	110005726330

HAWAII NEWSPAPER AGENCY INC, 605 KAPIOLANI BLVD, HONOLULU, HI 96813 (Continued)

Lead Agency:	HEER
Program:	State
Project Manager:	Cal Miyahara
Hazard Priority:	Medium
Potential Hazards And Controls:	Hazard Managed With Controls
Organization:	Not Reported
Island:	Oahu
Supplemental Location Text:	Not Reported
SDAR Environmental Interest Name:	The Honolulu Advertiser (Hawaii Newspaper Agency)
HID Number:	Not Reported
Facility Registry Identifier:	110005726330
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Managed With Controls
Priority:	Medium
Assessment:	Response Necessary
Response:	Response Ongoing
Nature of Contamination:	Found: TPH-g found in soil near New Building loading dock. TPH-o found in soil on east side of property near Kapiolani Blvd. Lead (4050 mg/kg) found in soil in westside parking lot.
Nature of Residual Contamination:	Not Reported
Use Restrictions:	Controls Required to Manage Contamination
Engineering Control:	Engineering Control Required
Description of Restrictions:	Not Reported
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued
Within Designated Areawide Contamination:	Not Reported
Site Closure Type:	No Further Action Letter - Restricted Use
Document Date:	10/26/2011
Document Number:	2011-618-CMM
Document Subject:	Final Environmental Hazard Management Plan (EHMP), Honolulu Advertiser Property, 605 Kapiolani Blvd
Project Manager:	Cal Miyahara
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

LUST: State and tribal leaking storage tank lists

Facility ID:	9-100938
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	10/27/1993
Release ID:	940008
Project Officer:	Eric Sadoyama

Facility ID:	9-100938
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	05/07/1999
Release ID:	930071
Project Officer:	Eric Sadoyama

HI SPILLS: Other Standard Environmental Records

Island:	Oahu
Supplemental Loc. Text:	Not Reported

HAWAII NEWSPAPER AGENCY INC, 605 KAPIOLANI BLVD, HONOLULU, HI 96813 (Continued)

Case Number:	20100826-1115
HID Number:	Not Reported
Facility Registry Id:	110005726330
Lead and Program:	HEER EP&R
ER:	None
Units:	former Honolulu Advertiser site
Substances:	Lead
Less Or Greater Than:	Not Reported
Numerical Quantity:	0
Units:	Unknown
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	2011-01-11 00:00:00
Result:	Refer to SDAR
File Under:	The Honolulu Advertiser

Island:	Oahu
Supplemental Loc. Text:	Not Reported
Case Number:	20100826-1115
HID Number:	Not Reported
Facility Registry Id:	110005726330
Lead and Program:	HEER EP&R
ER:	None
Units:	former Honolulu Advertiser site
Substances:	Oil
Less Or Greater Than:	Not Reported
Numerical Quantity:	0
Units:	Unknown
Activity Type:	Response
Activity Lead:	Liz Galvez
Assignment End Date:	2011-01-11 00:00:00
Result:	Refer to SDAR
File Under:	The Honolulu Advertiser

INST CONTROL: State and tribal institutional control / engineering control registries

Potential hazards and controls:	Hazard Managed With Controls
Supplemental Location:	Not Reported
Zip Suffix:	Not Reported
Island:	Oahu
Institutional Control:	Government - Hawaii Dept. of Health Letter Issued

ENG CONTROLS: State and tribal institutional control / engineering control registries

Supplemental Location Text:	Not Reported
Zip Suffix:	Not Reported
Island:	Oahu
Potential Hazards And Controls:	Hazard Managed With Controls
Engineering Control:	Engineering Control Required

TESORO 2GO # 61024 759 S KING ST, HONOLULU, HI, 96813			U001235754
▲ N21	NNE 1/10 - 1/3	(1023 ft. / 0.194 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists Other Standard Environmental Records
	4 ft. Higher Elevation	7 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

UST: State and tribal registered storage tank lists

Facility ID:	9-102158
Owner:	HIE Retail, LLC
Owner Address:	800 Gessner Road, Suite 875
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3027
Longitude:	-157.854
Horizontal Reference Datum Name:	NAD27

Tank ID:	1
Date Installed:	10/01/2000
Tank Status:	**Currently In Use**
Date Closed:	Not Reported
Tank Capacity:	12000
Substance:	Gasohol

Tank ID:	2
Date Installed:	10/01/2000
Tank Status:	**Currently In Use**
Date Closed:	Not Reported
Tank Capacity:	12000
Substance:	Gasohol

Tank ID:	3
Date Installed:	10/01/2000
Tank Status:	**Currently In Use**
Date Closed:	Not Reported
Tank Capacity:	12000
Substance:	Diesel

Tank ID:	R-1
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/08/1989
Tank Capacity:	1000
Substance:	Used Oil

Tank ID:	R-2
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**

TESORO 2GO # 61024, 759 S KING ST, HONOLULU, HI 96813 (Continued)

Date Closed:	06/09/1989
Tank Capacity:	5000
Substance:	Gasoline

Tank ID:	R-3
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/09/1989
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-4
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/09/1989
Tank Capacity:	11500
Substance:	Gasoline

HI Financial Assurance: Other Standard Environmental Records

Alt Facility ID:	9-102158
Tank Id:	3
Tank Status:	Currently In Use
FRTYPE:	Other
Expiration Date:	Not Reported

Alt Facility ID:	9-102158
Tank Id:	R-1
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not Reported

Alt Facility ID:	9-102158
Tank Id:	R-4
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not Reported

Alt Facility ID:	9-102158
Tank Id:	1
Tank Status:	Currently In Use
FRTYPE:	Other
Expiration Date:	Not Reported

Alt Facility ID:	9-102158
Tank Id:	R-3
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not Reported

Alt Facility ID:	9-102158
Tank Id:	2
Tank Status:	Currently In Use

TESORO 2GO # 61024, 759 S KING ST, HONOLULU, HI 96813 (Continued)

FRTYPE:	Other
Expiration Date:	Not Reported
Alt Facility ID:	9-102158
Tank Id:	R-2
Tank Status:	Permanently Out of Use
FRTYPE:	Other
Expiration Date:	Not Reported
Alt Facility ID:	9-102158
Tank Id:	R-4
Tank Status:	Permanently Out of Use
FRTYPE:	Guarantee
Expiration Date:	03/29/2013
Alt Facility ID:	9-102158
Tank Id:	R-3
Tank Status:	Permanently Out of Use
FRTYPE:	Guarantee
Expiration Date:	03/29/2013
Alt Facility ID:	9-102158
Tank Id:	R-2
Tank Status:	Permanently Out of Use
FRTYPE:	Guarantee
Expiration Date:	03/29/2013
Alt Facility ID:	9-102158
Tank Id:	2
Tank Status:	Currently In Use
FRTYPE:	Guarantee
Expiration Date:	03/29/2013
Alt Facility ID:	9-102158
Tank Id:	1
Tank Status:	Currently In Use
FRTYPE:	Guarantee
Expiration Date:	03/29/2013
Alt Facility ID:	9-102158
Tank Id:	R-1
Tank Status:	Permanently Out of Use
FRTYPE:	Guarantee
Expiration Date:	03/29/2013
Alt Facility ID:	9-102158
Tank Id:	3
Tank Status:	Currently In Use
FRTYPE:	Guarantee
Expiration Date:	03/29/2013
Alt Facility ID:	9-102158
Tank Id:	R-1
Tank Status:	Permanently Out of Use

TESORO 2GO # 61024, 759 S KING ST, HONOLULU, HI 96813 (Continued)

FRTYPE:	Insurance
Expiration Date:	09/25/2014

Alt Facility ID:	9-102158
Tank Id:	1
Tank Status:	Currently In Use
FRTYPE:	Insurance
Expiration Date:	09/25/2014

Alt Facility ID:	9-102158
Tank Id:	2
Tank Status:	Currently In Use
FRTYPE:	Insurance
Expiration Date:	09/25/2014

Alt Facility ID:	9-102158
Tank Id:	R-3
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	09/25/2014

Alt Facility ID:	9-102158
Tank Id:	3
Tank Status:	Currently In Use
FRTYPE:	Insurance
Expiration Date:	09/25/2014

Alt Facility ID:	9-102158
Tank Id:	R-2
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	09/25/2014

Alt Facility ID:	9-102158
Tank Id:	R-4
Tank Status:	Permanently Out of Use
FRTYPE:	Insurance
Expiration Date:	09/25/2014

LUST: State and tribal leaking storage tank lists

Facility ID:	9-102158
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	02/20/1997
Release ID:	890019
Project Officer:	Jose Ruiz

759 S KING ST 759 S KING ST, HONOLULU, HI, 96813			1015627151
▲ N22	NNE 1/10 - 1/3	(1023 ft. / 0.194 mi.)	Historical Gas Stations
	4 ft. Higher Elevation	7 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

EDR Historical Auto Stations: Historical Gas Stations

Name:	TESORO HAWAII CORP
Year:	2004
Address:	759 S KING ST
Name:	TESORO
Year:	2005
Address:	759 S KING ST

ONE ARCHER LANE 801 S KING ST, HONOLULU, HI, 96813			1006818981
▲ N23	NE 1/10 - 1/3	(1205 ft. / 0.228 mi.)	State and tribal - equivalent CERCLIS Other Standard Environmental Records
	7 ft. Higher Elevation	10 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

SHWS: State and tribal - equivalent CERCLIS

Organization:	Not Reported
Supplemental Location:	Not Reported
Island:	Oahu
Environmental Interest:	One Archer Lane Petroleum Contamination
HID Number:	Not Reported
Facility Registry Identifier:	110013767414
Lead Agency:	SHWB
Program:	State
Project Manager:	Eric Sadoyama
Hazard Priority:	NFA
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not Reported
Island:	Oahu
Supplemental Location Text:	Not Reported
SDAR Environmental Interest Name:	One Archer Lane Petroleum Contamination
HID Number:	Not Reported
Facility Registry Identifier:	110013767414
Lead Agency:	SHWB
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	NFA
Assessment:	Assessment Ongoing
Response:	Not Reported
Nature of Contamination:	Not Reported
Nature of Residual Contamination:	Not Reported
Use Restrictions:	Undetermined
Engineering Control:	Not Reported
Description of Restrictions:	Not Reported
Institutional Control:	Not Reported
Within Designated Areawide Contamination:	Not Reported
Site Closure Type:	No Further Action - Type Undetermined
Document Date:	01/10/2006
Document Number:	Not Reported
Document Subject:	Not Reported
Project Manager:	Eric Sadoyama
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

HI SPILLS: Other Standard Environmental Records

ONE ARCHER LANE, 801 S KING ST, HONOLULU, HI 96813 (Continued)

Island:	Oahu
Supplemental Loc. Text:	Not Reported
Case Number:	20011013-1451
HID Number:	Not Reported
Facility Registry Id:	110013767414
Lead and Program:	HEER EP&R
ER:	Site Visit
Units:	1 Archer Lane, Honolulu, White Powder-Anthrax Scare
Substances:	Unknown white powder possibily containing a bioterrorism agent anthrax
Less Or Greater Than:	Not Reported
Numerical Quantity:	Not Reported
Units:	Not Reported
Activity Type:	Response
Activity Lead:	Bill Perry
Assignment End Date:	Not Reported
Result:	SOSC NFA
File Under:	Myers King Street Partners

Island:	Oahu
Supplemental Loc. Text:	Not Reported
Case Number:	19960724-1544
HID Number:	Not Reported
Facility Registry Id:	110013767414
Lead and Program:	HEER EP&R
ER:	No
Units:	One Archer Lane, petroleum contamination
Substances:	Petroleum
Less Or Greater Than:	Not Reported
Numerical Quantity:	Not Reported
Units:	Not Reported
Activity Type:	Response
Activity Lead:	Terry Corpus
Assignment End Date:	Not Reported
Result:	Refer to ISST
File Under:	Myers King Street Partners

Island:	Oahu
Supplemental Loc. Text:	Not Reported
Case Number:	19961002-1100
HID Number:	Not Reported
Facility Registry Id:	110013767414
Lead and Program:	HEER EP&R
ER:	No
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
Activity Lead:	Terry Corpus

ONE ARCHER LANE, 801 S KING ST, HONOLULU, HI 96813 (Continued)

Assignment End Date:	Not Reported
Result:	Refer to ISST
File Under:	Myers King Street Partners

ONE ARCHER LANE (FORMERLY KING STREET CARWASH) 809 S KING ST, HONOLULU, HI, 96800			U003221738
▲ N24	NE 1/10 - 1/3	(1221 ft. / 0.231 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists
	7 ft. Higher Elevation	10 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

UST: State and tribal registered storage tank lists

Facility ID:	9-102451
Owner:	SCHUBERT INDUSTRIES
Owner Address:	P.O. BOX 3443
Owner City,St,Zip:	Honolulu, 96800 96800
Latitude:	21.3024
Longitude:	-157.852
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-2
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-3
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	10000
Substance:	Gasoline

Tank ID:	R-4
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	10/02/1996
Tank Capacity:	300
Substance:	Not Listed

LUST: State and tribal leaking storage tank lists

Facility ID:	9-102451
Facility Status:	Site Cleanup Completed (NFA)

ONE ARCHER LANE (FORMERLY KING STREET CARWASH), 809 S KING ST, HONOLULU, HI 96800 (Continued)

Facility Status Date:	03/01/1995
Release ID:	920002
Project Officer:	Eric Sadoyama

Facility ID:	9-102451
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	02/10/1997
Release ID:	970002
Project Officer:	Eric Sadoyama

MTL BUS FACILITY 1133 ALAPAI ST, HONOLULU, HI, 96813			U001235067
▲ 25	NNE 1/10 - 1/3	(1336 ft. / 0.253 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists
	7 ft. Higher Elevation	10 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

UST: State and tribal registered storage tank lists

Facility ID:	9-100150
Owner:	C&C OF HNL - DEPT OF DESIGN AND CONSTRUCTION
Owner Address:	650 S KING ST
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3039
Longitude:	-157.854
Horizontal Reference Datum Name:	NAD83

Tank ID:	R-1
Date Installed:	01/21/1987
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	12000
Substance:	Diesel

Tank ID:	R-2
Date Installed:	01/21/1987
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	12000
Substance:	Diesel

Tank ID:	R-3
Date Installed:	01/21/1987
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	6000
Substance:	Gasoline

Tank ID:	R-4
Date Installed:	01/21/1952
Tank Status:	**Permanently Out of Use**
Date Closed:	Not Reported
Tank Capacity:	4000
Substance:	Used Oil

Tank ID:	R-A1
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**

MTL BUS FACILITY, 1133 ALAPAI ST, HONOLULU, HI 96813 (Continued)

Date Closed:	06/30/1990
Tank Capacity:	4000
Substance:	Diesel

Tank ID:	R-A2
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/30/1991
Tank Capacity:	5000
Substance:	Diesel

Tank ID:	R-A3
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/30/1990
Tank Capacity:	4000
Substance:	Diesel

Tank ID:	R-A4
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/30/1990
Tank Capacity:	4000
Substance:	Diesel

Tank ID:	R-A5
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/30/1990
Tank Capacity:	2000
Substance:	Not Listed

Tank ID:	R-A6
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/30/1990
Tank Capacity:	2000
Substance:	Not Listed

Tank ID:	R-A7
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	06/30/1990
Tank Capacity:	4000
Substance:	Gasoline

LUST: State and tribal leaking storage tank lists

Facility ID:	9-100150
Facility Status:	Site Cleanup Completed (NFA)

MTL BUS FACILITY, 1133 ALAPAI ST, HONOLULU, HI 96813 (Continued)

Facility Status Date:	10/24/1995
Release ID:	900069
Project Officer:	Eric Sadoyama

SCAN LINE BUILDING 788 S KING ST, HONOLULU, HI, 96800			U003154619
▲ T26	NE 1/10 - 1/3	(1384 ft. / 0.262 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists
	8 ft. Higher Elevation	11 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

UST: State and tribal registered storage tank lists

Facility ID:	9-102752
Owner:	SCAN LINE BUILDING
Owner Address:	788 S KING ST
Owner City,St,Zip:	Honolulu, 96800 96800
Latitude:	21.3029
Longitude:	-157.852
Horizontal Reference Datum Name:	NAD83
Tank ID:	R-1
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	07/27/1993
Tank Capacity:	Not Reported
Substance:	Other
Tank ID:	R-2
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	07/27/1993
Tank Capacity:	Not Reported
Substance:	Other
Tank ID:	R-3
Date Installed:	Not Reported
Tank Status:	**Permanently Out of Use**
Date Closed:	07/27/1993
Tank Capacity:	Not Reported
Substance:	Other

LUST: State and tribal leaking storage tank lists

Facility ID:	9-102752
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	11/15/1993
Release ID:	940019
Project Officer:	Jose Ruiz

STRAUB CLINIC & HOSPITAL 888 SOUTH KING STREET, HONOLULU, HI, 96813			1000490912
▲ 27	NE 1/10 - 1/3	(1562 ft. / 0.296 mi.)	State and tribal leaking storage tank lists State and tribal registered storage tank lists Other Standard Environmental Records
	10 ft. Higher Elevation	13 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

MLTS: Other Standard Environmental Records

License Number:	53-18126-01
First License Date:	09/22/89
License Date:	03/07/13
Lic. Expiration Date:	05/31/15
Contact Name:	ART GLADSTONE
Contact Phone:	808-522-4501
Institution Code:	18126
Department/Bldg:	DEPT OF NUCLEAR MEDICINE::
States Allowing Use:	Not Reported
Store Material Use:	No
Redistribution Use:	No
Incinerate Use:	No
Burial Use:	No
Last Inspection Date:	06/23/11
Next Inspection Date:	06/01/13
Licensee Contact:	CH OPER OFFICER
Inspector Name:	Ronald Frick

UST: State and tribal registered storage tank lists

Facility ID:	9-100814
Owner:	STRAUB CLINIC & HOSPITAL INC.
Owner Address:	888 S KING ST
Owner City,St,Zip:	Honolulu, 96813 96813
Latitude:	21.3024
Longitude:	-157.851
Horizontal Reference Datum Name:	NAD83
Tank ID:	R-M-001
Date Installed:	06/08/1970
Tank Status:	**Permanently Out of Use**
Date Closed:	03/09/1999
Tank Capacity:	1800
Substance:	Diesel
Tank ID:	R-M-2
Date Installed:	03/28/1962
Tank Status:	**Permanently Out of Use**
Date Closed:	08/07/1992
Tank Capacity:	1000

STRAUB CLINIC & HOSPITAL, 888 SOUTH KING STREET, HONOLULU, HI 96813 (Continued)

Substance:	Diesel

HI Financial Assurance: Other Standard Environmental Records

Alt Facility ID:	9-100814
Tank Id:	R-M-001
Tank Status:	Permanently Out of Use
FRTYPE:	Self Insured
Expiration Date:	Not Reported

Alt Facility ID:	9-100814
Tank Id:	R-M-2
Tank Status:	Permanently Out of Use
FRTYPE:	Self Insured
Expiration Date:	Not Reported

LUST: State and tribal leaking storage tank lists

Facility ID:	9-100814
Facility Status:	Site Cleanup Completed (NFA)
Facility Status Date:	11/05/1999
Release ID:	990169
Project Officer:	Richard Takaba

801 SOUTH HOTEL STREET 801 SOUTH HOTEL ST, HONOLULU, HI, 96813			S115488669
▲ T28	NE 1/10 - 1/3	(1609 ft. / 0.305 mi.)	State and tribal - equivalent CERCLIS
	13 ft. Higher Elevation	16 ft. Above Sea Level	

Worksheet:

Groundwater Flow Gradient:

Upgradient or Indeterminate: YES

SHWS: State and tribal - equivalent CERCLIS

Organization:	Not Reported
Supplemental Location:	Not Reported
Island:	Oahu
Environmental Interest:	801 South Hotel Street
HID Number:	Not Reported
Facility Registry Identifier:	Not Reported
Lead Agency:	HEER
Program:	State
Project Manager:	Cal Miyahara
Hazard Priority:	Medium
Potential Hazards And Controls:	Hazard Undetermined
Organization:	Not Reported
Island:	Oahu
Supplemental Location Text:	Not Reported
SDAR Environmental Interest Name:	801 South Hotel Street
HID Number:	Not Reported
Facility Registry Identifier:	Not Reported
Lead Agency:	HEER
Progran Name:	State
Potential Hazard And Controls:	Hazard Undetermined
Priority:	Medium
Assessment:	Assessment Ongoing
Response:	Not Reported
Nature of Contamination:	Not Reported
Nature of Residual Contamination:	Not Reported
Use Restrictions:	Undetermined
Engineering Control:	Not Reported
Description of Restrictions:	Not Reported
Institutional Control:	Not Reported
Within Designated Areawide Contamination:	Not Reported
Site Closure Type:	Not Reported
Document Date:	Not Reported
Document Number:	Not Reported
Document Subject:	Not Reported
Project Manager:	Cal Miyahara
Contact Information:	(808) 586-4249 919 Ala Moana Blvd, Honolulu, HI 96814

RECORD SOURCES AND CURRENCY

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

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

STANDARD ENVIRONMENTAL RECORDS

PRP: Potentially Responsible Parties

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013 | Source: EPA

Number of Days to Update: 3 | Telephone: 202-564-6023

Last EDR Contact :09/30/2014

RMP: Risk Management Plans

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 08/01/2014 | Source: Environmental Protection Agency

Number of Days to Update: 86 | Telephone: 202-564-8600

Last EDR Contact :10/27/2014

AIRS: List of Permitted Facilities

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of permitted facilities in the state.

Date of Government Version: 07/08/2014 | Source: Department of Health

Number of Days to Update: 29 | Telephone: 808-586-4200

Last EDR Contact :11/04/2014

BROWNFIELDS: Brownfields Sites

Standard Environmental Record Source: State and tribal Brownfields sites

Search Distance: 0.333 Mile

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: 01/04/2014 | Source: Department of Health

Number of Days to Update: 9 | Telephone: 808-586-4249

Last EDR Contact :11/26/2014

CDL: Clandestine Drug Lab Listing

Standard Environmental Record Source: Other Standard Environmental Records

RECORD SOURCES AND CURRENCY

Search Distance: Property

A listing of clandestine drug lab site locations.

Date of Government Version: 08/04/2010 Source: Department of Health
Number of Days to Update: 42 Telephone: 808-586-4249
Last EDR Contact :12/11/2014

DRYCLEANERS: Permitted Drycleaner Facility Listing
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.25 Mile

A listing of permitted drycleaner facilities in the state.

Date of Government Version: 04/01/2014 Source: Department of Health
Number of Days to Update: 25 Telephone: 808-586-4200
Last EDR Contact :10/03/2014

ENG CONTROLS: Engineering Control Sites
Standard Environmental Record Source: State and tribal institutional control / engineering control registries
Search Distance: Property

A listing of sites with engineering controls in place.

Date of Government Version: 01/04/2014 Source: Department of Health
Number of Days to Update: 9 Telephone: 404-586-4249
Last EDR Contact :11/26/2014

Financial Assurance: Financial Assurance Information Listing
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of financial assurance information for underground storage tank facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 09/17/2014 Source: Department of Health
Number of Days to Update: 6 Telephone: 808-586-4226
Last EDR Contact :12/11/2014

INST CONTROL: Sites with Institutional Controls
Standard Environmental Record Source: State and tribal institutional control / engineering control registries
Search Distance: Property

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

Date of Government Version: 01/04/2014 Source: Department of Health
Number of Days to Update: 9 Telephone: 808-586-4249
Last EDR Contact :11/26/2014

LUST: Leaking Underground Storage Tank Database
Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

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.

RECORD SOURCES AND CURRENCY

Date of Government Version: 09/17/2014 Source: Department of Health
Number of Days to Update: 6 Telephone: 808-586-4228
Last EDR Contact :12/11/2014

SHWS: Sites List

Standard Environmental Record Source: State and tribal - equivalent CERCLIS
Search Distance: 0.333 Mile

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: 01/04/2014 Source: Department of Health
Number of Days to Update: 9 Telephone: 808-586-4249
Last EDR Contact :11/26/2014

SPILLS: Release Notifications

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 01/04/2014 Source: Department of Health
Number of Days to Update: 12 Telephone: 808-586-4249
Last EDR Contact :11/26/2014

SWF/LF: Permitted Landfills in the State of Hawaii

Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

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: 09/17/2012 Source: Department of Health
Number of Days to Update: 37 Telephone: 808-586-4245
Last EDR Contact :10/03/2014

UIC: Underground Injection Wells Listing

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of underground injection well locations.

Date of Government Version: 02/07/2013 Source: Department of Health
Number of Days to Update: 56 Telephone: 808-586-4258
Last EDR Contact :11/26/2014

UST: Underground Storage Tank Database

Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

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: 09/17/2014 Source: Department of Health
Number of Days to Update: 6 Telephone: 808-586-4228

RECORD SOURCES AND CURRENCY

Last EDR Contact :12/11/2014

VCP: Voluntary Response Program Sites

Standard Environmental Record Source: State and tribal voluntary cleanup sites

Search Distance: 0.333 Mile

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: 01/04/2014 Source: Department of Health

Number of Days to Update: 9 Telephone: 808-586-4249

Last EDR Contact :11/26/2014

2020 COR ACTION: 2020 Corrective Action Program List

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.25 Mile

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011 Source: Environmental Protection Agency

Number of Days to Update: 7 Telephone: 703-308-4044

Last EDR Contact :11/14/2014

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

Standard Environmental Record Source: Federal CERCLIS

Search Distance: 0.333 Mile

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: 10/25/2013 Source: EPA

Number of Days to Update: 94 Telephone: 703-412-9810

Last EDR Contact :11/24/2014

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 10/25/2013 Source: EPA

Number of Days to Update: 94 Telephone: 703-412-9810

Last EDR Contact :11/24/2014

COAL ASH DOE: Sleam-Electric Plan Operation Data

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Number of Days to Update: 76
Last EDR Contact :10/17/2014

Source: Department of Energy
Telephone: 202-586-8719

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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

Date of Government Version: 07/01/2014
Number of Days to Update: 40
Last EDR Contact :12/12/2014

Source: Environmental Protection Agency
Telephone: Not Reported

CONSENT: Superfund (CERCLA) Consent Decrees
Standard Environmental Record Source: Federal NPL
Search Distance: 0.333 Mile

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: 12/31/2013
Number of Days to Update: 31
Last EDR Contact :09/30/2014

Source: Department of Justice, Consent Decree Library
Telephone: Varies

CORRACTS: Corrective Action Report
Standard Environmental Record Source: Federal RCRA CORRACTS facilities list
Search Distance: 0.333 Mile

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/10/2014
Number of Days to Update: 78
Last EDR Contact :11/07/2014

Source: EPA
Telephone: 800-424-9346

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
Standard Environmental Record Source: State and tribal landfill / solid waste disposal
Search Distance: 0.333 Mile

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

Date of Government Version: 01/12/2009
Number of Days to Update: 137
Last EDR Contact :10/24/2014

Source: EPA, Region 9
Telephone: 415-947-4219

DELISTED NPL: National Priority List Deletions
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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: 09/29/2014

Source: EPA

Number of Days to Update: 40 Telephone: Not Reported
Last EDR Contact :10/08/2014

DOT OPS: Incident and Accident Data
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 07/31/2012 Source: Department of Transporation, Office of Pipeline Safety
Number of Days to Update: 42 Telephone: 202-366-4595
Last EDR Contact :11/04/2014

EPA WATCH LIST: EPA WATCH LIST
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Source: Environmental Protection Agency
Number of Days to Update: 88 Telephone: 617-520-3000
Last EDR Contact :11/14/2014

ERNS: Emergency Response Notification System
Standard Environmental Record Source: Federal ERNS list
Search Distance: Property

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

Date of Government Version: 09/29/2014 Source: National Response Center, United States Coast Guard
Number of Days to Update: 37 Telephone: 202-267-2180
Last EDR Contact :09/30/2014

FEMA UST: Underground Storage Tank Listing
Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Source: FEMA
Number of Days to Update: 55 Telephone: 202-646-5797
Last EDR Contact :10/10/2014

FINDS: Facility Index System/Facility Registry System
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 08/16/2014 Source: EPA
Number of Days to Update: 40 Telephone: Not Reported
Last EDR Contact :12/09/2014

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

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 04/09/2009 Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Number of Days to Update: 25 Telephone: 202-566-1667
Last EDR Contact :11/19/2014

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

Standard Environmental Record Source: Other Standard Environmental Records

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

Date of Government Version: 04/09/2009 Source: EPA
Number of Days to Update: 25 Telephone: 202-566-1667
Last EDR Contact :11/19/2014

FUDS: Formerly Used Defense Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 06/06/2014 Source: U.S. Army Corps of Engineers
Number of Days to Update: 8 Telephone: 202-528-4285
Last EDR Contact :12/12/2014

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 10/19/2006 Source: Environmental Protection Agency
Number of Days to Update: 40 Telephone: 202-564-2501
Last EDR Contact :12/17/2007

HMIRS: Hazardous Materials Information Reporting System

Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 09/30/2014 Source: U.S. Department of Transportation
Number of Days to Update: 36 Telephone: 202-366-4555
Last EDR Contact :10/01/2014

ICIS: Integrated Compliance Information System
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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: 07/31/2014 Source: Environmental Protection Agency
Number of Days to Update: 8 Telephone: 202-564-5088
Last EDR Contact :10/10/2014

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
Search Distance: 0.333 Mile

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013 Source: EPA Region 1
Number of Days to Update: 184 Telephone: 617-918-1313
Last EDR Contact :10/31/2014

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/20/2014 Source: EPA Region 10
Number of Days to Update: 73 Telephone: 206-553-2857
Last EDR Contact :10/27/2014

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 07/30/2014 Source: EPA Region 4
Number of Days to Update: 10 Telephone: 404-562-8677
Last EDR Contact :10/27/2014

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/03/2014 Source: EPA, Region 5
Number of Days to Update: 12 Telephone: 312-886-7439
Last EDR Contact :10/27/2014

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/06/2014 Source: EPA Region 6
Number of Days to Update: 19 Telephone: 214-665-6597
Last EDR Contact :10/27/2014

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 05/22/2014 Source: EPA Region 7
Number of Days to Update: 27 Telephone: 913-551-7003
Last EDR Contact :10/27/2014

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/04/2014 Source: EPA Region 8
Number of Days to Update: 10 Telephone: 303-312-6271
Last EDR Contact :10/27/2014

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal leaking storage tank lists
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013 Source: Environmental Protection Agency
Number of Days to Update: 42 Telephone: 415-972-3372
Last EDR Contact :10/27/2014

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Source: Environmental Protection Agency
Number of Days to Update: 52 Telephone: 703-308-8245
Last EDR Contact :10/29/2014

INDIAN UST R1: Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal registered storage tank lists
Search Distance: Property

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

Date of Government Version: 02/01/2013 Source: EPA, Region 1
Number of Days to Update: 271 Telephone: 617-918-1313
Last EDR Contact :10/31/2014

INDIAN UST R10: Underground Storage Tanks on Indian Land
Standard Environmental Record Source: State and tribal registered storage tank lists

RECORD SOURCES AND CURRENCY

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

Date of Government Version: 05/20/2014 Source: EPA Region 10
Number of Days to Update: 66 Telephone: 206-553-2857
Last EDR Contact :10/27/2014

INDIAN UST R4: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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

Date of Government Version: 07/30/2014 Source: EPA Region 4
Number of Days to Update: 10 Telephone: 404-562-9424
Last EDR Contact :10/27/2014

INDIAN UST R5: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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

Date of Government Version: 11/03/2014 Source: EPA Region 5
Number of Days to Update: 12 Telephone: 312-886-6136
Last EDR Contact :10/27/2014

INDIAN UST R6: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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

Date of Government Version: 10/06/2014 Source: EPA Region 6
Number of Days to Update: 8 Telephone: 214-665-7591
Last EDR Contact :10/27/2014

INDIAN UST R7: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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

Date of Government Version: 08/20/2014 Source: EPA Region 7
Number of Days to Update: 27 Telephone: 913-551-7003
Last EDR Contact :10/27/2014

INDIAN UST R8: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

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

Date of Government Version: 11/04/2014 Source: EPA Region 8
Number of Days to Update: 10 Telephone: 303-312-6137
Last EDR Contact :10/27/2014

INDIAN UST R9: Underground Storage Tanks on Indian Land

Standard Environmental Record Source: State and tribal registered storage tank lists

RECORD SOURCES AND CURRENCY

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

Date of Government Version: 08/14/2014 Source: EPA Region 9
Number of Days to Update: 7 Telephone: 415-972-3368
Last EDR Contact :10/27/2014

INDIAN VCP R1: Voluntary Cleanup Priority Listing
Standard Environmental Record Source: State and tribal voluntary cleanup sites
Search Distance: 0.333 Mile

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014 Source: EPA, Region 1
Number of Days to Update: 36 Telephone: 617-918-1102
Last EDR Contact :10/01/2014

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
Standard Environmental Record Source: State and tribal voluntary cleanup sites
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Source: EPA, Region 7
Number of Days to Update: 27 Telephone: 913-551-7365
Last EDR Contact :04/20/2009

LEAD SMELTER 1: Lead Smelter Sites
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

A listing of former lead smelter site locations.

Date of Government Version: 06/04/2014 Source: Environmental Protection Agency
Number of Days to Update: 46 Telephone: 703-603-8787
Last EDR Contact :10/06/2014

LEAD SMELTER 2: Lead Smelter Sites
Standard Environmental Record Source: Other Standard Environmental Records
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Source: American Journal of Public Health
Number of Days to Update: 36 Telephone: 703-305-6451
Last EDR Contact :12/02/2009

LIENS 2: CERCLA Lien Information
Standard Environmental Record Source: Federal CERCLIS
Search Distance: Property

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

Date of Government Version: 02/18/2014 Source: Environmental Protection Agency
Number of Days to Update: 37 Telephone: 202-564-6023
Last EDR Contact :10/27/2014

RECORD SOURCES AND CURRENCY

LUCIS: Land Use Control Information System

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: 0.333 Mile

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

Date of Government Version: 08/29/2014 | Source: Department of the Navy
Number of Days to Update: 11 | Telephone: 843-820-7326
Last EDR Contact :11/17/2014

MLTS: Material Licensing Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/22/2013 | Source: Nuclear Regulatory Commission
Number of Days to Update: 91 | Telephone: 301-415-7169
Last EDR Contact :12/04/2014

NPL: National Priority List

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 09/29/2014 | Source: EPA
Number of Days to Update: 40 | Telephone: Not Reported
Last EDR Contact :10/08/2014

NPL Site Boundaries

Sources:

EPA"s Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-566-0690

EPA Region 1
Telephone: 617-918-1102

EPA Region 2
Telephone: 212-637-4293

EPA Region 3
Telephone: 215-814-5418

EPA Region 4
Telephone: 404-562-8681

EPA Region 5
Telephone: 312-353-1063

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6118

EPA Region 9
Telephone: 415-947-4579

EPA Region 10
Telephone: 206-553-4479

NPL LIENS: Federal Superfund Liens

Standard Environmental Record Source: Federal NPL

Search Distance: Property

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

Date of Government Version: 10/15/1991 Source: EPA
Number of Days to Update: 56 Telephone: 202-564-4267
Last EDR Contact :08/15/2011

ODI: Open Dump Inventory

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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
Number of Days to Update: 39 Telephone: 800-424-9346
Last EDR Contact :06/09/2004

PADS: PCB Activity Database System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 07/01/2014 Source: EPA
Number of Days to Update: 33 Telephone: 202-566-0500
Last EDR Contact :10/15/2014

PCB TRANSFORMER: PCB Transformer Registration Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Source: Environmental Protection Agency
Number of Days to Update: 83 Telephone: 202-566-0517
Last EDR Contact :10/31/2014

Proposed NPL: Proposed National Priority List Sites

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

A site that has been proposed for listing on the NationalPriorities 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 therequirements for listing.

Date of Government Version: 09/29/2014 Source: EPA
Number of Days to Update: 40 Telephone: Not Reported
Last EDR Contact :10/08/2014

RAATS: RCRA Administrative Action Tracking System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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
Number of Days to Update: 35 Telephone: 202-564-4104
Last EDR Contact :06/02/2008

RADINFO: Radiation Information Database

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 10/07/2014 Source: Environmental Protection Agency
Number of Days to Update: 12 Telephone: 202-343-9775
Last EDR Contact :10/08/2014

RCRA NonGen / NLR: RCRA - Non Generators

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 06/10/2014 Source: Environmental Protection Agency
Number of Days to Update: 78 Telephone: 703-308-8895
Last EDR Contact :11/07/2014

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

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

Date of Government Version: 06/10/2014 Source: Environmental Protection Agency
Number of Days to Update: 78 Telephone: 703-308-8895
Last EDR Contact :11/07/2014

RECORD SOURCES AND CURRENCY

RCRA-LQG: RCRA - Large Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

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

Date of Government Version: 06/10/2014 Source: Environmental Protection Agency

Number of Days to Update: 78 Telephone: 703-308-8895

Last EDR Contact :11/07/2014

RCRA-SQG: RCRA - Small Quantity Generators

Standard Environmental Record Source: Federal RCRA generators list

Search Distance: Property

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

Date of Government Version: 06/10/2014 Source: Environmental Protection Agency

Number of Days to Update: 78 Telephone: 703-308-8895

Last EDR Contact :11/07/2014

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

Standard Environmental Record Source: Federal RCRA TSD facilities list

Search Distance: 0.333 Mile

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

Date of Government Version: 06/10/2014 Source: Environmental Protection Agency

Number of Days to Update: 78 Telephone: 703-308-8895

Last EDR Contact :11/07/2014

ROD: Records Of Decision

Standard Environmental Record Source: Federal NPL

Search Distance: 0.333 Mile

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: 11/25/2013 Source: EPA

Number of Days to Update: 74 Telephone: 703-416-0223

Last EDR Contact :12/12/2014

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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

Date of Government Version: 03/07/2011 Source: Environmental Protection Agency
Number of Days to Update: 54 Telephone: 615-532-8599
Last EDR Contact :11/18/2014

SSTS: Section 7 Tracking Systems

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 12/31/2009 Source: EPA
Number of Days to Update: 77 Telephone: 202-564-4203
Last EDR Contact :10/27/2014

TRIS: Toxic Chemical Release Inventory System

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 12/31/2011 Source: EPA
Number of Days to Update: 44 Telephone: 202-566-0250
Last EDR Contact :11/26/2014

TSCA: Toxic Substances Control Act

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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: 12/31/2006 Source: EPA
Number of Days to Update: 64 Telephone: 202-260-5521
Last EDR Contact :09/26/2014

UMTRA: Uranium Mill Tailings Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

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: 09/14/2010 Source: Department of Energy
Number of Days to Update: 146 Telephone: 505-845-0011
Last EDR Contact :11/26/2014

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014 Source: EPA
Number of Days to Update: 17 Telephone: 202-564-2496
Last EDR Contact :09/29/2014

US AIRS MINOR: Air Facility System Data

Standard Environmental Record Source: Other Standard Environmental Records

A listing of minor source facilities.

Date of Government Version: 10/16/2014 Source: EPA
Number of Days to Update: 17 Telephone: 202-564-2496
Last EDR Contact :09/29/2014

US BROWNFIELDS: A Listing of Brownfields Sites

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: 0.333 Mile

Brownfields are 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. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/22/2014 Source: Environmental Protection Agency
Number of Days to Update: 27 Telephone: 202-566-2777
Last EDR Contact :11/07/2014

US CDL: Clandestine Drug Labs

Standard Environmental Record Source: Other Standard Environmental Records

Search Distance: Property

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

Date of Government Version: 07/25/2014 Source: Drug Enforcement Administration
Number of Days to Update: 41 Telephone: 202-307-1000
Last EDR Contact :11/25/2014

US ENG CONTROLS: Engineering Controls Sites List

Standard Environmental Record Source: Federal institutional controls / engineering controls registries

Search Distance: Property

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: 09/18/2014 Source: Environmental Protection Agency

Number of Days to Update: 31 Telephone: 703-603-0695
Last EDR Contact :12/03/2014

US FIN ASSUR: Financial Assurance Information
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/04/2014 Source: Environmental Protection Agency
Number of Days to Update: 46 Telephone: 202-566-1917
Last EDR Contact :11/11/2014

US HIST CDL: National Clandestine Laboratory Register
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 07/25/2014 Source: Drug Enforcement Administration
Number of Days to Update: 41 Telephone: 202-307-1000
Last EDR Contact :11/25/2014

US INST CONTROL: Sites with Institutional Controls
Standard Environmental Record Source: Federal institutional controls / engineering controls registries
Search Distance: Property

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: 09/18/2014 Source: Environmental Protection Agency
Number of Days to Update: 31 Telephone: 703-603-0695
Last EDR Contact :12/03/2014

US MINES: Mines Master Index File
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 08/05/2014 Source: Department of Labor, Mine Safety and Health Administration
Number of Days to Update: 74 Telephone: 303-231-5959
Last EDR Contact :12/03/2014

DOD: Department of Defense Sites
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: 0.333 Mile

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.

RECORD SOURCES AND CURRENCY

Date of Government Version: 12/31/2005 Source: USGS
Number of Days to Update: 62 Telephone: 888-275-8747
Last EDR Contact :11/07/2014

INDIAN RESERV: Indian Reservations
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

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

Date of Government Version: 12/31/2005 Source: USGS
Number of Days to Update: 34 Telephone: 202-208-3710
Last EDR Contact :11/07/2014

PWS: Public Water System Data
Standard Environmental Record Source: Other Standard Environmental Records
Search Distance: Property

This Safe Drinking Water Information System (SDWIS) file contains public water systems name and address, population served and the primary source of water

Date of Government Version: 12/17/2013 Source: EPA
Number of Days to Update: 279 Telephone: Not Reported
Last EDR Contact :12/03/2014

RECORD SOURCES AND CURRENCY

HISTORICAL USE RECORDS

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

Date of Government Version: Not Reported
Source: Department of Health
Number of Days to Update: 191
Telephone: Not Reported
Last EDR Contact :06/01/2012

RGA LF: Recovered Government Archive Solid Waste Facilities List

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

Date of Government Version: Not Reported
Source: Department of Health
Number of Days to Update: 200
Telephone: Not Reported
Last EDR Contact :06/01/2012

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

Standard Environmental Record Source: Exclusive Recovered Govt. Archives

Search Distance: Property

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Health in Hawaii.

Date of Government Version: Not Reported
Source: Department of Health
Number of Days to Update: 186
Telephone: Not Reported
Last EDR Contact :06/01/2012

EDR MGP: EDR Proprietary Manufactured Gas Plants

Standard Environmental Record Source: Former manufactured Gas Plants

Search Distance: 0.333 Mile

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: 08/28/2009
Source: EDR, Inc.
Number of Days to Update: 55
Telephone: Not Reported
Last EDR Contact :11/30/2012

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

Standard Environmental Record Source: Historical Gas Stations

Search Distance: 0.25 Mile

RECORD SOURCES AND CURRENCY

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: 02/20/2007 Source: EDR, Inc.
Number of Days to Update: 42 Telephone: Not Reported
Last EDR Contact :02/21/2007

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

Standard Environmental Record Source: Historical Dry Cleaners

Search Distance: 0.25 Mile

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: 02/20/2007 Source: EDR, Inc.
Number of Days to Update: 42 Telephone: Not Reported
Last EDR Contact :02/21/2007

RECORD SOURCES AND CURRENCY

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® 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

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.

STREET AND ADDRESS INFORMATION

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REQUEST TO ACCESS A GOVERNMENT RECORD

DATE: January 5, 2014

RECEIVED
DEPARTMENT OF HEALTH

TO: Hazard Evaluation & Emergency Response Office (Fax: 586-7537)

FROM: Maureen Logan, Muranaka Environmental Consultants Inc

Name or Alias

mlogan@muranakaenv.com

Contact Information

Fax # (808) 845-8823

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

I WOULD LIKE THE FOLLOWING GOVERNMENT RECORD:

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

803 Waimanu street, Honolulu, HI 96813
764 Kawaiahao Street, Honolulu, HI 96813

*** No record found on the site/
facility or address request ***

B.Bennett
1/6/15

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

☒ To inspect the government record.

☐ A copy of the government record: (Please check one of the options below.) See the back of this page for information about fees that you may be required to pay for agency services to process your record request. Note: Copying and transmission charges may also apply to certain options.

- ☐ Pick up at agency (date and time): _____
- ☐ Mail
- ☐ Fax (toll free and only if available)
- ☐ Other, if available (please specify): _____

☐ If the agency maintains the records in a form other than paper, please advise in which format you would prefer to have the record.

☐ Electronic ☐ Audio ☐ Other (please specify): _____

☐ Check this box if you are attaching a request for waiver of fees in the public interest (see waiver information on back).

SEE BACK FOR IMPORTANT INFORMATION

OFFICIAL USE ONLY:

Office Manager

1-7-14
Date

OIP (rev. 7/29/99)

NOTICE TO REQUESTER

TO: Maureen Logan / Muranaka Environmental Consultants
FROM: Buppa Bennett / HEER Office (808) 586-4249
(Agency/name & telephone number of contact person at agency)

DATE REQUEST RECEIVED: January 5, 2015
DATE OF THIS NOTICE: January 8, 2015
GOVERNMENT RECORDS YOU REQUESTED (attach copy of request or provide brief description below):

attached

NOTICE IS PROVIDED TO YOU THAT YOUR REQUEST:

☐ **Will be granted in its entirety**
☒ **Cannot be granted because**
- ☒ Agency does not maintain the records. Agency believed to maintain records: _____
- ☐ Agency needs a further description or clarification of the records requested. Please contact the agency and provide the following information: _____
- ☐ Request requires agency to create a summary or compilation from records not readily retrievable.

☐ **Is denied in its entirety** ☐ **Will be granted only as to certain parts**
based upon the following exemption provided in HRS § 92F-13 and/or § 92F-22 and other laws cited below (portions of records that agency will not disclose should be described in general terms).

RECORDS OR INFORMATION WITHHELD	APPLICABLE STATUTES	AGENCY JUSTIFICATION

REQUESTER'S RESPONSIBILITIES:

You are required to (1) pay any lawful fees assessed; (2) make any necessary arrangements with the agency to inspect, copy or receive copies as instructed below; and (3) provide the agency any additional information requested. If you do not comply with the requirements set forth in this notice within 20 business days after the postmark date of this notice or the date the agency makes the records available, you will be presumed to have abandoned your request and the agency shall have no further duty to process your request. Once the agency begins to process your request, you may be liable for any fees incurred. If you wish to cancel or modify your request, you must advise the agency upon receipt of this notice.

METHOD & TIMING OF DISCLOSURE:

Records available for public access in their entireties must be disclosed within a reasonable time, not to exceed 10 business days, or after receipt of any prepayment required. Records not available in their entireties must be disclosed within 5 business days of this notice or after receipt of any prepayment required. If incremental disclosure is authorized by HAR § 2-71-15, the first increment must be disclosed within 5 business days of this notice or after receipt of any prepayment required.

For questions about this notice, please contact the person named above. Questions regarding compliance with the UIPA may be directed to the Office of Information Practices at 808-586-1400 or oip@hawaii.gov.

Appendix E

Appendix F

MARK T. MURANAKA
President

Mr. Muranaka has 26 years of experience in all aspects of asbestos, lead-based paint, mold, polychlorinated biphenyl (PCB), and underground storage tank (UST) management, as well as hazardous materials surveys, analyses, and removal design. He has managed and designed numerous projects for the City and County of Honolulu, the State of Hawaii, the Hawaii Housing Authority, the U.S. Army Corps of Engineers, the U.S. Navy, the U.S. Air Force, and Hawaii's commercial business sector. His additional experience in conducting indoor air quality studies; environmental property audits, hazardous waste site assessments; subsurface soil and water investigations; and providing industrial hygiene training courses, serves as an invaluable tool for MEC's clients.

EDUCATION

Master of Public Health, Industrial Hygiene, University of South Carolina, School of Public Health, Columbia, South Carolina, 1989.
Master of Science, Environmental Health, University of Massachusetts, School of Public Health, Massachusetts, 1985.
Bachelor of Arts, Zoology, University of Hawaii, Honolulu, Hawaii, 1978.

TRAINING

- *Sampling and Evaluating Airborne Asbestos Dust (NIOSH 582)*, University of Washington, Northwest Center of Occupational Health and Safety, 1998.
- *Continuing Education for Certified Lead Professionals,* U.C. Berkeley Extension, Berkeley, California, 1998 to present
- *Lead-based Paint Abatement Project Design*, U.C. Berkeley Extension, Berkeley, California, 1997.
- *Lead-based Paint Abatement Supervision & Monitoring*, U.C. Berkeley Extension, Berkeley, California, 1997.
- *Indoor Air Quality and Mold, Mildew and Moisture,* March 1997.
- *Lead Inspector*, U.C.S.D. Extension, San Diego, California, 1996 to present.
- *Lead Risk Assessment Protocol*, U.C.S.D. Extension, San Diego, California, 1996 to present.
- *Lead-based Paint Occupational Safety and Health Administration Training*, MEC, 1986 to present.
- *Lead Abatement Worker*, Environmental Information Association, San Diego, CA, 1994.
- *Keeping the UST Customer Satisfied,* Workshop for UST service providers, Honolulu, Hawaii January 1994.
- *Lead Abatement Seminar,* Building Industry Association, November 1993.
- *Asbestos Project Monitor, Muranaka Environmental Consultants, Inc.* 2002 to present
- *AHERA Abatement Project Designer*, University of California, Berkeley, 1990 to present.

- *AHERA Asbestos Building Inspector/Management Planner*, University of California, Berkeley, 1989 to present.
- *AHERA Asbestos Abatement Project Supervisor*, University of California, Berkeley, 1986 to present.
- *HAZWOPER Training*, MEC, Honolulu, Hawaii, 1994.
- *HAZWOPER Supervisor*, MEC, Honolulu, Hawaii, 1994.
- State of Hawaii Laboratory License, 1978 to present.
- *ICAP - 61E Atomic Spectroscopy Theory and Practice*, San Francisco, California, 1993.
- *Environmental Risk Assessment*, National Groundwater Association, San Francisco, California, 1993.
- *Shipyard Competent Person/Confined Space Entry Refresher*, Atlantic Environmental & Marine Services, Inc., Honolulu, Hawaii, 1996 to present.
- *Shipyard Competent Person*, National Fire Protection Association, Seattle, Washington, 1992.
- *Underground Storage Tank Management, Leak Detection, and Corrective Action*, University of Wisconsin-Madison, Department of Engineering and Professional Development, 1990.
- *Subsurface Investigations: State-of-the-art Practices for Hazardous Waste Sites*, University of Wisconsin-Madison, Department of Engineering and Professional Development, 1990.
- *Microscopical Identification of Asbestos*, McCrone Research Institute, Chicago, Illinois, 1989.
- *Advanced Asbestos Identification*, McCrone Research Institute, Chicago, Illinois, 1989.
- *Hazardous Waste Management*, University of Hawaii, Environmental Health Dept., 1989.
- *Sampling and Evaluating Airborne Asbestos Dust, National Institute for Occupational Safety and Health (NIOSH) Method 582*, Columbia, South Carolina, 1986.
- *Industrial Hygienist in Training*, core examination, American Board of Industrial Hygiene, 1986.
- *Babcock Certificate*, State of Massachusetts license for analyzing fat content in milk, 1984.
- *Secondary Education Teaching Certificate*, State of Hawaii, private schools, 1981.
- *Sampling for Defensible Environmental Decisions,* EnviroStat, Inc., Chuck Ramsey, 2013.

EXPERIENCE

President/CEO, Muranaka Environmental Consultants, Inc., Honolulu, Hawaii, 1989 to present.

Mr. Muranaka administers the operations of MEC and provides clients with industrial hygiene, environmental, toxicological, occupational health and safety consultation and training as well as Phase I and Phase II Environmental Site Assessments.

Clinical Faculty Professor, University of Hawaii, School of Public Health, Honolulu, Hawaii, 1991 to 1999.
Lecturer for hazardous waste and occupational safety and health classes.

Leader for the Junior Research projects judging committee, HAIS District Science Fair, 1993 to 1994.

Director of the American Industrial Hygiene Association, Hawaii Chapter, 1990 to 1992.

Supervisory Industrial Hygienist, INALAB, Inc., Honolulu, Hawaii, 1988 to 1989.
Mr. Muranaka supervised industrial hygiene technicians responsible for asbestos air monitoring. He also managed and conducted industrial hygiene air sampling projects, indoor air quality surveys, building surveys, noise surveys, asbestos abatement projects, solvent exposure projects, and hazardous waste studies.

Industrial Hygienist, Azimuth, Inc., Columbia, South Carolina, 1986 to 1988.
Mr. Muranaka provided project oversight and compliance on asbestos abatement projects. His responsibilities included analyzing samples by PCM, using NIOSH Method 7400.

Teaching Assistant, Department of Environmental Health, School of Public Health, University of South Carolina, Columbia, South Carolina, 1988.
Mr. Muranaka supervised graduate level laboratory sessions (course title: occupational health hazard evaluation).

Research Assistant, Department of Environmental Health, School of Public Health, University of South Carolina, Columbia, South Carolina, 1986 to 1986.
Mr. Muranaka reviewed literature on the validity and justification of health regulations regarding chlordane and heptachlor.
Research Assistant, Department of Environmental Health, School of Public Health, University of South Carolina, Columbia, South Carolina, 1986 to 1986.
Mr. Muranaka reviewed literature on the validity and justification of health regulations regarding chlordane and heptachlor.

Chemical Analyst, Food and Drugs Laboratory, State of Massachusetts, May 1984 to May 1985.
Mr. Muranaka conducted metal analyses on drinking water using atomic absorption spectroscopy; determined the fat content in milk products; and conducted analyses for illicit drugs (marijuana identification).

Research Assistant, Department of Biostatistics, School of Public Health, University of Massachusetts, Amherst, Massachusetts, September 1984 to May 1985.

Mr. Muranaka processed, disseminated, and statistically analyzed indoor and outdoor contaminant levels.

Lecturer, University Laboratory School, Honolulu, Hawaii, September 1981 to May 1983.
Mr. Muranaka lectured and implemented laboratory sessions in three high school classes, prepared lesson plans, taught lessons, and counseled students.

Nuclear Medical Technician, Radiochemistry Department, Queen's Medical Center, Honolulu, Hawaii, August 1978 to October 1981.
Mr. Muranaka performed radioimmunoassay (gamma and beta scintillation) on human blood.

PRESENTATIONS

- *PH 683 Occupational Health Course, Lead Hazards in the Workplace,* 1.5 hour course, for the University of Hawaii, School of Public Health, 1998.
- *Asbestos, Lead-based paint, and Other Hazardous Materials That May Impact Real Estate Transactions*, a 3 hour seminar, at Realty Edge's bi-weekly staff meeting, 1995.
- *Asbestos Management for Building Owners,* two 2-hour lectures, for the Building Owners Managers Association's RPA Course 9, 1994.
- *Indoor Air Quality*, State Safety and Health Conference, Hawaii, 1994.
- *Hazard Communication*, Honolulu Japanese Chamber of Commerce, 1994.
- *Lead Abatement Seminar*, Building Industry Association of Hawaii, Honolulu, Hawaii, 1993.
- *Asbestos Issues*, presentation at the 1990 Governor's Pacific Rim Safety and Health Conference, Honolulu, Hawaii, 1990.
- Guest speaker at the executive TIP Club of Hawaii, Honolulu, Hawaii, 1989.
- *Multi-variable Time Series Modeling of Formaldehyde Concentrations*, proceedings to the American Industrial Hygiene Conference, Montreal, Canada, 1987.
- *The Behavior of Gases and Vapors in the Work Environment*, Proceedings to the American Public Health Association Conference, Las Vegas, Nevada, 1986.

MEMBERSHIP OF PROFESSIONAL ORGANIZATIONS

- American Industrial Hygiene Association, 1985 to present.
- American Public Health Association, 1985 to 1995.

CERTIFICATIONS AND ACCREDITATIONS

- Certified Asbestos Consultant, State of California, 2002 to present.
- Certified Asbestos Project Designer, State of Hawaii, 2001 to present.
- Certified Asbestos Inspector/Management Planner, State of Hawaii, 2001 to present.
- Certified Asbestos Contractor/Supervisor, State of Hawaii, 2001 to present.
- Certified Asbestos Project Monitor, State of Hawaii, 2001 to present.

- Certified EPA Lead-based Paint Abatement Project Designer State of Hawaii and Guam, 2000 to present.
- Certified EPA Lead-based Paint Abatement Contractor/Supervisor State of Hawaii and Guam, 2000 to present.
- Certified EPA Lead-based Paint Inspector/Risk Assessor State of Hawaii and Guam, 2000 to present.
- Certified Inspector/Assessor, State of California, Department of Health Services, Lead-Related Construction Certificate, 1999 to present.
- Certified Supervisor, State of California, Department of Health Services, Lead-Related Construction Certificate, 1999 to present.
- Certified Project Designer, State of California, Department of Health Services, Lead-Related Construction Certificate, 1999 to present.
- Accredited AHERA Abatement Project Designer, 1990 to present.
- Accredited AHERA Asbestos Building Inspector/Management Planner, 1989 to present.
- Accredited AHERA Asbestos Abatement Project Supervisor, 1986 to present.
- Certified Environmental Specialist, Environmental AssessmentAssociation, 1995.
- Certified Environmental Inspector, Environmental Assessment Association, 1995.

AWARDS

- Traineeship from the National Institute of Occupational Safety and Health.
- Fellowship from the American Industrial Hygiene Association, 1983.

CONFERENCES AND SEMINARS ATTENDED

- Mold Seminar 2005, March 8, 2005.
- Indoor Environment 1997 Conference, April 7, 8, and 9, 1997.
- American Industrial Hygiene Conference, 1994, 1992, 1987.
- American Public Health Association Conference, 1986.

Appendix E

Traffic Impact Analysis Report

TRAFFIC IMPACT ANALYSIS REPORT

803 Waimanu

Honolulu, Oahu, HAWAII

December 2013

Prepared for:
MJF Development Corporation
16601 Gothard Street, Suite F
Huntington Beach, CA 92647

PARSONS BRINCKERHOFF

Over a Century of Engineering Excellence

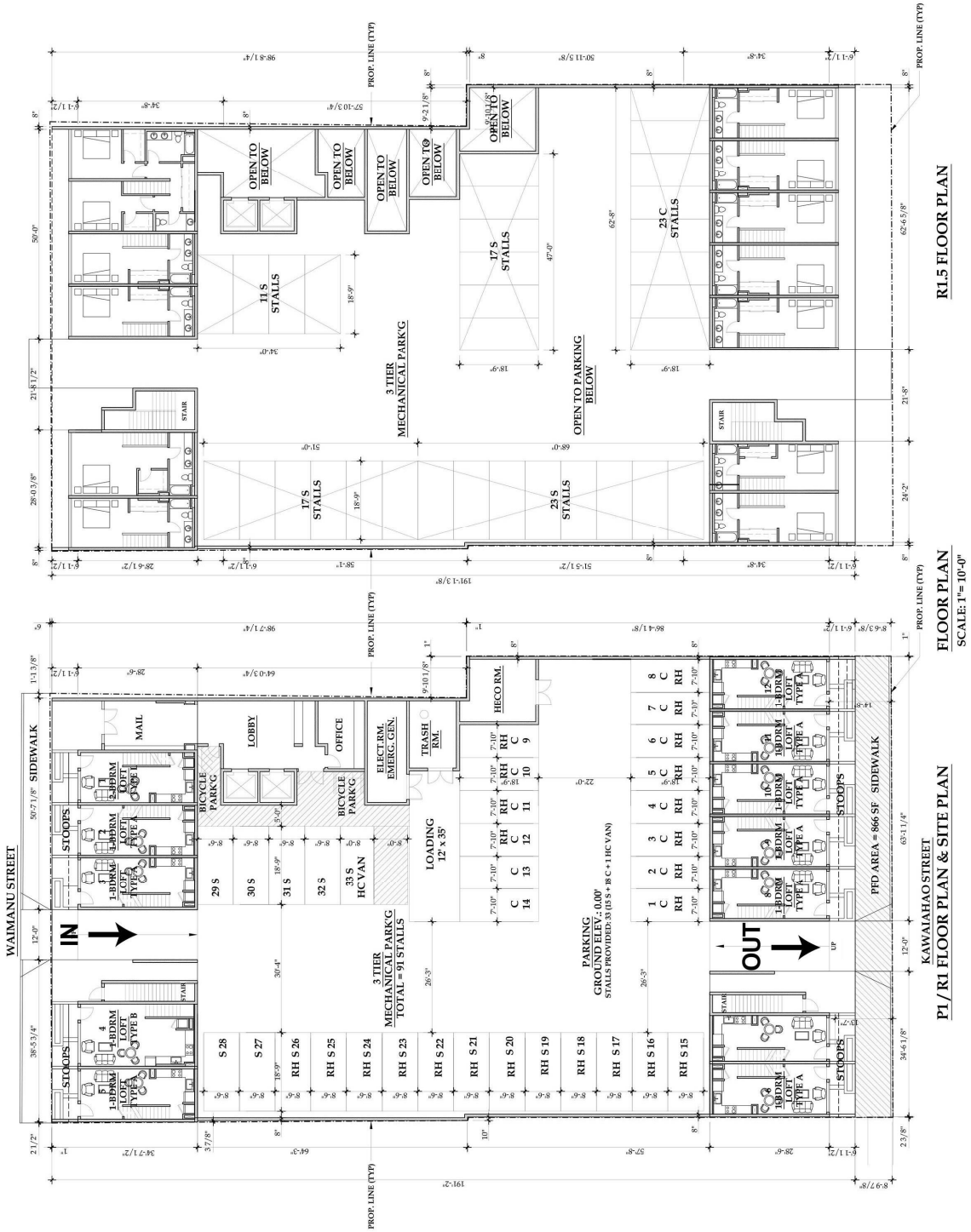
Introduction

MJF Development Corporation has proposed to develop a 7-story mid-rise condominium called 803 Waimanu within the mauka portion of Kakaako. The project is located makai of Waimanu Street at its intersection with Dreier Street near Kapiolani Boulevard. Imperial Plaza is located at the Ewa end of Waimanu, just past Dreier Street and adjacent to the project. 803 Waimanu will replace the existing roughly 20k square foot (SF) auto body shop currently operating out of the lot. The vicinity map is shown in Figure 1.

803 Waimanu will be constructed in a single phase which will consist of 153 residential dwelling units and 91 parking stalls. The project site plan in Figure 2 shows that 803 Waimanu will be accessed from Waimanu Street via a one-way in driveway. Exiting traffic will use a one-way out driveway to Kawaiahao Street.

Figure 1 Vicinity Map

Figure 2 Site Plan



Existing Conditions

The proposed development is located between Waimanu Street and Kawaiahao Street near Dreier Street. The site is currently occupied by an auto body shop. Waimanu Street and Kawaiahao Street are both two lane roadways characterized by similar light industrial land uses.

Imperial Plaza is located directly Ewa on the adjacent lot. Imperial Plaza is a mixed-use development consisting of 261 residential dwelling units with 4 floors of retail commercial and office space.

Data Collection

Existing traffic conditions were observed and documented. Field observations of intersection operations and general intersection characteristics were noted at study area intersections. Geometric lane configurations and intersection traffic control data were collected. Intersection geometry inventory included the following:

- Number of lanes and lane widths,
- Crosswalk locations,
- Unsignalized intersection control,
- Posted speed limits.

All study area intersections are unsignalized, stop-controlled intersections. At the intersection of Kapiolani Boulevard and Dreier Street, mauka-bound Dreier left turns are prohibited. The intersection of Waimanu Street and Dreier Street is all-way stop-controlled.

Intersection turning movement counts were conducted at the following intersections from Wednesday, November 6 to Thursday, November 7, 2013 during the AM and PM peak periods at the following intersections:

- Kapiolani Boulevard/Dreier Street
- Waimanu Street/Dreier Street
- Kawaiahao Street/Cooke Street
- Kawaiahao Street/Imperial Plaza Driveway

The AM and PM peak hours were found to occur from 7:30 to 8:30 AM and from 4:15 to 5:15 PM, respectively. Figure 3 shows the existing peak hour traffic volumes for each turning movement at these intersections. These data were used as inputs into the intersection analyses. Appendix A contains the traffic count data.

The existing lane configurations within the study area are shown in Figure 4. During the AM peak period, a contra-flow lane is provided in the town-bound direction on Kapiolani Boulevard for a total of 4 downtown-bound lanes. No contra-flow is provided during the PM peak period. On Cooke Street, parking restrictions during the PM peak period enable both mauka-bound through lanes to be used. During the AM peak, on-street parking reduces the mauka-bound travel way to a single lane.

Parking

Metered on-street parking is provided along Cooke Street on the Diamond Head side. This parking is restricted between 3:30 PM and 5:30 PM, which effectively opens up an additional mauka-bound lane on Cooke Street. Metered parking is provided on Kawaiahao Street Ewa of Cooke Street. On the Diamond Head side of Cooke Street, no sidewalks are provided beyond the park across from Imperial Plaza and vehicles park on both sides of Kawaiahao Street. Unmarked and unsigned parking is also provided on Dreier Street and Waimanu Street within the project area.

Existing Operations

The study area intersections were analyzed using the methodologies for unsignalized intersections outlined in the 2010 Highway Capacity Manual (HCM). Operating conditions at an intersection by approach are expressed as a qualitative measure known as Level of Service (LOS) ranging from A to F. LOS A represents free-flow operations with low delay, while LOS F represents congested conditions with relatively high delay. Appendix B has more detailed definitions of intersection LOS. Appendix C contains the Synchro worksheets.

Field observations were performed at selected intersections to verify the results of the intersection analyses. Table 1 displays the existing condition LOS for each intersection.

Figure 3 Existing Traffic Volumes

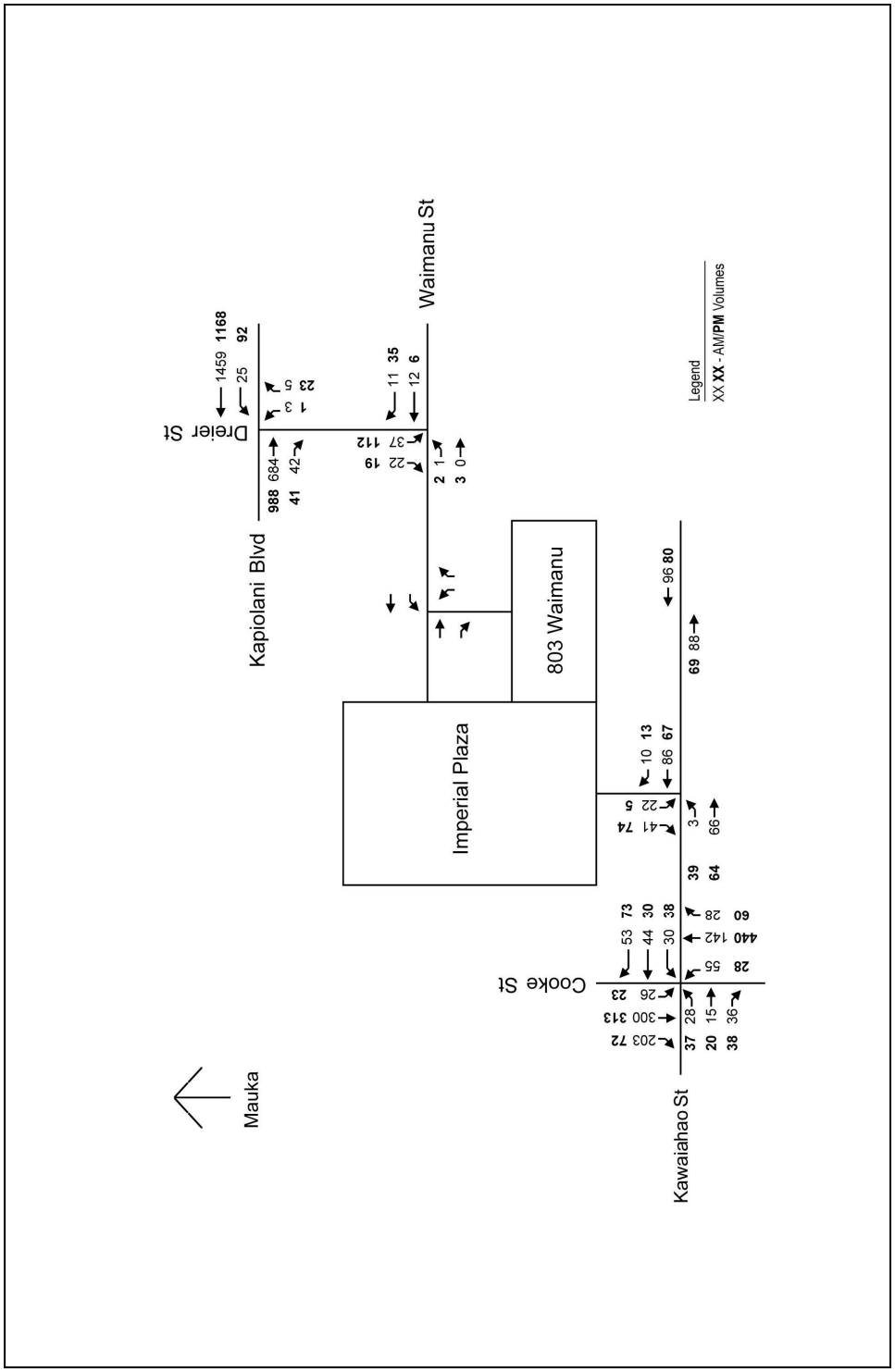


Figure 4 Existing Lane Configurations

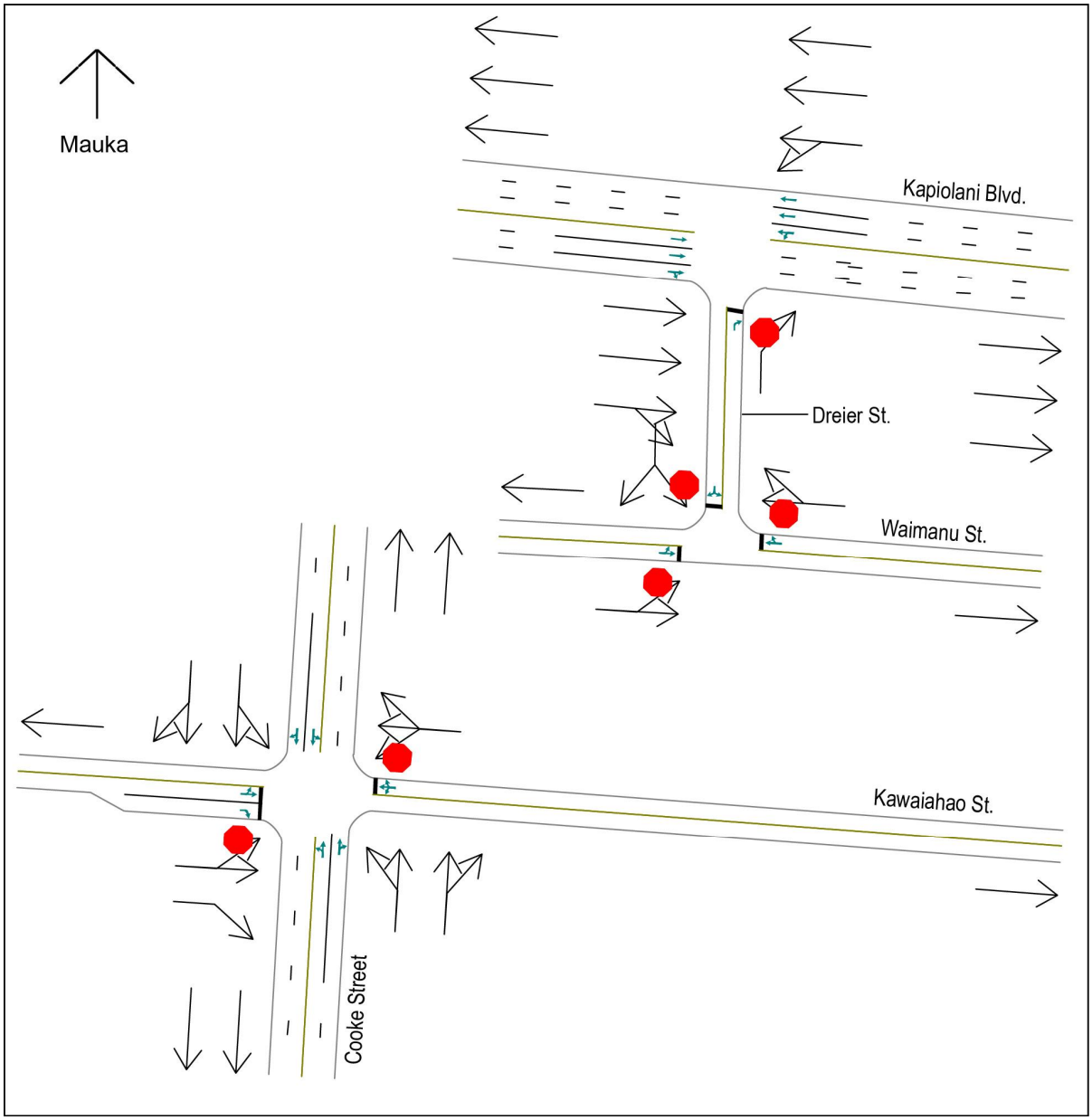


Table 1 Existing Level of Service

	AM		PM	
	LOS	Delay	LOS	Delay
Kapiolani Blvd/Dreier St	Unsignalized			
Dreier St mauka-bound right	B	11	B	15
Kapiolani Blvd Ewa-bound left	A	10	C	20
Cooke St/Kawaiahao St	Unsignalized			
Cooke St mauka-bound left	A	9	A	8
Cooke St makai-bound left	A	8	A	9
Kawaiahao St KKHD-bound left/through	C	22	D	25
Kawaiahao St KKHD-bound right	B	10	A	10
Kawaiahao St Ewa-bound left/through/right	C	18	C	23
Dreier St/Waimanu St	Unsignalized			
Dreier St makai-bound left/right	A	7	A	8
Waimanu St KKHD-bound left/through	A	7	A	7
Waimanu St Ewa-bound through/right	A	7	A	7

Delay expressed in seconds per vehicle.

Signal Warrant Analysis

Peak hour traffic signal warrant analysis was performed for the existing AM and PM peak hours at the intersection of Cooke Street and Kawaiahao Street. Using the Manual on Uniform Traffic Control Devices (MUTCD) 2009 Edition traffic signal warrant methodology, it was determined that the intersection does not satisfy the peak hour signal warrant during either peak hour. Warrant analysis is included in Appendix D.

Summary of Results

Overall the study area intersections operate acceptably in the existing condition. Two issues were identified under the existing conditions:

- Kapiolani Boulevard/Dreier Street – During the AM peak hour, the left-most Ewa-bound Kapiolani Boulevard lane would queue back from Cooke Street. As this lane serves as a de facto left turn lane at Cooke Street, the queuing was likely due to the downstream intersection. During the PM peak hour, town-bound congestion on Kapiolani Boulevard would prevent vehicles attempting to make the left turn to

Dreier Street from reaching the intersection to make the turn. During both peak hours, left turning vehicles were observed to have adequate gaps to complete the left turn despite the queuing.

- Cooke Street/Kawaiahao Street – During the PM peak period, queues originating from the mauka-bound Cooke Street approach at Kapiolani Boulevard were observed. These queues would go as far back as Kawaiahao Street and persisted beyond 5:30 PM, when on-street parking on Cooke Street was permitted. This in turn prevented vehicles from accessing Cooke Street from Kawaiahao Street. Vehicles at the Ewa-bound Kawaiahao Street approach were also hindered by on-street parking, which reduces the approach to a single approach lane.

Projected 2015 Conditions

803 Waimanu is projected to be completed in the Year 2015, which was used as the horizon year for future traffic analysis.

2015 Without Project

Historical data along Kapiolani Boulevard and Cooke Street shows negligible or negative growth. Therefore, the Kakaako Mauka Area Plan Supplemental Environmental Impact Statement Transportation Analysis report dated April 14, 2009 was consulted and a 1.15% annual growth rate was obtained. Projected 2015 background volumes were calculated by applying this growth rate to existing 2013 traffic volumes.

Figure 5 shows the projected 2015 peak hour turning movement volumes without project for each turning movement at the study area intersections.

2015 With Project

The With-Project scenario adds projected trips generated by the project to the Without-Project scenario. The assumed roadway networks are the same. 803 Waimanu consists of 153 dwelling units (DU) of residential condo/townhouse. The Institute of Transportation Engineers (ITE), Trip Generation, 9th Edition was used to estimate the number of trips generated by the project.

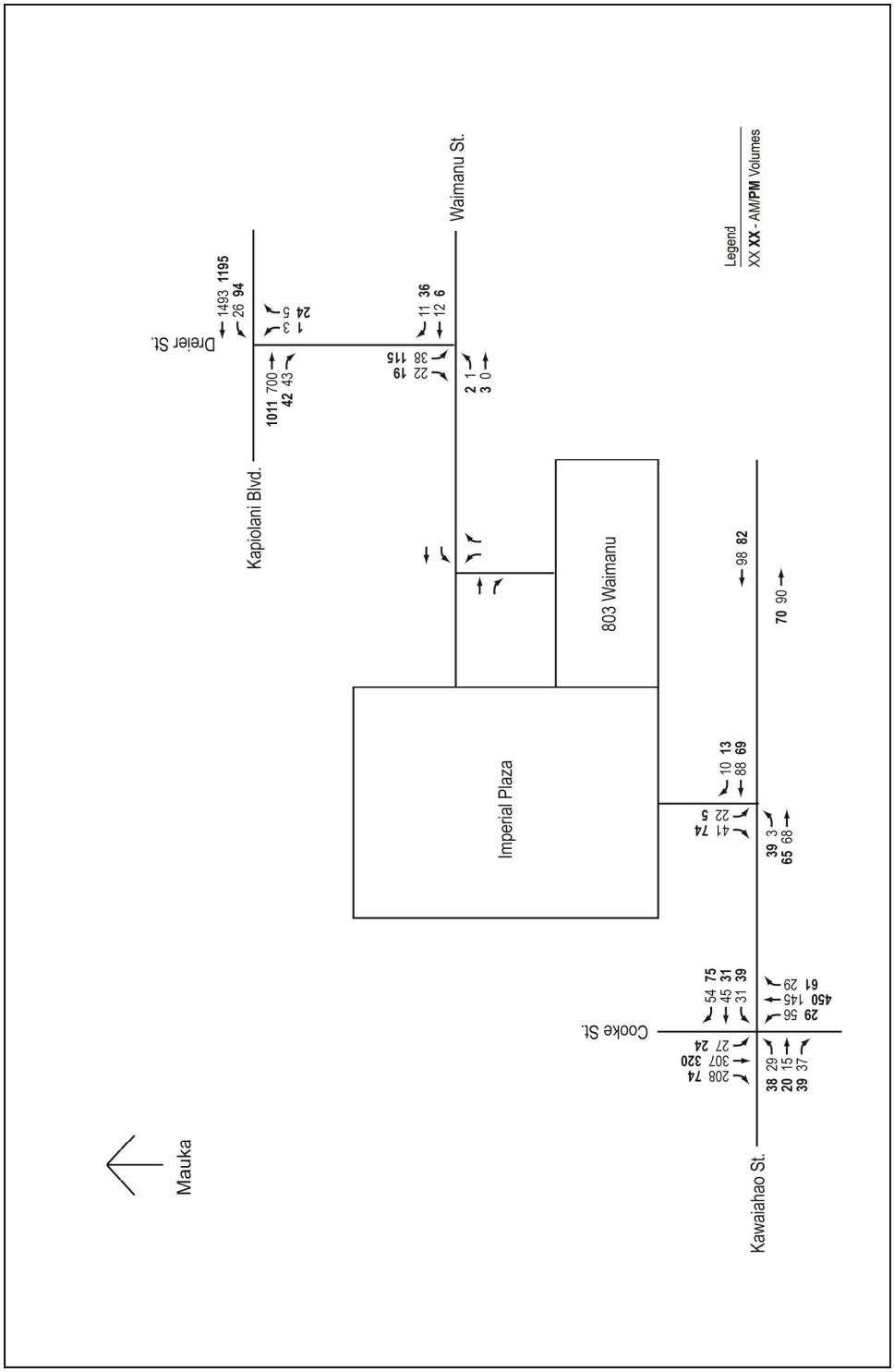
Table 2 summarizes the trips generated by the proposed 803 Waimanu development.

Table 2 Trip Generation

			AM Peak		PM Peak	
	ITE Code	Density	In	Out	In	Out
Residential Condo/Townhouse	230	153 DU	12	61	57	28

Trip Generation expressed in vehicles per hour

Figure 5 Projected 2015 Turning Movement Volumes Without Project



The traffic generated by the project was directionally distributed and assigned to the future roadway network using existing traffic patterns. The project-generated trip assignment was then added to the projected background traffic to obtain the total peak hour turning movement volumes shown in Figure 6.

Projected 2015 Operations

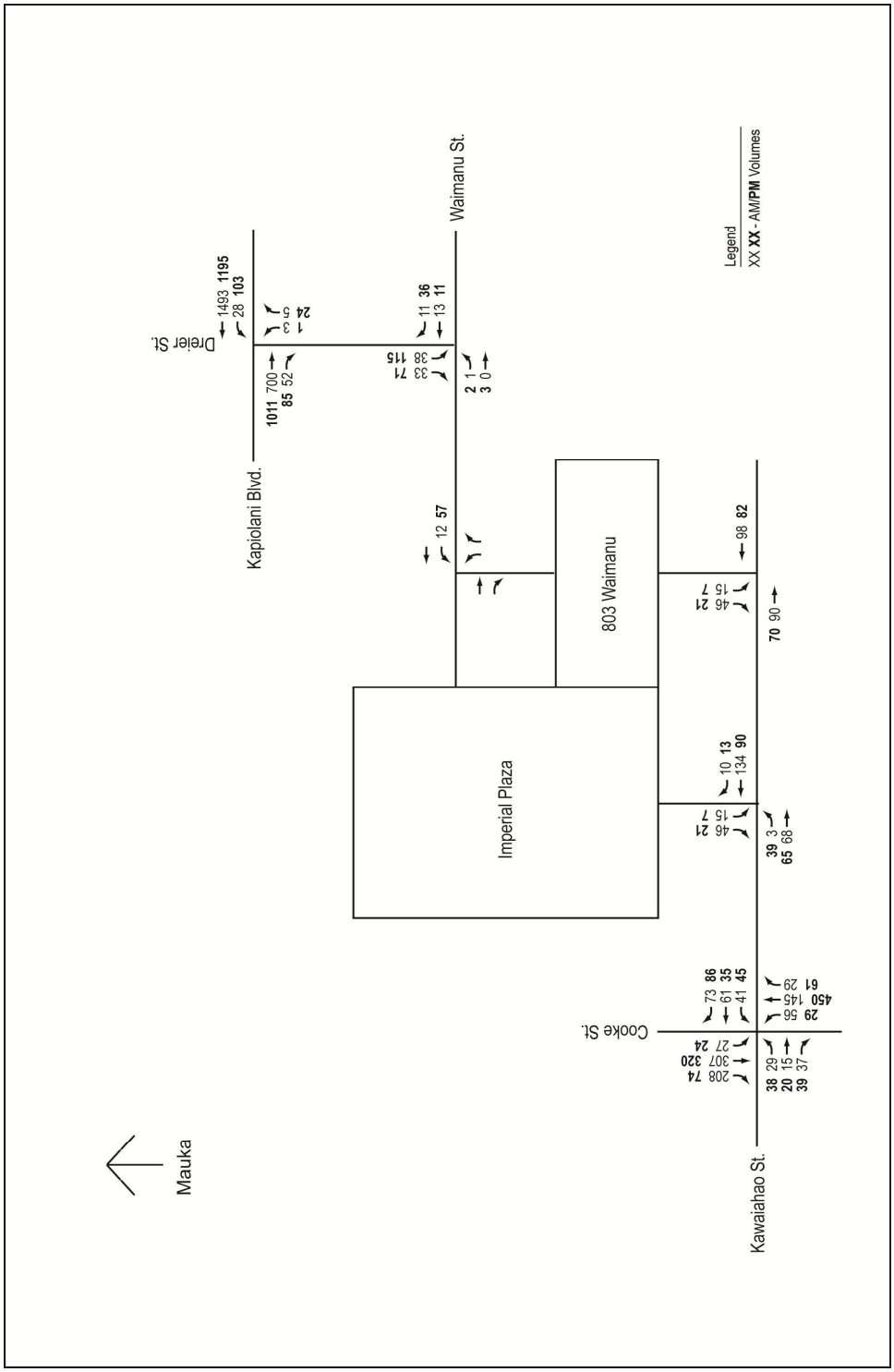
LOS analysis was performed for the study area intersections for the With and Without Project scenarios. The results of the analysis are shown in Table 3. As shown, the project has a minimal impact on the study area intersection operations.

Table 3 Projected 2015 Level of Service

	Without Project				With Project			
	AM		PM		AM		PM	
	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay
Kapiolani Blvd/Dreier St	Unsignalized				Unsignalized			
Dreier St mauka-bound right	B	11	B	15	B	11	C	15
Kapiolani Blvd Ewa-bound left	A	10	C	21	A	10	C	22
Cooke St/Kawaiahao St	Unsignalized				Unsignalized			
Cooke St mauka-bound left	A	9	A	8	A	9	A	8
Cooke St makai-bound left	A	8	A	9	A	8	A	9
Kawaiahao St KKHD-bound left/through	C	23	D	26	D	26	D	27
Kawaiahao St KKHD-bound right	B	10	A	10	B	10	A	10
Kawaiahao St Ewa-bound left/through/right	C	19	D	25	C	22	D	27
Dreier St/Waimanu St	Unsignalized				Unsignalized			
Dreier St makai-bound left/right	A	7	A	8	A	7	A	8
Waimanu St KKHD-bound left/through	A	7	A	7	A	7	A	8
Waimanu St Ewa-bound through/right	A	7	A	7	A	7	A	7

Delay expressed in seconds per vehicle.

Figure 6 Projected 2015 Turning Movement Volumes With Project



Signal Warrant Analysis

Peak Hour traffic signal warrant analysis was performed using projected 2015 AM and PM peak hour traffic volumes with and without project at the intersection of Cooke Street and Kawaiahao Street. Using the MUTCD traffic signal warrant methodology, it was determined that the intersection does not satisfy the peak hour signal warrant with or without the project. Warrant analysis is included in Appendix D.

Summary of Results

As shown in Table 3, the project does not significantly impact the operations at the study area intersections. Based on the analysis results and field observations, the following are recommended:

- Construct project access driveways on Waimanu Street and Kawaiahao Street:
    - One-way in driveway on Waimanu Street.
    - One-way out driveway on Kawaiahao Street. This driveway should be configured as a share left/right turn lane with stop control.
- Based on American Association of State Highway and Transportation Officials (AASHTO) sight distance guidelines, restrict parking on the mauka side of Kawaiahao Street fronting the property for 115' in each direction of the project driveway. This restriction would cover the area between the Imperial Plaza driveway and the Diamond Head property line of 803 Waimanu. Approximately 4 parking stalls would be displaced.
- Provide sidewalks on Waimanu Street and Kawaiahao Street for the areas fronting the project.
- It is not recommended to install a traffic signal at the intersection of Cooke Street and Kawaiahao Street. The existing two-way stop control should be preserved.

APPENDICES

APPENDIX A TRAFFIC COUNT DATA

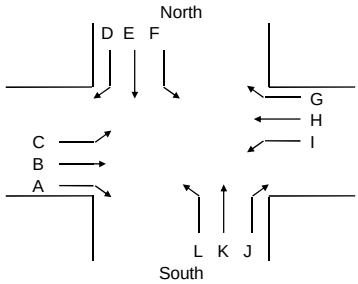
AM COUNT SHEET

Intersection: Cooke St and Kawaiahao St

Date: 11/6/2013

By: Phil Matsunaga

Weather: Clear



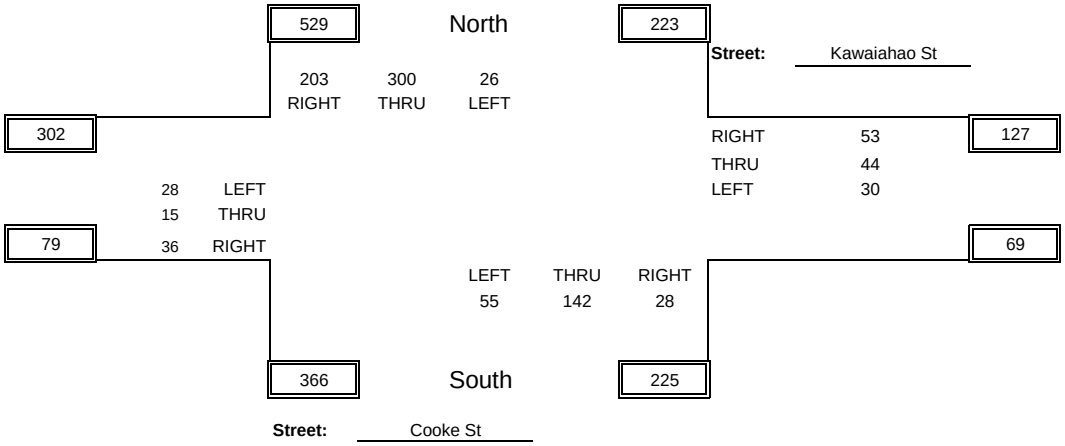
Street: Kawaiahao St

Street: Cooke St

TIME	A	B	C	D	E	F	G	H	I	J	K	L	Total Mvmt	Total Hour
6:30 AM - 6:45 AM	7	1	4	23	45	3	4	3	2	4	29	11	136	736
6:45 AM - 7:00 AM	8	0	3	37	61	2	8	5	1	8	30	7	170	854
7:00 AM - 7:15 AM	8	0	2	58	61	5	10	8	6	7	40	10	215	926
7:15 AM - 7:30 AM	10	3	9	39	70	3	15	13	2	4	36	11	215	948
7:30 AM - 7:45 AM	7	4	12	50	83	8	7	10	11	4	43	15	254	960
7:45 AM - 8:00 AM	9	3	3	53	81	3	16	12	4	6	38	14	242	
8:00 AM - 8:15 AM	10	4	7	49	74	4	17	12	10	11	28	11	237	
8:15 AM - 8:30 AM	10	4	6	51	62	11	13	10	5	7	33	15	227	
Phf	0.900	0.938	0.583	0.958	0.904	0.591	0.779	0.917	0.682	0.636	0.826	0.917	Peak	Phf
7:30 AM - 8:30 AM	36	15	28	203	300	26	53	44	30	28	142	55	960	0.945

Peak Hour

7:30 AM - 8:30 AM



PARSONS
BRINCKERHOFF

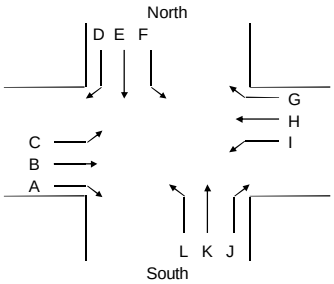
PM COUNT SHEET

Intersection: Cooke St and Kawaiahao St

Date: 11/6/2013

By: Phil Matsunaga

Weather: Clear



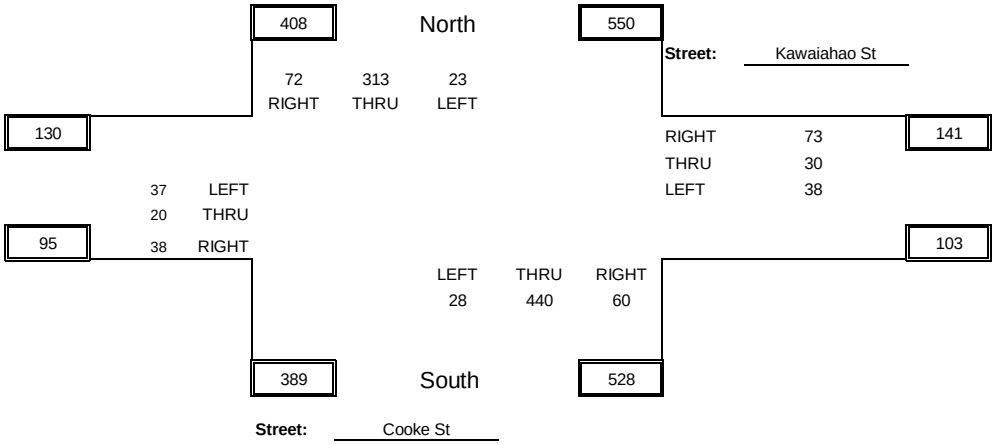
Street: Kawaiahao St

Street: Cooke St

TIME	A	B	C	D	E	F	G	H	I	J	K	L	Total Mvmt	Total Hour
4:00 PM - 4:15 PM	14	4	9	19	66	5	18	9	8	18	76	7	253	1133
4:15 PM - 4:30 PM	6	3	2	19	74	4	21	9	9	15	95	6	263	1172
4:30 PM - 4:45 PM	10	5	8	22	80	4	14	9	8	16	124	8	308	1198
4:45 PM - 5:00 PM	9	6	18	12	89	7	18	6	14	14	110	6	309	1162
5:00 PM - 5:15 PM	13	6	9	19	70	8	20	6	7	15	111	8	292	1085
5:15 PM - 5:30 PM	11	4	13	15	76	7	23	9	7	11	106	7	289	
5:30 PM - 5:45 PM	15	5	7	17	60	7	17	11	7	22	99	5	272	
5:45 PM - 6:00 PM	11	8	9	16	38	5	25	10	6	13	89	2	232	
Phf	0.731	0.833	0.514	0.818	0.879	0.719	0.869	0.833	0.679	0.938	0.887	0.875	Peak	Phf
4:15 PM - 5:15 PM	38	20	37	72	313	23	73	30	38	60	440	28	1172	0.948

Peak Hour

4:15 PM - 5:15 PM



PARSONS
BRINCKERHOFF

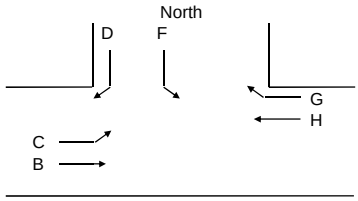
AM COUNT SHEET

Intersection: Kawaiahao St and Driveway

Date: 11/6/2013

By: Phil Matsunaga

Weather: Clear



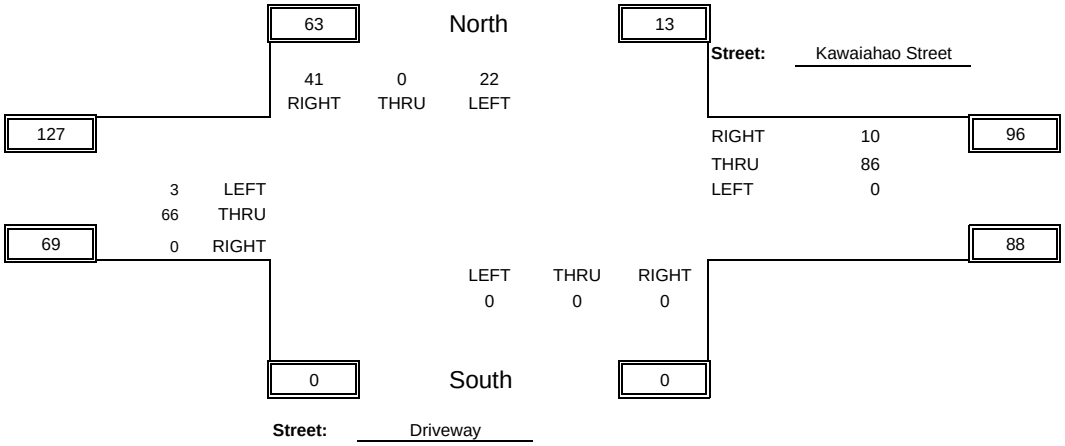
Street: Kawaiahao Street

South
Street: Driveway

TIME	A	B	C	D	E	F	G	H	I	J	K	L	Total Mvmt	Total Hour
6:30 AM - 6:45 AM	0	8	0	0	0	0	0	9	0	0	0	0	17	123
6:45 AM - 7:00 AM	0	10	0	4	0	1	0	10	0	0	0	0	25	156
7:00 AM - 7:15 AM	0	11	1	8	0	1	1	16	0	0	0	0	38	183
7:15 AM - 7:30 AM	0	8	2	10	0	3	0	20	0	0	0	0	43	208
7:30 AM - 7:45 AM	0	15	1	11	0	3	3	17	0	0	0	0	50	228
7:45 AM - 8:00 AM	0	12	0	13	0	5	3	19	0	0	0	0	52	
8:00 AM - 8:15 AM	0	18	1	11	0	4	1	28	0	0	0	0	63	
8:15 AM - 8:30 AM	0	21	1	6	0	10	3	22	0	0	0	0	63	
Phf	#DIV/0!	0.786	0.750	0.788	#DIV/0!	0.550	0.833	0.768	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Peak	Phf
7:30 AM - 8:30 AM	0	66	3	41	0	22	10	86	0	0	0	0	228	0.905

Peak Hour

7:30 AM - 8:30 AM



PARSONS
BRINCKERHOFF

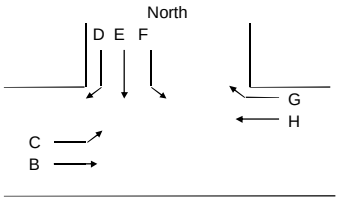
PM COUNT SHEET

Intersection: Kawaiahao St and Driveway

Date: 11/6/2013

By: Phil Matsunaga

Weather: Rainy



Street: Kawaiahao Street

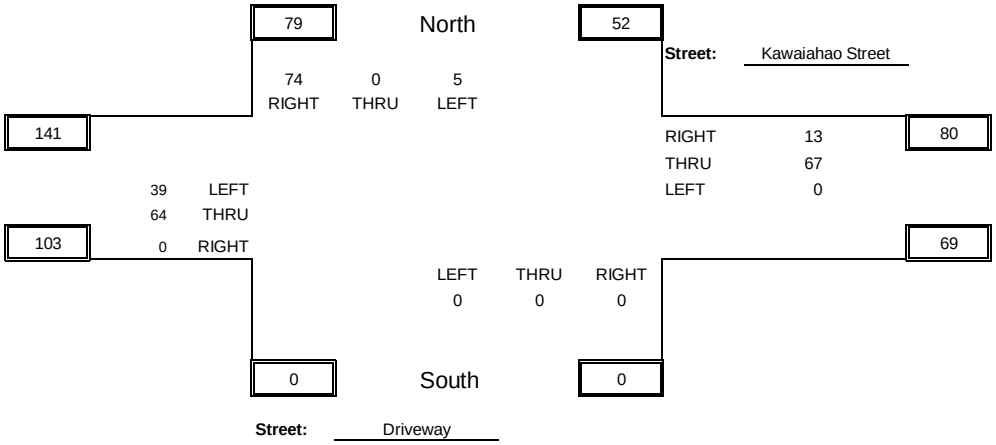
South

Street: Driveway

TIME	A	B	C	D	E	F	G	H	I	J	K	L	Total Mvmt	Total Hour
4:00 PM - 4:15 PM	0	16	11	14	0	6	1	21	0	0	0	0	69	263
4:15 PM - 4:30 PM	0	11	11	16	0	3	1	23	0	0	0	0	65	262
4:30 PM - 4:45 PM	0	16	9	17	0	1	3	14	0	0	0	0	60	264
4:45 PM - 5:00 PM	0	18	9	22	0	1	3	16	0	0	0	0	69	277
5:00 PM - 5:15 PM	0	19	10	19	0	0	6	14	0	0	0	0	68	280
5:15 PM - 5:30 PM	0	7	15	18	0	5	1	21	0	0	0	0	67	
5:30 PM - 5:45 PM	0	27	7	12	0	4	0	23	0	0	0	0	73	
5:45 PM - 6:00 PM	0	22	4	15	0	4	1	26	0	0	0	0	72	
Phf	#DIV/0!	0.842	0.886	0.841	#DIV/0!	0.417	0.542	0.728	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Peak	Phf
4:15 PM - 5:15 PM	0	64	39	74	0	5	13	67	0	0	0	0	262	0.949

Peak Hour

4:15 PM - 5:15 PM



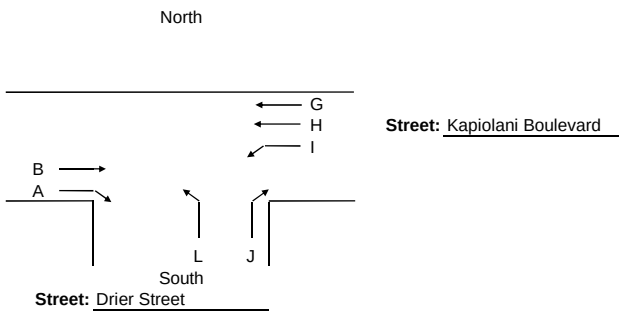
AM COUNT SHEET

Intersection: Kapiolani Blvd and Drier St

Date: 11/7/2013

By: David Miyasaki

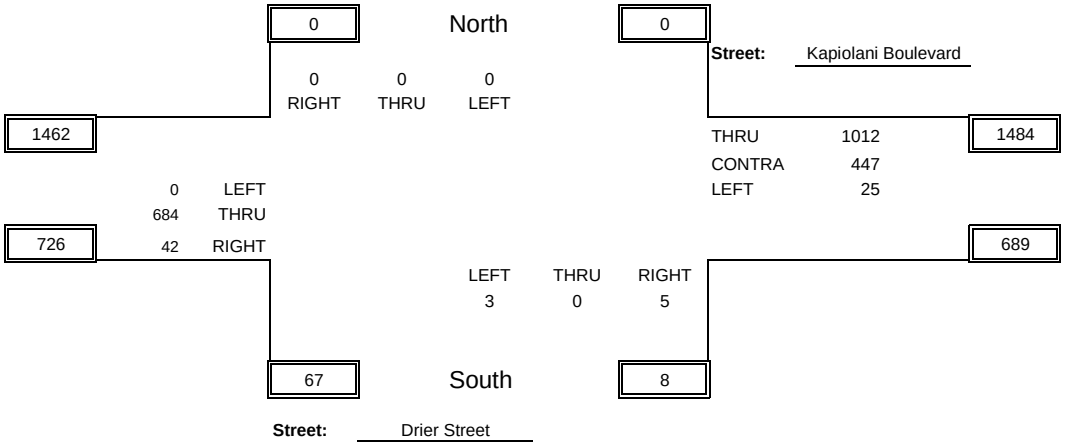
Weather: Cloudy



TIME	A	B	C	D	E	F	G	H	I	J	K	L	Total Mvmt	Total Hour
6:30 AM - 6:45 AM	8	86	0	0	0	0	135	48	5	1	0	0	283	1596
6:45 AM - 7:00 AM	3	114	0	0	0	0	143	74	8	1	0	1	344	1886
7:00 AM - 7:15 AM	6	99	0	0	0	0	217	131	5	0	0	1	459	2112
7:15 AM - 7:30 AM	11	160	0	0	0	0	230	104	4	1	0	0	510	2222
7:30 AM - 7:45 AM	3	139	0	0	0	0	295	132	4	0	0	0	573	2218
7:45 AM - 8:00 AM	11	183	0	0	0	0	257	113	4	2	0	0	570	
8:00 AM - 8:15 AM	11	188	0	0	0	0	246	115	8	1	0	0	569	
8:15 AM - 8:30 AM	17	174	0	0	0	0	214	87	9	2	0	3	506	
Phf	0.618	0.910	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.858	0.847	0.694	0.625	#DIV/0!	0.250	Peak	Phf
7:30 AM - 8:30 AM	42	684	0	0	0	0	1012	447	25	5	0	3	2218	0.968

Peak Hour

7:30 AM - 8:30 AM



PARSONS
BRINCKERHOFF

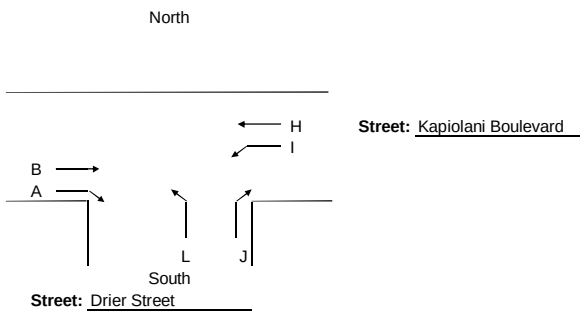
PM COUNT SHEET

Intersection: Kapiolani Blvd and Drier St

Date: 11/7/2013

By: David Miyasaki

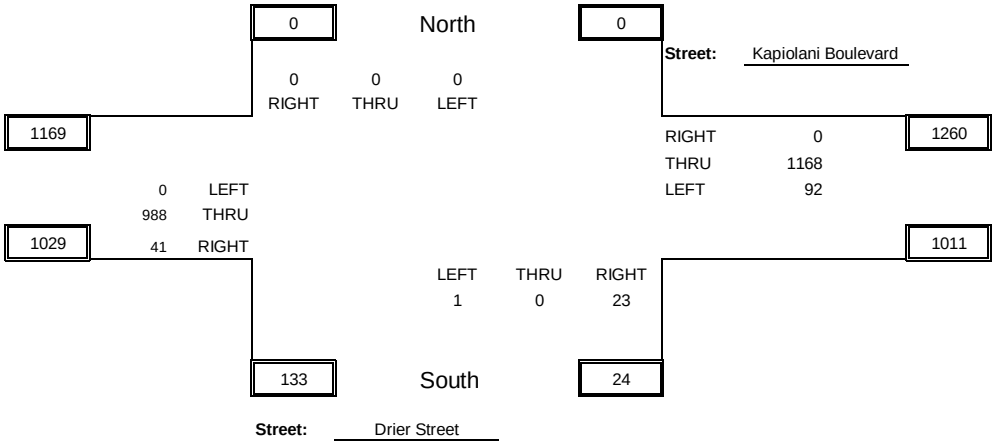
Weather: Cloudy



TIME	A	B	C	D	E	F	G	H	I	J	K	L	Total Mvmt	Total Hour
4:00 PM - 4:15 PM	8	228	0	0	0	0	0	253	29	4	0	0	522	2256
4:15 PM - 4:30 PM	12	248	0	0	0	0	0	302	27	5	0	1	595	2313
4:30 PM - 4:45 PM	13	253	0	0	0	0	0	309	25	4	0	0	604	2289
4:45 PM - 5:00 PM	12	236	0	0	0	0	0	269	11	7	0	0	535	2221
5:00 PM - 5:15 PM	4	251	0	0	0	0	0	288	29	7	0	0	579	2216
5:15 PM - 5:30 PM	10	267	0	0	0	0	0	259	30	5	0	0	571	
5:30 PM - 5:45 PM	8	269	0	0	0	0	0	247	8	4	0	0	536	
5:45 PM - 6:00 PM	10	272	0	0	0	0	0	238	4	6	0	0	530	
Phf	0.788	0.976	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.945	0.793	0.821	#DIV/0!	0.250	Peak	Phf
4:15 PM - 5:15 PM	41	988	0	0	0	0	0	1168	92	23	0	1	2313	0.957

Peak Hour

4:15 PM - 5:15 PM



PARSONS
BRINCKERHOFF

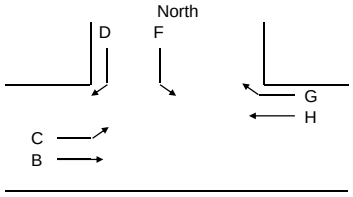
AM COUNT SHEET

Intersection: Waimanu St and Drier St

Date: 11/7/2013

By: Phil Matsunaga

Weather: Cloudy



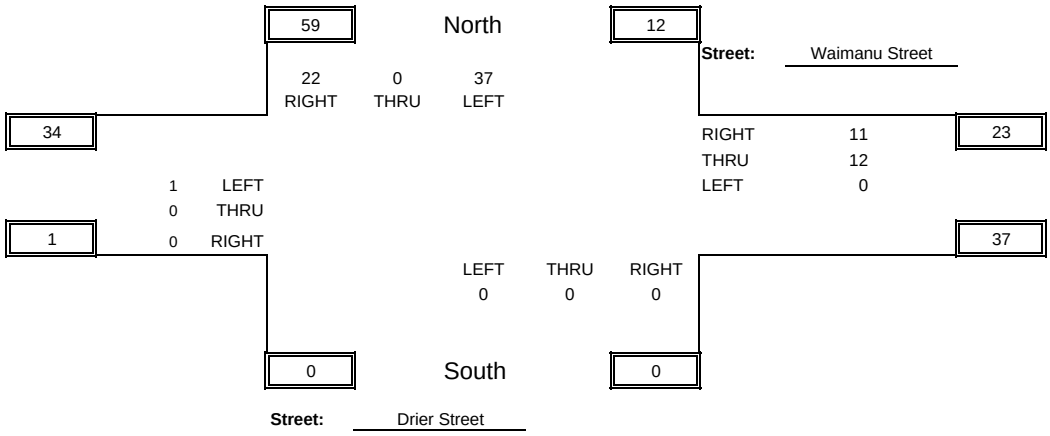
Street: Waimanu Street

South
Street: Drier Street

TIME	A	B	C	D	E	F	G	H	I	J	K	L	Total Mvmt	Total Hour
6:30 AM - 6:45 AM	0	0	0	2	0	8	3	1	0	0	0	0	14	59
6:45 AM - 7:00 AM	0	0	0	4	0	6	3	0	0	0	0	0	13	57
7:00 AM - 7:15 AM	0	0	0	7	0	5	3	1	0	0	0	0	16	63
7:15 AM - 7:30 AM	0	1	0	4	0	7	2	2	0	0	0	0	16	67
7:30 AM - 7:45 AM	0	0	0	2	0	6	2	2	0	0	0	0	12	83
7:45 AM - 8:00 AM	0	0	1	6	0	9	1	2	0	0	0	0	19	
8:00 AM - 8:15 AM	0	0	0	4	0	6	3	7	0	0	0	0	20	
8:15 AM - 8:30 AM	0	0	0	10	0	16	5	1	0	0	0	0	32	
Phf	#DIV/0!	#DIV/0!	0.250	0.550	#DIV/0!	0.578	0.550	0.429	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Peak	Phf
7:30 AM - 8:30 AM	0	0	1	22	0	37	11	12	0	0	0	0	83	1.038

Peak Hour

7:30 AM - 8:30 AM



PARSONS
BRINCKERHOFF

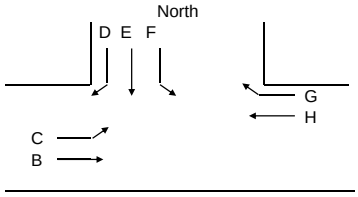
PM COUNT SHEET

Intersection: Waimanu St and Drier St

Date: 11/7/2013

By: Phil Matsunaga

Weather: Rainy



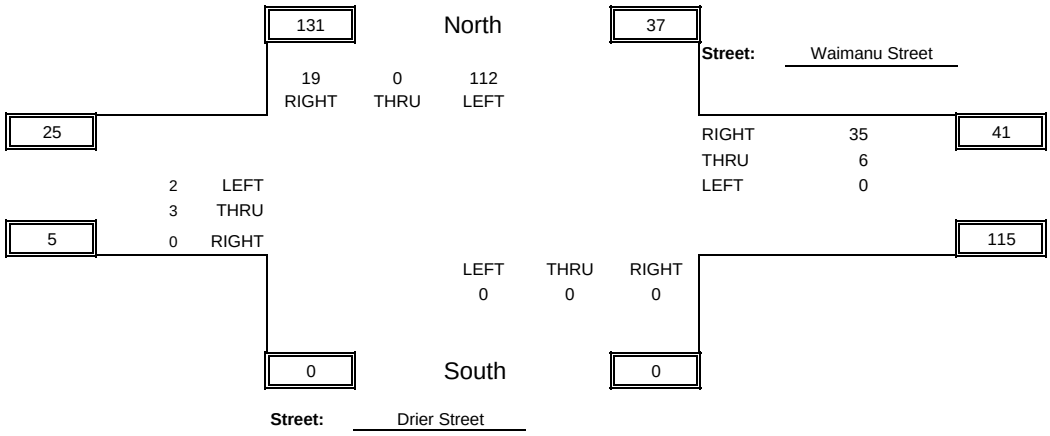
Street: Waimanu Street

South
Street: Drier Street

TIME	A	B	C	D	E	F	G	H	I	J	K	L	Total Mvmt	Total Hour
4:00 PM - 4:15 PM	0	0	0	10	0	22	9	2	0	0	0	0	43	172
4:15 PM - 4:30 PM	0	0	0	7	0	27	11	2	0	0	0	0	47	177
4:30 PM - 4:45 PM	0	1	0	5	0	29	7	0	0	0	0	0	42	186
4:45 PM - 5:00 PM	0	0	2	5	0	24	6	3	0	0	0	0	40	179
5:00 PM - 5:15 PM	0	2	0	2	0	32	11	1	0	0	0	0	48	170
5:15 PM - 5:30 PM	0	1	0	5	0	35	13	2	0	0	0	0	56	
5:30 PM - 5:45 PM	0	0	0	2	0	21	9	3	0	0	0	0	35	
5:45 PM - 6:00 PM	0	0	0	2	0	14	12	3	0	0	0	0	31	
Phf	#DIV/0!	0.375	0.250	0.679	#DIV/0!	0.875	0.795	0.500	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	Peak	Phf
4:15 PM - 5:15 PM	0	3	2	19	0	112	35	6	0	0	0	0	177	0.941

Peak Hour

4:15 PM - 5:15 PM



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APPENDIX B LEVEL OF SERVICE DEFINITIONS

The Highway Capacity Manual defines six Intersection Levels of Service (LOS), labeled A through F, from free flow to congested conditions.

For unsignalized intersections, the Highway Capacity Manual evaluates gaps in the major street traffic flow and calculates available gaps for left-turns across oncoming traffic and for the left and right-turns onto the major roadway from the minor street. Average control delay, based on these factors, is still used to define the levels of service.

LEVEL-OF-SERVICE A: Low control delay, up to 10 s/veh.

LEVEL-OF-SERVICE B: Control delay greater than 10 and up to 15 s/veh.

LEVEL-OF-SERVICE C: Control delay greater than 15 and up to 25 s/veh.

LEVEL-OF-SERVICE D: Control delay greater than 25 and up to 35 s/veh.

LEVEL-OF-SERVICE E: Control delay greater than 35 and up to 50 s/veh.

LEVEL-OF-SERVICE F: Control delay in excess of 50 s/veh.

APPENDIX C INTERSECTION CAPACITY ANALYSIS WORKSHEETS

Intersection	
Intersection Delay, s/veh	4.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	28	15	36	30	44	53	55	142	28	26	300	203
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	100	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	30	16	39	33	48	58	60	154	30	28	326	221

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	835	797	273	517	892	170	547	0	0	185	0	0
Stage 1	493	493	-	289	289	-	-	-	-	-	-	-
Stage 2	342	304	-	228	603	-	-	-	-	-	-	-
Follow-up Headway	3.519	4.019	3.319	3.519	4.019	3.319	2.22	-	-	2.218	-	-
Pot Capacity-1 Maneuver	273	319	725	455	281	873	1018	-	-	1390	-	-
Stage 1	527	546	-	718	672	-	-	-	-	-	-	-
Stage 2	672	662	-	755	487	-	-	-	-	-	-	-
Time blocked-Platoon, %								-	-		-	-
Mov Capacity-1 Maneuver	203	289	725	383	255	873	1018	-	-	1390	-	-
Mov Capacity-2 Maneuver	203	289	-	383	255	-	-	-	-	-	-	-
Stage 1	492	530	-	671	628	-	-	-	-	-	-	-
Stage 2	542	618	-	672	472	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	18.7	18.3	2.1	0.4
HCM LOS	C	C		

Minor Lane / Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1018	-	-	266	725	408	1390	-	-
HCM Lane V/C Ratio	0.059	-	-	0.225	0.036	0.338	0.02	-	-
HCM Control Delay (s)	8.757	0	-	22.4	10.2	18.3	7.644	0.1	-
HCM Lane LOS	A	A		C	B	C	A	A	
HCM 95th %tile Q(veh)	0.187	-	-	0.842	0.112	1.47	0.062	-	-

Notes
~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	0.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Vol, veh/h	684	42	25	1459	0	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	743	46	27	1586	0	5

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	789	0	1455	395
Stage 1	-	-	-	-	766	-
Stage 2	-	-	-	-	689	-
Follow-up Headway	-	-	2.22	-	3.67	3.32
Pot Capacity-1 Maneuver	-	-	827	-	148	604
Stage 1	-	-	-	-	408	-
Stage 2	-	-	-	-	430	-
Time blocked-Platoon, %	-	-		-		
Mov Capacity-1 Maneuver	-	-	827	-	107	604
Mov Capacity-2 Maneuver	-	-	-	-	107	-
Stage 1	-	-	-	-	408	-
Stage 2	-	-	-	-	312	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.9	11
HCM LOS			B

Minor Lane / Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	604	-	-	827	-
HCM Lane V/C Ratio	0.009	-	-	0.033	-
HCM Control Delay (s)	11	-	-	9.501	0.8
HCM Lane LOS	B			A	A
HCM 95th %tile Q(veh)	0.027	-	-	0.102	-

Notes
~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	7.1
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Vol, veh/h	1	0	12	11	37	22
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	1	0	13	12	40	24
Number of Lanes	0	1	1	0	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	1
HCM Control Delay	7.3	6.9	7.2
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1
Vol Left, %	100%	0%	63%
Vol Thru, %	0%	52%	0%
Vol Right, %	0%	48%	37%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	1	23	59
LT Vol	0	12	0
Through Vol	0	11	22
RT Vol	1	0	37
Lane Flow Rate	1	25	64
Geometry Grp	1	1	1
Degree of Util (X)	0.001	0.026	0.069
Departure Headway (Hd)	4.266	3.76	3.881
Convergence, Y/N	Yes	Yes	Yes
Cap	839	952	927
Service Time	2.293	1.784	1.888
HCM Lane V/C Ratio	0.001	0.026	0.069
HCM Control Delay	7.3	6.9	7.2
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.1	0.2

Notes

~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	4.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	28	15	36	30	44	53	55	142	28	26	300	203
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	100	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	30	16	39	33	48	58	60	154	30	28	326	221

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	835	797	273	517	892	170	547	0	0	185	0	0
Stage 1	493	493	-	289	289	-	-	-	-	-	-	-
Stage 2	342	304	-	228	603	-	-	-	-	-	-	-
Follow-up Headway	3.519	4.019	3.319	3.519	4.019	3.319	2.22	-	-	2.218	-	-
Pot Capacity-1 Maneuver	273	319	725	455	281	873	1018	-	-	1390	-	-
Stage 1	527	546	-	718	672	-	-	-	-	-	-	-
Stage 2	672	662	-	755	487	-	-	-	-	-	-	-
Time blocked-Platoon, %								-	-		-	-
Mov Capacity-1 Maneuver	203	289	725	383	255	873	1018	-	-	1390	-	-
Mov Capacity-2 Maneuver	203	289	-	383	255	-	-	-	-	-	-	-
Stage 1	492	530	-	671	628	-	-	-	-	-	-	-
Stage 2	542	618	-	672	472	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	18.7	18.3	2.1	0.4
HCM LOS	C	C		

Minor Lane / Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1018	-	-	266	725	408	1390	-	-
HCM Lane V/C Ratio	0.059	-	-	0.225	0.036	0.338	0.02	-	-
HCM Control Delay (s)	8.757	0	-	22.4	10.2	18.3	7.644	0.1	-
HCM Lane LOS	A	A		C	B	C	A	A	
HCM 95th %tile Q(veh)	0.187	-	-	0.842	0.112	1.47	0.062	-	-

Notes
~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	0.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Vol, veh/h	684	42	25	1459	0	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	743	46	27	1586	0	5

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	789	0	1455	395
Stage 1	-	-	-	-	766	-
Stage 2	-	-	-	-	689	-
Follow-up Headway	-	-	2.22	-	3.67	3.32
Pot Capacity-1 Maneuver	-	-	827	-	148	604
Stage 1	-	-	-	-	408	-
Stage 2	-	-	-	-	430	-
Time blocked-Platoon, %	-	-		-		
Mov Capacity-1 Maneuver	-	-	827	-	107	604
Mov Capacity-2 Maneuver	-	-	-	-	107	-
Stage 1	-	-	-	-	408	-
Stage 2	-	-	-	-	312	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.9	11
HCM LOS			B

Minor Lane / Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	604	-	-	827	-
HCM Lane V/C Ratio	0.009	-	-	0.033	-
HCM Control Delay (s)	11	-	-	9.501	0.8
HCM Lane LOS	B			A	A
HCM 95th %tile Q(veh)	0.027	-	-	0.102	-

Notes
~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	7.1
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Vol, veh/h	1	0	12	11	37	22
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	1	0	13	12	40	24
Number of Lanes	0	1	1	0	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	1
HCM Control Delay	7.3	6.9	7.2
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1
Vol Left, %	100%	0%	63%
Vol Thru, %	0%	52%	0%
Vol Right, %	0%	48%	37%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	1	23	59
LT Vol	0	12	0
Through Vol	0	11	22
RT Vol	1	0	37
Lane Flow Rate	1	25	64
Geometry Grp	1	1	1
Degree of Util (X)	0.001	0.026	0.069
Departure Headway (Hd)	4.266	3.76	3.881
Convergence, Y/N	Yes	Yes	Yes
Cap	839	952	927
Service Time	2.293	1.784	1.888
HCM Lane V/C Ratio	0.001	0.026	0.069
HCM Control Delay	7.3	6.9	7.2
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.1	0.2

Notes

~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	4.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	29	15	37	31	45	54	56	145	29	27	307	208
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	100	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	32	16	40	34	49	59	61	158	32	29	334	226

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	854	816	280	529	913	173	560	0	0	189	0	0
Stage 1	505	505	-	295	295	-	-	-	-	-	-	-
Stage 2	349	311	-	234	618	-	-	-	-	-	-	-
Follow-up Headway	3.519	4.019	3.319	3.519	4.019	3.319	2.22	-	-	2.218	-	-
Pot Capacity-1 Maneuver	265	311	718	446	273	870	1007	-	-	1385	-	-
Stage 1	519	539	-	713	668	-	-	-	-	-	-	-
Stage 2	666	658	-	749	480	-	-	-	-	-	-	-
Time blocked-Platoon, %								-	-		-	-
Mov Capacity-1 Maneuver	194	281	718	373	246	870	1007	-	-	1385	-	-
Mov Capacity-2 Maneuver	194	281	-	373	246	-	-	-	-	-	-	-
Stage 1	484	522	-	665	623	-	-	-	-	-	-	-
Stage 2	533	613	-	663	465	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	19.4	19.1	2.1	0.4
HCM LOS	C	C		

Minor Lane / Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1007	-	-	256	718	396	1385	-	-
HCM Lane V/C Ratio	0.06	-	-	0.239	0.037	0.357	0.021	-	-
HCM Control Delay (s)	8.805	0	-	23.4	10.2	19.1	7.656	0.1	-
HCM Lane LOS	A	A		C	B	C	A	A	
HCM 95th %tile Q(veh)	0.193	-	-	0.909	0.116	1.585	0.065	-	-

Notes
~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	0.8

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Vol, veh/h	700	43	26	1493	0	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	761	47	28	1623	0	5

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	808	0	1490	404
Stage 1	-	-	-	-	784	-
Stage 2	-	-	-	-	706	-
Follow-up Headway	-	-	2.22	-	3.67	3.32
Pot Capacity-1 Maneuver	-	-	813	-	141	596
Stage 1	-	-	-	-	399	-
Stage 2	-	-	-	-	421	-
Time blocked-Platoon, %	-	-		-		
Mov Capacity-1 Maneuver	-	-	813	-	92	596
Mov Capacity-2 Maneuver	-	-	-	-	92	-
Stage 1	-	-	-	-	399	-
Stage 2	-	-	-	-	274	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1.2	11.1
HCM LOS			B

Minor Lane / Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	596	-	-	813	-
HCM Lane V/C Ratio	0.009	-	-	0.035	-
HCM Control Delay (s)	11.1	-	-	9.587	1.1
HCM Lane LOS	B			A	A
HCM 95th %tile Q(veh)	0.028	-	-	0.108	-

Notes
~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	7.1
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Vol, veh/h	1	0	12	11	38	22
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	1	0	13	12	41	24
Number of Lanes	0	1	1	0	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	1
HCM Control Delay	7.3	6.9	7.2
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1
Vol Left, %	100%	0%	63%
Vol Thru, %	0%	52%	0%
Vol Right, %	0%	48%	37%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	1	23	60
LT Vol	0	12	0
Through Vol	0	11	22
RT Vol	1	0	38
Lane Flow Rate	1	25	65
Geometry Grp	1	1	1
Degree of Util (X)	0.001	0.026	0.07
Departure Headway (Hd)	4.268	3.762	3.886
Convergence, Y/N	Yes	Yes	Yes
Cap	838	951	925
Service Time	2.295	1.786	1.893
HCM Lane V/C Ratio	0.001	0.026	0.07
HCM Control Delay	7.3	6.9	7.2
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.1	0.2

Notes

~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	5.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	38	20	39	39	31	75	29	450	61	24	320	74
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	100	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	41	22	42	42	34	82	32	489	66	26	348	80

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	764	1058	214	822	1065	278	428	0	0	555	0	0
Stage 1	440	440	-	585	585	-	-	-	-	-	-	-
Stage 2	324	618	-	237	480	-	-	-	-	-	-	-
Follow-up Headway	3.52	4.02	3.32	3.52	4.02	3.32	2.22	-	-	2.22	-	-
Pot Capacity-1 Maneuver	293	223	791	266	221	719	1128	-	-	1011	-	-
Stage 1	566	576	-	464	496	-	-	-	-	-	-	-
Stage 2	662	479	-	745	553	-	-	-	-	-	-	-
Time blocked-Platoon, %								-	-		-	-
Mov Capacity-1 Maneuver	215	207	791	219	205	719	1128	-	-	1011	-	-
Mov Capacity-2 Maneuver	215	207	-	219	205	-	-	-	-	-	-	-
Stage 1	543	556	-	445	476	-	-	-	-	-	-	-
Stage 2	523	459	-	654	534	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	21.9	25	0.6	0.6
HCM LOS	C	D		

Minor Lane / Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1128	-	-	245	791	334	1011	-	-
HCM Lane V/C Ratio	0.028	-	-	0.315	0.036	0.472	0.026	-	-
HCM Control Delay (s)	8.283	0.2	-	26.3	9.7	25	8.655	0.1	-
HCM Lane LOS	A	A		D	A	D	A	A	
HCM 95th %tile Q(veh)	0.086	-	-	1.299	0.111	2.416	0.079	-	-

Notes
~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	3.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Vol, veh/h	1011	42	94	1195	0	24
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	1099	46	102	1299	0	26

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	1145	0	1846	572
Stage 1	-	-	-	-	1122	-
Stage 2	-	-	-	-	724	-
Follow-up Headway	-	-	3.12	-	3.82	3.92
Pot Capacity-1 Maneuver	-	-	333	-	113	397
Stage 1	-	-	-	-	204	-
Stage 2	-	-	-	-	401	-
Time blocked-Platoon, %	-	-		-		
Mov Capacity-1 Maneuver	-	-	333	-	113	397
Mov Capacity-2 Maneuver	-	-	-	-	113	-
Stage 1	-	-	-	-	204	-
Stage 2	-	-	-	-	401	-

Approach	EB	WB	NB
HCM Control Delay, s	0	6.6	14.7
HCM LOS			B

Minor Lane / Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	397	-	-	333	-
HCM Lane V/C Ratio	0.066	-	-	0.307	-
HCM Control Delay (s)	14.7	-	-	20.525	5.5
HCM Lane LOS	B			C	A
HCM 95th %tile Q(veh)	0.21	-	-	1.272	-

Notes
~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	7.7
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Vol, veh/h	2	3	6	36	115	19
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	3	7	39	125	21
Number of Lanes	0	1	1	0	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	1
HCM Control Delay	7.4	6.9	7.9
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1
Vol Left, %	40%	0%	86%
Vol Thru, %	60%	14%	0%
Vol Right, %	0%	86%	14%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	5	42	134
LT Vol	3	6	0
Through Vol	0	36	19
RT Vol	2	0	115
Lane Flow Rate	5	46	146
Geometry Grp	1	1	1
Degree of Util (X)	0.006	0.047	0.166
Departure Headway (Hd)	4.305	3.677	4.11
Convergence, Y/N	Yes	Yes	Yes
Cap	821	961	875
Service Time	2.384	1.751	2.124
HCM Lane V/C Ratio	0.006	0.048	0.167
HCM Control Delay	7.4	6.9	7.9
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.1	0.6

Notes

~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	6.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	29	15	37	41	61	73	56	145	29	27	307	208
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	100	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	32	16	40	45	66	79	61	158	32	29	334	226

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	873	816	280	529	913	173	560	0	0	189	0	0
Stage 1	505	505	-	295	295	-	-	-	-	-	-	-
Stage 2	368	311	-	234	618	-	-	-	-	-	-	-
Follow-up Headway	3.519	4.019	3.319	3.519	4.019	3.319	2.22	-	-	2.218	-	-
Pot Capacity-1 Maneuver	257	311	718	446	273	870	1007	-	-	1385	-	-
Stage 1	519	539	-	713	668	-	-	-	-	-	-	-
Stage 2	651	658	-	749	480	-	-	-	-	-	-	-
Time blocked-Platoon, %								-	-		-	-
Mov Capacity-1 Maneuver	172	281	718	373	246	870	1007	-	-	1385	-	-
Mov Capacity-2 Maneuver	172	281	-	373	246	-	-	-	-	-	-	-
Stage 1	484	522	-	665	623	-	-	-	-	-	-	-
Stage 2	493	613	-	663	465	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	20.8	22.2	2.1	0.4
HCM LOS	C	C		

Minor Lane / Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1007	-	-	236	718	396	1385	-	-
HCM Lane V/C Ratio	0.06	-	-	0.259	0.037	0.48	0.021	-	-
HCM Control Delay (s)	8.805	0	-	25.5	10.2	22.2	7.656	0.1	-
HCM Lane LOS	A	A		D	B	C	A	A	
HCM 95th %tile Q(veh)	0.193	-	-	1.005	0.116	2.525	0.065	-	-

Notes
~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	0.9

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Vol, veh/h	700	52	28	1493	0	5
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	761	57	30	1623	0	5

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	817	0	1499	409
Stage 1	-	-	-	-	789	-
Stage 2	-	-	-	-	710	-
Follow-up Headway	-	-	2.22	-	3.67	3.32
Pot Capacity-1 Maneuver	-	-	807	-	139	592
Stage 1	-	-	-	-	397	-
Stage 2	-	-	-	-	419	-
Time blocked-Platoon, %	-	-		-		
Mov Capacity-1 Maneuver	-	-	807	-	86	592
Mov Capacity-2 Maneuver	-	-	-	-	86	-
Stage 1	-	-	-	-	397	-
Stage 2	-	-	-	-	261	-

Approach	EB	WB	NB
HCM Control Delay, s	0	1.3	11.1
HCM LOS			B

Minor Lane / Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	592	-	-	807	-
HCM Lane V/C Ratio	0.009	-	-	0.038	-
HCM Control Delay (s)	11.1	-	-	9.636	1.1
HCM Lane LOS	B			A	A
HCM 95th %tile Q(veh)	0.028	-	-	0.117	-

Notes
~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	7.1
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Vol, veh/h	1	0	13	11	38	33
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	1	0	14	12	41	36
Number of Lanes	0	1	1	0	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	1
HCM Control Delay	7.3	6.9	7.2
HCM LOS	A	A	A

Lane	EBLn1	WBLn1	SBLn1
Vol Left, %	100%	0%	54%
Vol Thru, %	0%	54%	0%
Vol Right, %	0%	46%	46%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	1	24	71
LT Vol	0	13	0
Through Vol	0	11	33
RT Vol	1	0	38
Lane Flow Rate	1	26	77
Geometry Grp	1	1	1
Degree of Util (X)	0.001	0.028	0.082
Departure Headway (Hd)	4.29	3.796	3.809
Convergence, Y/N	Yes	Yes	Yes
Cap	833	943	944
Service Time	2.32	1.821	1.819
HCM Lane V/C Ratio	0.001	0.028	0.082
HCM Control Delay	7.3	6.9	7.2
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.1	0.3

Notes

~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Vol, veh/h	38	20	39	45	35	86	29	450	61	24	320	74
Conflicting Peds, #/hr	0	0	0	0	0	0	0	0	0	0	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	100	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	92	92	92	92	92	92	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	41	22	42	49	38	93	32	489	66	26	348	80

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	767	1058	214	822	1065	278	428	0	0	555	0	0
Stage 1	440	440	-	585	585	-	-	-	-	-	-	-
Stage 2	327	618	-	237	480	-	-	-	-	-	-	-
Follow-up Headway	3.52	4.02	3.32	3.52	4.02	3.32	2.22	-	-	2.22	-	-
Pot Capacity-1 Maneuver	292	223	791	266	221	719	1128	-	-	1011	-	-
Stage 1	566	576	-	464	496	-	-	-	-	-	-	-
Stage 2	660	479	-	745	553	-	-	-	-	-	-	-
Time blocked-Platoon, %								-	-		-	-
Mov Capacity-1 Maneuver	206	207	791	219	205	719	1128	-	-	1011	-	-
Mov Capacity-2 Maneuver	206	207	-	219	205	-	-	-	-	-	-	-
Stage 1	543	556	-	445	476	-	-	-	-	-	-	-
Stage 2	507	459	-	654	534	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	22.4	27.6	0.6	0.6
HCM LOS	C	D		

Minor Lane / Major Mvmt	NBL	NBT	NBR	EBLn1	EBLn2	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1128	-	-	239	791	335	1011	-	-
HCM Lane V/C Ratio	0.028	-	-	0.323	0.036	0.539	0.026	-	-
HCM Control Delay (s)	8.283	0.2	-	27.1	9.7	27.6	8.655	0.1	-
HCM Lane LOS	A	A		D	A	D	A	A	
HCM 95th %tile Q(veh)	0.086	-	-	1.342	0.111	3.028	0.079	-	-

Notes
~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	4.1

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Vol, veh/h	1011	85	103	1195	0	24
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	-	0
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	1099	92	112	1299	0	26

Major/Minor	Major1		Major2		Minor1	
Conflicting Flow All	0	0	1191	0	1888	596
Stage 1	-	-	-	-	1145	-
Stage 2	-	-	-	-	743	-
Follow-up Headway	-	-	3.12	-	3.82	3.92
Pot Capacity-1 Maneuver	-	-	316	-	108	383
Stage 1	-	-	-	-	197	-
Stage 2	-	-	-	-	392	-
Time blocked-Platoon, %	-	-		-		
Mov Capacity-1 Maneuver	-	-	316	-	108	383
Mov Capacity-2 Maneuver	-	-	-	-	108	-
Stage 1	-	-	-	-	197	-
Stage 2	-	-	-	-	392	-

Approach	EB	WB	NB
HCM Control Delay, s	0	7.3	15.1
HCM LOS			C

Minor Lane / Major Mvmt	NBLn1	EBT	EBR	WBL	WBT
Capacity (veh/h)	383	-	-	316	-
HCM Lane V/C Ratio	0.068	-	-	0.354	-
HCM Control Delay (s)	15.1	-	-	22.514	6
HCM Lane LOS	C			C	A
HCM 95th %tile Q(veh)	0.218	-	-	1.552	-

Notes
~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

Intersection	
Intersection Delay, s/veh	7.9
Intersection LOS	A

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Vol, veh/h	2	3	11	36	115	71
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	2	3	12	39	125	77
Number of Lanes	0	1	1	0	1	0

Approach	EB	WB	SB
Opposing Approach	WB	EB	
Opposing Lanes	1	1	0
Conflicting Approach Left	SB		WB
Conflicting Lanes Left	1	0	1
Conflicting Approach Right		SB	EB
Conflicting Lanes Right	0	1	1
HCM Control Delay	7.5	7.1	8.1
HCM LOS	A	A	A

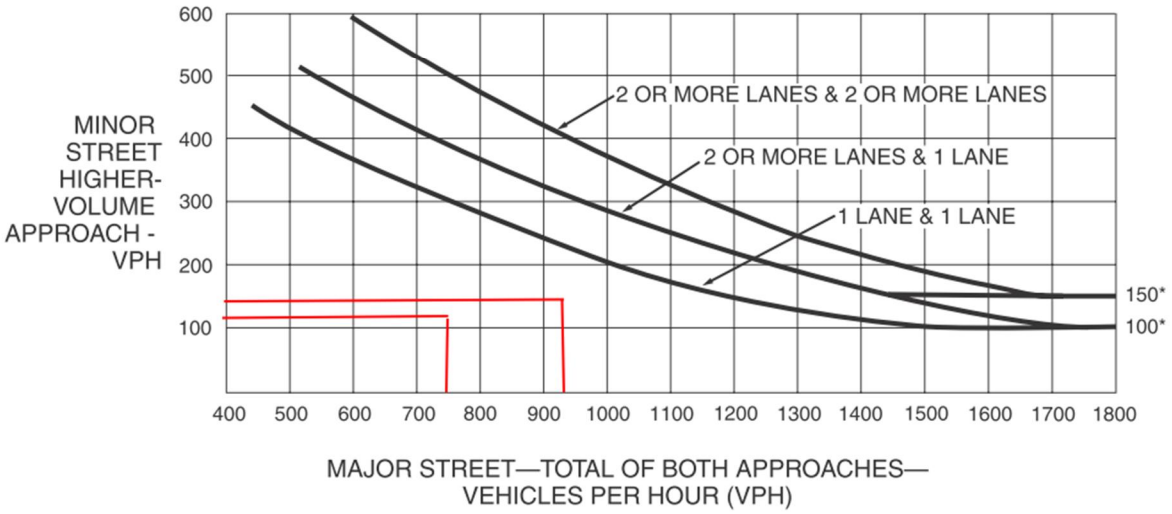
Lane	EBLn1	WBLn1	SBLn1
Vol Left, %	40%	0%	62%
Vol Thru, %	60%	23%	0%
Vol Right, %	0%	77%	38%
Sign Control	Stop	Stop	Stop
Traffic Vol by Lane	5	47	186
LT Vol	3	11	0
Through Vol	0	36	71
RT Vol	2	0	115
Lane Flow Rate	5	51	202
Geometry Grp	1	1	1
Degree of Util (X)	0.007	0.054	0.22
Departure Headway (Hd)	4.41	3.832	3.926
Convergence, Y/N	Yes	Yes	Yes
Cap	800	921	916
Service Time	2.498	1.913	1.947
HCM Lane V/C Ratio	0.006	0.055	0.221
HCM Control Delay	7.5	7.1	8.1
HCM Lane LOS	A	A	A
HCM 95th-tile Q	0	0.2	0.8

Notes

~ : Volume Exceeds Capacity; $: Delay Exceeds 300 Seconds; Error : Computation Not Defined

APPENDIX D TRAFFIC SIGNAL WARRANTS

Figure 4C-3. Warrant 3, Peak Hour



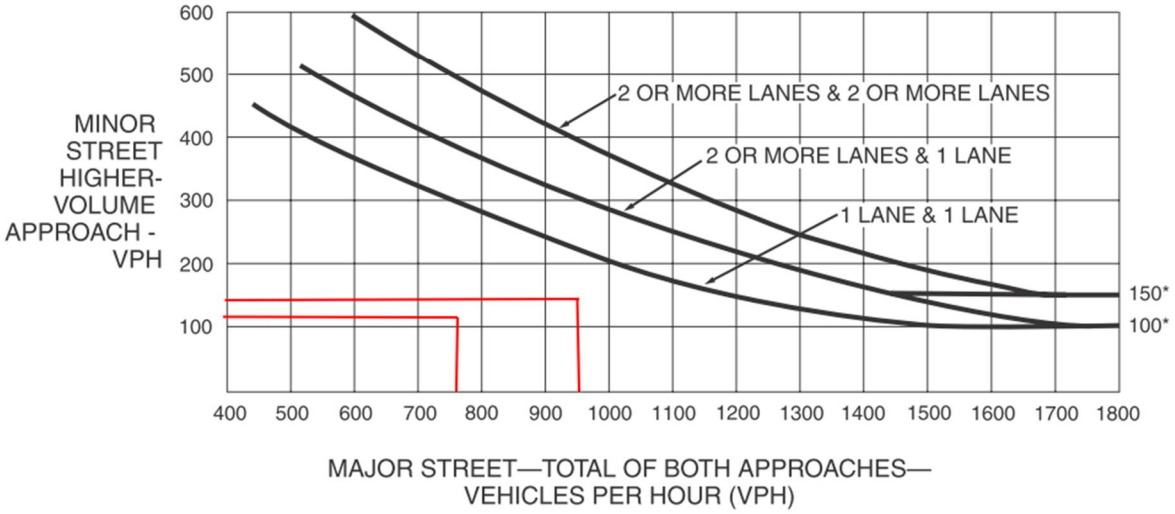
*Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

Existing – Peak hour traffic signal warrant analysis

	AM	PM
MAJOR	754	936
EB	127	141

This intersection does not warrant a traffic signal during the AM or PM peak hour.

Figure 4C-3. Warrant 3, Peak Hour



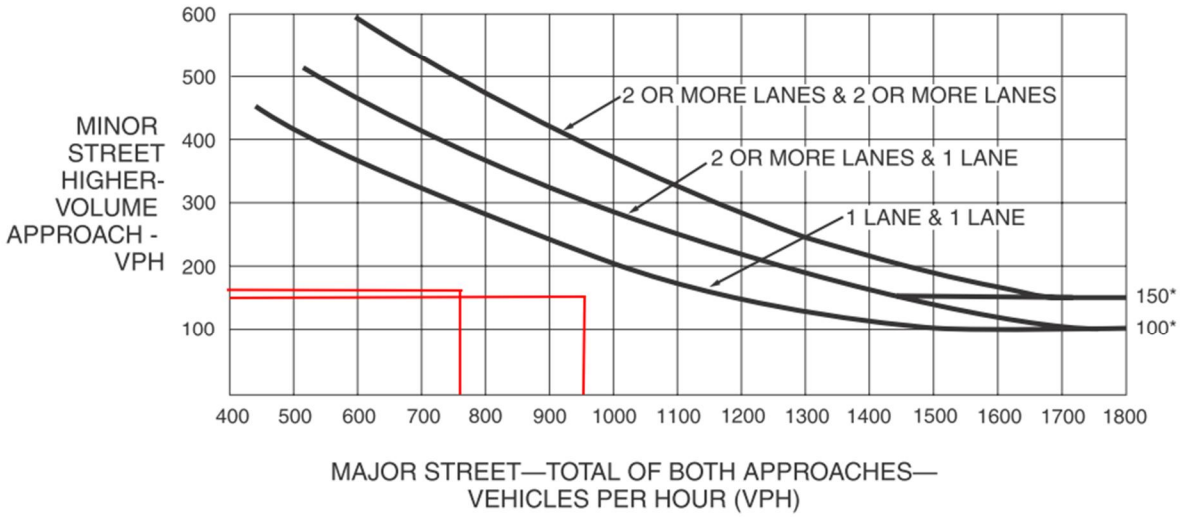
*Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

Future without project – Peak hour traffic signal warrant analysis

	AM	PM
MAJOR	772	958
EB	130	145

This intersection does not warrant a traffic signal during the AM or PM peak hour.

Figure 4C-3. Warrant 3, Peak Hour



*Note: 150 vph applies as the lower threshold volume for a minor-street approach with two or more lanes and 100 vph applies as the lower threshold volume for a minor-street approach with one lane.

Future with project – Peak hour traffic signal warrant analysis

	AM	PM
MAJOR	772	958
EB	175	164

This intersection does not warrant a traffic signal during the AM or PM peak hour.

Appendix F

Pre-Consultation Letters and Responses

DEPARTMENT OF PARKS & RECREATION

CITY AND COUNTY OF HONOLULU

1000 Uluohia Street, Suite 309, Kapolei, Hawaii 96707
Phone: (808) 768-3003 • Fax: (808) 768-3053
Website: www.honolulu.gov

KIRK CALDWELL
MAYOR

MICHELE K. NEKOTA
DIRECTOR

JEANNE C. ISHIKAWA
DEPUTY DIRECTOR

November 5, 2014

Mr. Dennis Silva, Jr., AICP
Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, Hawaii 96813

Dear Mr. Silva:

SUBJECT: Pre-Assessment Consultation for Draft Environmental Assessment
803 Waimanu-803 Waimanu Street
Tax Map Keys: 2-1-049: 050, 070 & 072
Honolulu, Oahu, Hawaii

Thank you for the opportunity to review and comment at the Pre-Assessment Consultation Stage of the Draft Environmental Assessment for the proposed 153 unit 803 Waimano project.

The Department of Parks and Recreation is very interested in seeing how the developers of this residential project plan to address the requirements of the Park Dedication Ordinance and look forward to our continued participation in the balance of the Environmental Impact Statement Process.

Should you have any questions, please contact Mr. John Reid, Planner, at 768-3017.

Sincerely,

Michele K. Nekota
Director

MKN:jr
(585759)

cc: Craig Mayeda, Department of Parks and Recreation

HAWAII
PLANNING LLC

December 10, 2014

Ms. Michele K. Nekota
Director
Department of Parks & Recreation
City & County of Honolulu
1000 Uluohia Street, Suite 309
Kapolei, HI 96707

Subject: Pre-Consultation - Draft Environmental Assessment
803 Waimanu – 803 Waimanu Street
TMKs: 2-1-049: 050, 070, & 072

Dear Ms. Nekota,

Thank you for your letter dated November 5, 2014 regarding the above-referenced project. The Hawaii Community Development Authority's (HCDA) recreation space requirement is 55 square feet/residential unit. The recreation space calculation for 803 Waimanu is: (55sf x 153 units = 8,415 sf). The recreation space provided for 803 Waimanu is 8,477 square feet which will be illustrated in the Architectural Drawings.

A copy of the Draft EA will be provided to the Department of Parks and Recreation.

We appreciate your participation in this process.

Sincerely,

Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

American Savings Bank Tower • 1001 Bishop Street, Suite 2755 • Honolulu HI 96813 • (808)521-9418 Ext. 1005 • hawaiiplanningllc@gmail.com

POLICE DEPARTMENT

CITY AND COUNTY OF HONOLULU

801 SOUTH BERETANIA STREET · HONOLULU, HAWAII 96813
TELEPHONE: (808) 529-3111 · INTERNET: www.honolulupd.org

KIRK CALDWELL
MAYOR

LOUIS M. KEALOHA
CHIEF

DAVE M. KAJIHIRO
MARIE A. McCAULEY
DEPUTY CHIEFS

OUR REFERENCE MT-DK

November 6, 2014

Mr. Dennis Silva, Jr., AICP, Principal
Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, Hawaii 96813

Dear Mr. Silva:

This is in response to your letter dated October 22, 2014, requesting comments on a Pre-Assessment Consultation, Draft Environmental Assessment, for the proposed multifamily housing project at 803 Waimanu Street.

The Honolulu Police Department has reviewed this project and has concerns regarding the safe flow of vehicular traffic, pedestrian passage, and lack of parking in the project area.

The width of Waimanu Street and confined entry/exit use for Imperial Plaza will not accommodate construction vehicles to access this thoroughfare. We recommend that construction vehicles access the project site via Kawaihao Street and that the developer implement traffic controls and management (e.g., flagmen, special duty officers, signs, cones, etc.) in the sector and around the intersection at Kawaihao Street and Cooke Street. This will ensure a safe means of ingress/egress for large construction vehicles, motorists, and pedestrians in the vicinity.

The developer should also consider effects to the community caused by tenants using street parking and the limited delivery parking for businesses; this includes creating a walkway for the passage of pedestrians along Waimanu Street and Kawaihao Street.

If there are any questions, please call Major Roy Sugimoto of District 1 (Central Honolulu) at 723-3327.

Thank you for the opportunity to review this project.

Sincerely,

LOUIS M. KEALOHA
Chief of Police

By

MARK TSUYEMURA
Management Analyst VI
Office of the Chief

Serving and Protecting With Aloha

HAWAII PLANNING LLC

December 10, 2014

Mr. Louis M. Kealoha
Chief of Police
Honolulu Police Department
801 S. Beretania Street
Honolulu, HI 96813

Subject: Pre-Consultation - Draft Environmental Assessment
803 Waimanu – 803 Waimanu Street
TMKs: 2-1-049: 050, 070, & 072

Dear Chief Kealoha,

Thank you for your letter dated November 6, 2014 regarding the above-referenced project. Construction vehicles will access the project site via Kawaihao Street and the applicant will implement traffic controls and management (i.e. flagmen, special duty officers, signs, cones, etc.) in the sector and around the intersection of Kawaihao Street and Cooke Street.

A copy of the Draft EA will be provided to the Honolulu Police Department.

We appreciate your participation in this process.

Sincerely,

Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

American Savings Bank Tower • 1001 Bishop Street, Suite 2755 • Honolulu HI 96813 • (808)521-9418 Ext. 1005 • hawaiiplanningllc@gmail.com

OFFICE OF PLANNING
STATE OF HAWAII

NEIL ABERCROMBIE
GOVERNOR

LEO R. ASUNCION
ACTING DIRECTOR
OFFICE OF PLANNING

235 South Beretania Street, 6th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

Telephone: (808) 587-2846
Fax: (808) 587-2824
Web: http://planning.hawaii.gov/

Ref. No. P-14565

November 10, 2014

Mr. Dennis Silva, Jr., AICP
Hawaii Planning, LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, Hawaii 96813

Dear Mr. Silva:

Subject: Early Consultation for a Draft Environmental Assessment for 803 Waimanu Street; TMK: (1) 2-1-040, 050, 070 & 072

Thank you for the opportunity to provide early consultation comments on the Draft Environmental Assessment – 803 Waimanu. This project calls for the development of a 153 unit multi-family housing project in the Kakaako development district in Honolulu, Oahu.

The Office of Planning (OP) has reviewed the documents sent to us by letter dated October 22, 2014, and has the following comments to offer:

1. The Office of Planning (OP) provides technical assistance to state and county agencies in administering the statewide planning system in Hawaii Revised Statutes (HRS) Chapter 226, the Hawaii State Plan. The Hawaii State Planning Act provides goals, objectives, priorities, and priority guidelines for growth, development, and the allocation of resources throughout the State. The Hawaii State Plan includes diverse policies and objectives of state interest including but not limited to the economy, agriculture, the visitor industry, federal expenditure, the physical environment, facility systems, socio-cultural advancement, and sustainability.

   The Draft Environmental Assessment (Draft EA) should include an analysis on the Hawaii State Plan, HRS Chapter 226, in a section that addresses the project's consistency with state and county plans, policies, and controls.

2. OP is the lead agency for the Hawaii Coastal Zone Management (CZM) Program. The coastal zone management area is defined as "all lands of the State and the area extending seaward from the shoreline to the limit of the State's police power and management authority, including the U.S. territorial sea" see HRS § 205A-1 (definition of "coastal zone management area").

In a section that addresses the project's conformance with state and county plans, policies, and controls, the Draft EA should include a discussion of the proposed project's ability to meet all of the objectives and policies set forth in HRS § 205A-2. These objectives and policies include: recreational resources, historic resources, scenic and open space resources, coastal ecosystems, economic uses, coastal hazards, managing development, public participation, beach protection, and marine resources.

3. The project location experiences sunny and dry conditions; however the Kakaako area in Honolulu, as well as the entire island of Oahu, is subject to flashy and unstable weather during the winter. Please consider utilizing OP's *Stormwater Impact Assessment* to identify and evaluate information on hydrology, stressors, sensitivity of aquatic and riparian resources, and management measures to control runoff occurrences. In particular, please examine the section on Low-Impact Development Concepts, which include decentralized micro-scale controls that infiltrate, filter, store, re-use, evaporate, and detain runoff close to its source.

   This guidance document will assist in integrating stormwater impact assessment within your review process. The purpose of this document is to provide guidance on assessing stormwater impacts in the planning phase of project development. The goal is to provide a suggested framework and various tools for integrating stormwater impacts assessment. These concepts are listed on pages 14-16 of the *Stormwater Impact Assessment* guidance. This can be found at http://files.hawaii.gov/dbedt/op/czm/initiative/stomwater_imapct/final_stormwater_impact_assessments_guidance.pdf.

If you have any questions regarding this comment letter, please contact Josh Hekekia of our office at 587-2845.

Sincerely,

Leo R. Asuncion
Acting Director

HAWAII PLANNING LLC

December 10, 2014

Mr. Leo R. Asuncion
Acting Director
Department Business Economic
Development & Tourism
Office of Planning
State of Hawaii
235 S. Beretania Street, 6th Floor
Honolulu, HI 96813

Subject: Pre-Consultation - Draft Environmental Assessment
803 Waimanu – 803 Waimanu Street
TMKs: 2-1-049: 050, 070, & 072

Dear Mr. Asuncion,

Thank you for your letter dated November 10, 2014 regarding the above-referenced project.

1. The Draft EA will include pertinent sections from Chapter 226, Hawaii Revised Statutes (HRS) and discussion on the referenced sections.

2. The Draft EA will include pertinent sections from Chapter 205A, HRS and discussion on the referenced sections.

3. We note your comments on integrating a stormwater impact assessment as part of this project. There will be discussion on drainage and runoff in the Draft EA.

A copy of the Draft EA will be provided to the Department of Business, Economic Development & Tourism, Office of Planning. We appreciate your participation in this process.

Sincerely,

Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

American Savings Bank Tower • 1001 Bishop Street, Suite 2755 • Honolulu HI 96813 • (808)521-9418 Ext. 1005 • hawaiiplanningllc@gmail.com

NEIL ABERCROMBIE
GOVERNOR OF HAWAII

LINDA ROSEN, M.D., M.P.H.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

EPO 14-238

November 10, 2014

Mr Dennis Silva, Jr., AICP
Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, HI 96813

Dear Mr. Silva:

SUBJECT: Pre-Assessment Consultation for DEA, 803 Waimanu, Oahu

The Department of Health (DOH), Environmental Planning Office (EPO), acknowledges receipt of your letter to the Director on October 22, 2014. Thank you for allowing us to review and comment on the proposed multi-family housing project. EPO recommends that you review the standard comments at: http://health.hawaii.gov/epo/home/landuse-planning-review-program/. You are required to adhere to all applicable standard comments.

We encourage you to examine and utilize the Hawaii Environmental Health Portal. The portal provides links to our e-Permitting Portal, Environmental Health Warehouse, Groundwater Contamination Viewer, Hawaii Emergency Response Exchange, Hawaii State and Local Emission Inventory System, Water Pollution Control Viewer, Water Quality Data, Warnings, Advisories and Postings. The Portal is continually updated. Please visit it regularly at: https://eha-cloud.doh.hawaii.gov

You may also wish to review the recently revised Water Quality Standards Maps that have been updated for all islands. The new Water Quality Standards Maps can be found at: http://health.hawaii.gov/cwb/site-map/clean-water-branch-home-page/water-quality-standards/.

The EPO suggests that you examine the many sources available on strategies to support the sustainable and healthy design of communities and buildings, including the:
2014 National Climate Change Report – Highlights for Hawaii:
http://ipcc-wg2.gov/AR5/images/uploads/WGIIAR5-Chap29_FGDall.pdf;
U.S. Health and Human Services: www.hhs.gov/about/sustainability;
U.S. Environmental Protection Agency's sustainability programs: www.epa.gov/sustainability;
U.S. Green Building Council's LEED program: www.usgbc.org/leed;
Smart Growth America: www.smartgrowthamerica.org;
International Well Building Standard: http://delosliving.com; and
Intergovernmental Panel on Climate Change (IPCC):
http://ipcc-wg2.gov/AR5/images/uploads/WGIIAR5-Chap29_FGDall.pdf
We request you share all of this information with others to increase community awareness on sustainable, innovative, inspirational, and healthy community design.

Mahalo nui loa,

Laura Leialoha Phillips McIntyre, AICP
Program Manager, Environmental Planning Office

HAWAII PLANNING LLC

December 10, 2014

Ms. Laura Leialoha Phillips McIntyre, AICP
Program Manager, Environmental Planning Office
Department of Health
State of Hawaii
P.O. Box 3378
Honolulu, HI 96801

Subject: Pre-Consultation - Draft Environmental Assessment
803 Waimanu – 803 Waimanu Street
TMKs: 2-1-049: 050, 070, & 072

Dear Ms. Phillips-McIntyre,

Thank you for your letter dated November 10, 2014 regarding the above-referenced project. The information provided in the websites you reference will be implemented into the Draft EA where relevant.

A copy of the Draft EA will be provided to the Department of Health, Environmental Planning Office. We appreciate your participation in this process.

Sincerely,

Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

American Savings Bank Tower • 1001 Bishop Street, Suite 2755 • Honolulu HI 96813 • (808)521-9418 Ext. 1005 • hawaiiplanningllc@gmail.com

DEPARTMENT OF COMMUNITY SERVICES
CITY AND COUNTY OF HONOLULU
715 SOUTH KING STREET, SUITE 311 ● HONOLULU, HAWAII 96813 ● AREA CODE 808 ● PHONE: 768-7762 ● FAX: 768-7792

KIRK CALDWELL
MAYOR

GARY K. NAKATA
ACTING DIRECTOR

November 5, 2014

Mr. Dennis Silva, Jr., AICP
Principal
Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, Hawaii 96813

Dear Mr. Silva:

SUBJECT: Pre-Assessment Consultation for Draft Environmental Assessment
803 Waimanu Street, Tax Map Keys: 2-1-049:050, 070, and 072
Honolulu, Oahu, Hawaii

We have reviewed your letter dated October 22, 2014, and the enclosed documents regarding this Pre-Assessment Consultation for Draft Environmental Assessment for the 803 Waimanu Street project.

Our review of the documents indicates that the proposed project will have no adverse impacts on any Department of Community Services' activities or projects at this time.

Thank you for providing us with the opportunity to comment on this matter.

Sincerely,

Gary K. Nakata
Acting Director

GKN:sgk

HONOLULU FIRE DEPARTMENT

CITY AND COUNTY OF HONOLULU

636 South Street
Honolulu, Hawaii 96813-5007
Phone: 808-723-7139 Fax: 808-723-7111 Internet: www.honolulu.gov/hfd

KIRK CALDWELL
MAYOR

MANUEL P. NEVES
FIRE CHIEF

LIONEL CAMARA JR.
DEPUTY FIRE CHIEF

November 12, 2014

Mr. Dennis Silva, Jr., AICP
Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, Hawaii 96813

Dear Mr. Silva:

Subject: Preassessment Consultation for a Draft Environmental Assessment
803 Waimanu
803 Waimanu Street
Honolulu, Hawaii
Tax Map keys: 2-1-049: 050, 070 and 072

In response to your letter dated October 22, 2014, regarding the above-mentioned subject, the Honolulu Fire Department (HFD) reviewed the material provided and requires that the following be complied with:

1. Fire department access roads shall be provided such that any portion of the facility or any portion of an exterior wall of the first story of the building is located not more than 150 feet from fire department access roads as measured by an approved route around the exterior of the building or facility. (National Fire Protection Association [NFPA] 1, Uniform Fire Code [UFC]™, 2006 Edition, Section 18.2.3.2.2.)

   A fire department access road shall extend to within 50 ft of at least one exterior door that can be opened from the outside and that provides access to the interior of the building. (NFPA 1, UFC™, 2006 Edition, Section 18.2.3.2.1.)

2. A water supply approved by the county, capable of supplying the required fire flow for fire protection, shall be provided to all premises upon which facilities or buildings, or portions thereof, are hereafter

constructed, or moved into or within the county. When any portion of the facility or building is in excess of 150 feet from a water supply on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains capable of supplying the required fire flow shall be provided when required by the AHJ [Authority Having Jurisdiction]. (NFPA 1, UFC™, 2006 Edition, Section 18.3.1, as amended.)

3. The unobstructed width and unobstructed vertical clearance of a fire apparatus access road shall meet county requirements. (NFPA 1, UFC™, 2006 Edition, Section 18.2.3.4.1.1, as amended.)

4. Submit civil drawings to the HFD for review and approval.

Should you have questions, please contact Battalion Chief Terry Seelig of our Fire Prevention Bureau at 723-7151 or tseelig@honolulu.gov.

Sincerely,

SOCRATES D. BRATAKOS
Assistant Chief

SDB/SY:bh

HAWAII
PLANNING LLC

December 10, 2014

Mr. Manuel P. Neves
Fire Chief
Honolulu Fire Department
City and County of Honolulu
636 South Street
Honolulu, HI 96813

Subject: Pre-Consultation - Draft Environmental Assessment
803 Waimanu – 803 Waimanu Street
TMKs: 2-1-049: 050, 070, & 072

Dear Mr. Neves,

Thank you for your letter dated November 12, 2014 regarding the above-referenced project. The project will adhere to fire department access road requirement as stated in your comment memorandum. The project will also comply with water supply issues related to supplying the required fire flow for fire protection. Civil drawings will be submitted to the Honolulu Fire Department for review and approval.

A copy of the Draft EA will be provided to the Honolulu Fire Department.

We appreciate your participation in this process.

Sincerely,

Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

American Savings Bank Tower • 1001 Bishop Street, Suite 2755 • Honolulu HI 96813 • (808)521-9418 Ext. 1005 • hawaiiplanningllc@gmail.com

HAWAII COMMUNITY
DEVELOPMENT AUTHORITY

KAKAAKO
KALAELOA

Neil Abercrombie
Governor

Brian Lee
Chairperson

Anthony J. H. Ching
Executive Director

461 Cooke Street
Honolulu, Hawaii
96813

Telephone
(808) 594-0300

Facsimile
(808) 594-0299

E-Mail
contact@hcdaweb.org

Web site
www.hcdaweb.org

Ref. No.: KAK 13-091

November 13, 2014

Mr. Dennis Silva, Jr., AICP
Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, Hawaii 96813

Dear Mr. Silva:

Re: 803 Waimanu Street, Tax Map Keys ("TMKs"):
2-1-049: 050, 070 and 072

The Hawaii Community Development Authority ("HCDA") has received and reviewed your letter dated October 22, 2014 requesting comments on possible areas of concern to be considered in the preparation of a Draft Environmental Assessment for the above-mentioned project at 803 Waimanu Street (TMKs: 2-1-049: 050, 070, and 072).

We note that the HCDA approved a Development Permit application for the subject Project on January 8, 2014. It is our understanding that an Environmental Assessment is required for the Project as a result of the Applicant seeking special financing from the Hawaii Housing Finance and Development Corporation ("HHFDC") for producing affordable housing within the Project beyond what is otherwise required as reserved housing in accordance to the approved Development Permit approved by the HCDA. As such, we believe that the HHFDC will act as the accepting agency for acceptance of an Environmental Assessment in accordance with Hawaii Revised Statutes §343-5(b).

With respect to issues that would pose potential environmental impacts associated with the proposed development Project we offer the following comments.

The Project is sited within the Central Kakaako area, where the existing infrastructure remains relatively unimproved. The Mauka Area Rules take into consideration the challenges for redevelopment in such an area and, consequently, allow a base floor area ratio of 1.5 unless the HCDA Executive Director

determines there to be adequate infrastructure for an increased floor area ratio of 3.5, in accordance with §15-217-57 *Adequate infrastructure*.

Based on the information provided by various State and County agencies and submitted by the Applicant, the HCDA Executive Director has found that the infrastructure in the area was adequate to support the development of the Project, therefore, the Project is allowed a floor area ratio of 3.5.

Additionally, a number of concerns offered by the public in testimony during the permitting process were related to the proposed Project's impact on surrounding properties. Staff reviewed the proposed plans and found the Project to be consistent with and conform to the Mauka Area Plan and Rules. The Project does not require any modifications from the Mauka Area Rules and is compatible with the existing and planned land use character of the surrounding area.

If you should have any questions regarding this matter, please contact Mr. Daniel Simonich of my staff at (808) 594-0333.

Sincerely,

Anthony J. H. Ching
Executive Director

AJHC/DN/DS:ak

HAWAII
PLANNING LLC

December 10, 2014

Mr. Anthony J.H. Ching
Executive Director
Hawaii Community Development Authority
State of Hawaii
235 S. Beretania Street, 6th Floor
Honolulu, HI 96813

Subject: Pre-Consultation - Draft Environmental Assessment (EA)
803 Waimanu – 803 Waimanu Street
TMKs: 2-1-049: 050, 070, & 072

Dear Mr. Ching,

Thank you for your letter dated November 13, 2014 regarding the above-referenced project. The following are our responses to your comments:

1. We acknowledge your comment that the 803 Waimanu project has adequate infrastructure to be allowed a 3.5 FAR. Discussion of adequate infrastructure will be included in the Draft EA.

2. We note your comment that 803 Waimanu is in compliance with the Mauka Area Rules. The Draft EA will include discussion on 803 Waimanu's compliance with the Mauka Area Rules.

3. We acknowledge your comment of 803 Waimanu's compatibility with the existing and planned land use character of the surrounding area. The Draft EA will include discussion of the project's compatibility with the existing and planned land use of the surrounding area.

A copy of the Draft EA will be provided to the Hawaii Community Development Authority. We appreciate your participation in this process.

Sincerely,

Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

American Savings Bank Tower • 1001 Bishop Street, Suite 2755 • Honolulu HI 96813 • (808)521-9418 Ext. 1005 • hawaiiplanningllc@gmail.com

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET, 11TH FLOOR
HONOLULU, HAWAII 96813
Phone: (808) 768-8480 • Fax: (808) 768-4567
Web site: www.honolulu.gov

KIRK CALDWELL
MAYOR

ROBERT J. KRONING, P.E.
DIRECTOR

MARK YONAMINE, P.E.
DEPUTY DIRECTOR

November 18, 2014

Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, Hawaii 96813

Attn: Dennis Silva

Dear Mr. Silva:

Subject: Pre-Assessment Consultation for Draft Environmental Assessment
803 Waimanu – 803 Waimanu Street
Tax Map Keys: 2-1-049: 050, 070 & 072
Honolulu, Oahu, Hawaii

The Department of Design and Construction does not have comments to offer on the pre-assessment consultation.

Thank you for the opportunity to review and comment. Should there be any questions, please contact me at 768-8480.

Sincerely,

for M. Yonamine

Robert J. Kroning, P.E.
Director

RJK: cf (585698)

CITY COUNCIL

CITY AND COUNTY OF HONOLULU
530 SOUTH KING STREET, ROOM 202
HONOLULU, HAWAII 96813-3065
TELEPHONE: (808) 768-5010 • FAX: (808) 768-5011

CAROL FUKUNAGA
HONOLULU CITY COUNCIL, DISTRICT 6
PHONE: 768-5006 FAX: 768-1199
EMAIL: cafukunaga@honolulu.gov

November 19, 2014

Dennis Silva, Jr.
Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop street, #2755
Honolulu, Hawaii 96813

Dear Mr. Silva,

Thank you for the opportunity to provide comments on MJF Development Corporation's proposed multifamily housing project at 803 Waimanu Street, TTMKs: 2-1-049: 050, 070 and 072 as part of your project scoping phase for preparation of a Draft Environmental Assessment (DEA).

Attached as my submittal is a copy of area legislators' November 4, 2013 testimony on the project's second application before the Hawaii Community Development Authority (HCDA).

I believe that the concerns raised about the adequacy of traffic, wastewater/sewer and water infrastructure in this central Kaka'ako neighborhood have not been addressed by HCDA, and that the agency's approval of a second tower for the 801 South project one block away from the 803 Waimanu Street project warrants a more comprehensive evaluation of the cumulative impacts upon infrastructure for this area.

Sincerely,

Carol Fukunaga

Councilmember Carol Fukunaga
Council District 6

City and County of Honolulu • State of Hawaii

November 4, 2013

Chair Brian Lee and Members
Hawaii Community Development Authority
461 Cooke Street
Honolulu, Hawaii 96813

Re: **KAK 13-0091 - 803 Waimanu Street (2nd Application)**

Dear Chair Lee and Members:

Thank you for the opportunity to submit testimony on the application by MJF Development Corporation to develop a 7-story structure with 121 market, 32 reserved housing units and 92 parking stalls at 803 Waimanu Street (industrial zoning includes residential development).

We note that the Hawaii Community Development Authority (HCDA) board had previously voted to accept the HCDA staff recommendations against applicant's first proposal for development. This was due largely to the variances sought to fit the proposed 20-story tower with 192 residential units and 198 parking stalls onto a 21,191 square foot development lot.

With respect to the current 803 Waimanu Street development proposal, residents are now raising questions regarding: (a) whether an HCDA staff determination allowing for the existing 1.5 FAR increase to 3.5 FAR is warranted; (b) increased traffic/congestion on non-standard City streets at the project site and adjacent blocks in Central Kaka'ako, and (c) sewer/noxious gases stench that impact residents in the Curtis Street-South Street/Kapiolani Boulevard area. We do not believe that adequate information has been provided by the Hawaii Community Development Authority staff or by City agencies with jurisdiction over transportation, sewer and water infrastructure.

We join in the concerns raised by Imperial Plaza residents. They raise legitimate questions that extend beyond impacts upon their building. Concerns regarding HCDA staff determinations on density, or on issues like parking, setbacks and infrastructure apply to other Kaka'ako residents and to the entire urban core.

More importantly, **HCDA must improve its public review process by posting on its website: (a) any determinations by the HCDA staff on waivers or modifications to current zoning requirements (e.g., Floor Area Ratio or FAR), and (b) comments received from public agencies on development applications before public hearings on proposed projects.**

Hawaii law requires HCDA to provide the public a meaningful opportunity to be heard in this process. *Hawaii Revised Statutes § 206E-5.5* requires:

> *A means to **effectively engage** the community in which the authority is planning a development project **to ensure** that*

> *community concerns are **received and considered** by the authority. (HRS §206E-5.5 (a)(1) - emphasis added).*

On October 15, 2013, we submitted a written request to HCDA for clarification of the rules and statutory requirements for floor area ratio (FAR) determinations being made by the Executive Director or by the HCDA board, and requested a list of the specific infrastructure upgrades made in the Waimanu Street/Central Kaka'ako neighborhood zone that justify the change from an 1.5 to 3.5 FAR.

The HCDA Executive Director responded on October 30th, pointing out that HCDA staff had made a finding that an increase from 1.5 to 3.5 FAR was justified in its *July 3, 2013 Staff Report, Findings and Recommendations* for KAK 13-019, the first 803 Waimanu Street development proposal (page 7 of 29, *excerpt attached*). The staff report, findings and recommendations for KAK 13-009 are not posted on the HCDA website (November 4, 2013).

In his letter, the Executive Director noted that the City's Department of Transportation Services, Department of Planning and Permitting, Department of Environmental Services and Board of Water Supply had not identified any infrastructure deficiencies for the initial, larger project; and noted only that the Department of Transportation Services had recommended a traffic improvement assessment report (TIAR) be undertaken by the applicant. He reported that state and county agencies had met with HCDA staff and the applicant on October 24, 2013, but did not provide information on written or oral comments submitted by these agencies.

However, the Executive Director's letter fails to address the question of specific infrastructure upgrades that have been made in the Waimanu Street/Central Kaka'ako neighborhood zone that justify the change from an 1.5 to 3.5 FAR.

The Executive Director's letter is not a satisfactory response to our questions, since the July 2013 FAR determination by HCDA staff is not publicly accessible (e.g., via the HCDA website). We also believe that current conditions in the Central Kaka'ako neighborhood are different from those in July 2013, since the second development proposal at 803 Waimanu Street is located one street away from a new development application (801 South Street, with 400+ residential units) whose impacts upon the existing traffic, wastewater/sewer and water requirements for this part of the Central Kaka'ako neighborhood add to the conditions that will affect the feasibility of the 803 Waimanu Street project.

We therefore request that HCDA provide to the public any staff and state/county agency findings and comments on specific development proposals prior to the public hearings on the projects to ensure meaningful public participation and to prevent the perception that decisions are predetermined.

As previously stated, the Legislature created the HCDA in 1976 and gave it the autonomy to plan and coordinate community development and renewal projects, not just in Kakaako, but also Kalaeloa, Heeia and Hamakua. In doing so, the Legislature stated that the creation of HCDA would "serve the public interest" (*H.R.S. §206E-1).*

Because the HCDA's planning and zoning authority is based upon an expedited zoning and regulatory review process (in comparison with the number of public hearings and public review steps incorporated in the City and County of Honolulu's *Chapter 21, Article 3 "Establishment of Zoning Districts and Zoning District Regulations"*), the agency must meet a higher standard for transparency and accountability to the public to justify its unique level of discretionary authority for zoning decisions. HCDA must make a greater effort to specifically address increasing public concerns related to overdevelopment, height, density, and infrastructure.

Thank you for this opportunity to submit our comments on this development proposal.

Sincerely,

SCOTT K. SAIKI
State Representative, District 26

BRICKWOOD GALUTERIA
State Senator, District 12

SUZANNE CHUN OAKLAND
State Senator, District 13

TOM BROWER
State Representative, District 22

DELLA AU BELATTI
State Representative, District 24

CAROL FUKUNAGA
City Councilmember, District 6

ANN KOBAYASHI
City Councilmember, District 5

LIST OF ATTACHMENTS

1. **July 3, 2013 Staff Report, Findings and Recommendations for KAK 13-019 (First 803 Waimanu development proposal)**

2. **October 15, 2013 letter to HCDA regarding FAR determinations made by the Executive Director**

3. **October 30, 2013 response letter from HCDA's Executive Director to legislators regarding FAR determinations**

HAWAII COMMUNITY DEVELOPMENT AUTHORITY

KAKAAKO KALAELOA

Neil Abercrombie
Governor

Brian Lee
Chairperson

Anthony J. H. Ching
Executive Director

461 Cooke Street
Honolulu, Hawaii
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E-Mail
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DEVELOPMENT PERMIT REQUEST

KAK 13-019
803 WAIMANU STREET
Staff Report, Findings and Recommendations

July 3, 2013

I. REQUEST

MJF Development Corporation ("Applicant") is requesting a Development Permit to demolish existing single-story industrial buildings and construct a new workforce housing high-rise residential project ("Project"). The Project site is located at 803 Waimanu Street and 764 Kawaiahao Street in the Mauka Area of the Kakaako Community Development District ("KCDD") (Tax Map Key Nos.: 2-1-049: 050, 070, and 072). The Applicant's Development Permit application was distributed at the public hearing on May 1, 2013.

II. PUBLIC HEARING AND COMMUNITY OUTREACH

Public hearing notice for the Project was published in the Honolulu Star Advertiser on March 31, 2013. Subsequent public hearing notice for the continuation of May 1, 2013 public hearing was published in the Honolulu Star Advertiser on May 9, 2013. In accordance with the provisions of Hawaii Revised Statutes ("HRS") §206E-5.6, the President of the Senate and the Speaker of the House of Representatives were notified upon posting of the public hearing notice. Association of apartment owners of residential buildings adjacent to the Project, surrounding landowners and businesses, the Ala Moana/Kakaako Neighborhood Board, and the Kakaako Improvement Association were notified of the public hearings. Various elected officials and State and County agencies were also notified of the public hearings. Public hearing notice was also provided to approximately 260 individuals and organizations that have shown interest in development in Kakaako in the past and who have requested that they be kept informed of development activities in the district.

III. STATE AND COUNTY AGENCIES CONSULTATION

The Development Permit application for the Project was provided to the following government agencies for review and comment:

State of Hawaii

- State Historic Preservation Division, Department of Land and Natural Resources, and
- The Department of Education.

City and County of Honolulu

- Department of Transportation Services,
- Department of Planning and Permitting, and
- Honolulu Board of Water Supply.

IV. ANALYSIS

Project Description

The Project is proposed to be located on a 21,192 square foot (0.49 acres) development lot at 803 Waimanu Street and 764 Kawaiahao Street. The site currently includes single-story industrial buildings on the property occupied by tenants that are all associated with some form of automotive repair.

The Development Permit application for the Project was submitted as a 20-story tower containing 217 residential units, associated common areas and parking podium consisting of 205 parking stalls. Total proposed floor area was 148,169 square feet.

At the public hearing conducted on May 1, 2013, the Applicant submitted a revised development application that included 192 residential units, associated common areas and a parking podium consisting of 198 parking stalls. The total proposed floor area remained 148,169 square feet.

A second public hearing was conducted on June 5, 2013 on the revised Development Permit application. Summary of Project elements are provided in Table 1 below.

Land Use, Neighborhood Zone, and Building Type

The Project is located within the CK neighborhood zone. Figure 1.3 of the Mauka Area Rules establishes development standards for each neighborhood zones. Figure 1.9 of the Mauka Area Rules establishes land use for each neighborhood zones. The Project is a multi-family residential use, which is a permitted use as indicated in Figure 1.9 of the Mauka Area Rules. The Project proposes a Podium High Rise building type. Figure 1.3 of the Mauka Area Rules provides that a podium high rise building type is permitted with exception in the CK neighborhood zone and refers to Figures NZ.1-NZ.7 for determination of the exception. For the case of CK neighborhood zone, Figure NZ.5 and NZ.5-1 are applicable. Based on the allowable heights for various sections of CK neighborhood zone indicated in Figure NZ5.1, a podium high rise is not an allowable building type at the location of the proposed Project. As per Figure NZ.5 and NZ.5-1, only Courtyard Building, Duplex/Triplex/Quadplex, Townhouse, Flex/Loft, and Industrial Barn are allowed building types at the Project location.

Based on the information provided by various State and City and County agencies, staff finds that there is adequate public infrastructure at the Project location to support the proposed development. Therefore, staff also finds that consistent with the provisions of §15-217-57(d) of the Executive Director may waive the FAR limitations and allow for a base FAR of 3.5. Consistent with Subchapter 4 of the Kakaako Reserved Housing Rules, the Applicant is requesting a floor area bonus of 100% which results in the effective FAR of 7.0 for the development lot.

Staff finds that the proposed building type of podium high rise for the Project is not consistent with the applicable provisions of Figure 1.3, Figure NZ.5, and Figure NZ.5-1, of the Mauka Area Rules.

Staff notes that in accordance with the provision of §15-218-55(e), the Applicant is requesting modification of the allowable height provision of Figure NZ.5-1 of the Mauka Area Rules. If the allowable height provision of Figure NZ.5-1 is modified to allow for the building height requested by the Applicant, the proposed building type for the Project will be consistent with the applicable provisions of Figure 1.3, Figure NZ.5, and NZ.5-1 of the Mauka Area Rules.

Building Placement

Figures NZ.5 and NZ.5-1 of the Mauka Area Rules establish the built-to-line dimensions for the CK neighborhood zone. The Project proposes to be built to property line at Waimanu frontage, setback from Kawaiahao by

City and County of Honolulu • State of Hawaii

October 15, 2013

Mr. Anthony Ching, Executive Director
Hawaii Community Development Authority
461 Cooke Street
Honolulu, HI 96813

Dear Mr. Ching,

We are writing to seek clarification on HCDA rules and statutory requirements for floor area ratio determinations made by the Executive Director and/or Hawaii Community Development Authority (HCDA) board, particularly with respect to the new application for 803 Waimanu Street project (application dated September 16, 2013).

Chapter 217, Section 15-217-57 of the Mauka Area Rules (effective November 11, 2011) requires that *"...(c) A maximum FAR of 1.5 shall apply until the executive director determines the infrastructure within the central Kakaako neighborhood zone has been sufficiently upgraded pursuant to an improvement district or other public facilities project. After sufficient infrastructure improvements are made, the FAR shall be increased to 3.5, consistent with the mauka area rules."*

The proposed 803 Waimanu Street project is located within the central Kakaako neighborhood zone (see *Figure 1.2, Regulating Plan, Mauka Area Rules, effective 11-11-11*). We are not aware of any infrastructure improvements undertaken by HCDA or by the City and County of Honolulu in the central Kakaako region since the 2011 effective date of the Mauka Area Rules.

Please provide us with a written explanation of the basis upon which the Executive Director and/or HCDA has made a determination that the FAR for the proposed 803 Waimanu Street project is increased or should be increased from 1.5 to 3.5. We would also appreciate a listing of the specific infrastructure upgrades that have been made that warrant the change from 1.5 to 3.5 FAR.

We would appreciate your written response by **Wednesday, October 30, 2013.** Please contact Representative Saiki's office at 586-8485 if you or your staff have additional questions.

Sincerely,

Scott K. Saiki

Representative Scott Saiki
District 26 (586-8485)

Senator Brickwood Galuteria
District 12 (586-6740)

Representative Della Au Belatti
District 24 (586-9425)

Representative Tom Brower
District 22 (586-8520)

Senator Suzanne Chun Oakland
District 13 (586-6130)

Councilmember Carol Fukunaga
District 6 (768-5006)

Councilmember Ann Kobayashi
District 5 (768-5005)

HAWAII COMMUNITY DEVELOPMENT AUTHORITY

KAKAAKO KALAELOA

Neil Abercrombie
Governor

Brian Lee
Chairperson

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Executive Director

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Web site

Ref. No.: KAK 13-091

October 30, 2013

The Honorable Scott K. Saiki
House of Representatives
Hawaii State Legislature
State Capitol, Room 418
Honolulu, Hawaii 96813

Dear Representative Saiki:

Re: 803 Waimanu Street, Tax Map Keys: 2-1-049: 050, 070 and 072

The Hawaii Community Development Authority ("HCDA") has received and reviewed your letter dated October 15, 2013 requesting more information on the rules pertaining to adequate infrastructure and the determination of allowable floor area ratio ("FAR").

As you correctly cite in your letter, §15-217-57 *Adequate infrastructure* of the Mauka Area Rules (2011) requires that a determination be made by the HCDA Executive Director to increase the FAR from 1.5 to 3.5 in Central Kakaako based on sufficient infrastructure. This provision applies to the proposed 803 Waimanu Street project (application KAK 13-091) which is located on the edge of the Central Kakaako Neighborhood Zone.

It is worth noting that the provision §15-217-57 goes on to explain the intent of the rule is "*to limit development within portions of the Mauka Area with known infrastructure deficiencies until such a time as the availability of infrastructure is sufficient*". Notwithstanding specific known deficiencies that would limit development to a 1.5 FAR, development in the Central Kakaako Neighborhood Zone is identified in the Mauka Area Plan as *"for future re-use of small properties...through selective improvement to streets and parking"*. In that regard, the proposed 803 Waimanu Street project would provide continuation of improvements made by the adjacent Imperial Plaza and surrounding properties that border the Central Kakaako Neighborhood Zone.

The predominant character of existing light industrial and service businesses on primarily small lots pose real challenges for making necessary infrastructure improvements in the Central Kakaako Neighborhood Zone. The Mauka Area Plan suggests a strategy where *"external market forces will . . . impact and change the face of this neighborhood over time."*

HCDA staff believe the Central Kakaako Neighborhood Zone should not be excluded entirely from redevelopment proposals, and should not be planned for independent of, and in isolation from the rest of the Kakaako Community Development District ("Kakaako District"). The proposed 803 Waimanu Street project would necessarily implement certain incremental improvements, especially as a project located on the boundary of the Central Kakaako Neighborhood Zone.

The HCDA Executive Director and staff have made real effort to engage with City and State agencies who actually administer and are responsible for overseeing the infrastructure systems that Kakaako shares with the rest of Honolulu. HCDA staff rely on input from other agencies for determining adequate capacity to accommodate any proposed project. The HCDA staff shared copies of proposed project plans and coordinated meetings with City and State agencies for the specific purpose to *"invite review, comments and recommendations as to the adequacy of infrastructure systems and the demands placed on these systems by the proposed development"*. An invitation to meet was issued on September 24, 2013 and was held on October 24, 2013 with the following agencies:

<u>State of Hawaii</u>

- State Historic Preservation Division, Department of Land and Natural Resources, and
- Department of Education.

<u>City and County of Honolulu</u>

- Department of Transportation Services,
- Department of Planning and Permitting,
- Department of Environmental Services, and
- Honolulu Board of Water Supply.

A similar approach was taken for a previous application (KAK 13-019) on the same development site and by the same Applicant for a much larger proposed project. Copies of the previously proposed 803 Waimanu Street development project (application KAK 13-019) were shared with the same agencies, and a meeting was held on April 22, 2013. That previous proposal included a 20-story (250-foot high) tower containing 217 units and 198 parking stalls. That proposal was much larger than the current proposal which now calls for construction of a 7-story, (65-foot high) residential building containing 153 units and 91 parking stalls.

The previously proposed project received comments from city and state agencies. Those comments included:

- the Board of Water Supply (BWS) noting that the existing water system in the area was adequate to support the proposed development;
- the Department of Environmental Services (EVS) noting that a Sewer Connection permit had been submitted;
- the Department of Transportation Services (DTS) recommending that a traffic impact assessment report (TIAR) be conducted; and
- the Department of Education (DOE) noting there will be no classroom capacity for any elementary students residing in the proposed development.

These comments for a much larger previous proposal received from various State and County agencies did not point out any infrastructure deficiencies.

Based on the information previously provided by various State and County agencies and submitted by the Applicant, HCDA staff found that infrastructure was adequate to support the development of the project, and determined that the information provided supported a determination waiving the FAR limitation. Now, excluding any change of comments from those agencies for a smaller proposed project, the HCDA Executive Director is ready to make the same conclusion that there is adequate infrastructure and to allow 3.5 FAR, consistent with the provision of §15-217-57 of the Mauka Area Rules.

It is important to note that, §15-217-57 HAR states that *"where the Executive Director finds that the public infrastructure is adequate to support a project within the Central Kakaako Neighborhood Zone or where a project would construct improvements to said project and future developments, the Executive Director may elect to waive the FAR limitations of this section"*. Consequently, a determination of adequate infrastructure does not release the Applicant from necessarily developing infrastructure improvements. As reports are initiated and completed, and as capacity changes as a result of other factors, it will be incumbent on the Applicant to follow recommendations to the regulation and approval of City and State agencies that oversee these shared infrastructure systems.

The infrastructure within the Mauka Area, including Central Kakaako, is a shared system that integrates with the larger Honolulu network. Consequently, improvements made to infrastructure in Kakaako are not limited for the exclusive use and discriminating privilege of the most proximal residents and tenants, but rather offer an increased capacity that is distributed across Kakaako and Honolulu. The HCDA has made substantial infrastructure improvements in the Kakaako District to facilitate and encourage redevelopment.

As of 2009, approximately $203 million of State-funded improvements have been made *"reconstructing and/or widening streets; installing streetlights, curbs, gutters and sidewalks; improving drainage, sewer and water systems; and, upgrading and undergrounding electrical power and telecommunications" (2009 EIS-Appendix E, Mauka Area Infrastructure Plan, Page 1-1).* These infrastructure improvements were accomplished through a strategic Improvement District ("ID") Program, which in turn resulted in over $2 billion of investment in private-sector projects in the area *(2009 EIS-Appendix E, Mauka Area Infrastructure Plan, Page 1-1).* A dozen ID projects have been completed throughout the 604 acres of both the Mauka and Makai Areas in the Kakaako District, including a 1993 ID along Cooke Street.

Much of the infrastructure in Kakaako, similar to the rest of Honolulu, has not been improved since it was initially constructed decades ago, and some plans for strategic improvements have not come to fruition. An ID was planned for Central Kakaako to improve Queen Street between Ward Avenue and Kamakee Street, but was cancelled in January 2007 by the HCDA to allow for more coordination with the community *(2009 EIS-Appendix E, Mauka Area Infrastructure Plan, Page 1-2).*

The most recent Environmental Impact Statement ("EIS") (2009) for the Kakaako District evaluated existing infrastructure and prepared an infrastructure master plan based on future demands for proposed development through the year 2030. According to the 2009 EIS, and in regards to the determining of adequate infrastructure for the proposed 803 Waimanu Street project, there was an existing 8-inch waterline on Kawaiahao Street, a 9-inch sewer line on Kawaiahao Street, a stormwater drain line on Dreier Street, a 2-inch natural gas line on Kawaiahao, overhead telephone and communications lines along Waimanu Street and Kawaiahao Street, and streetlights along Waimanu Street and Kawaiahao Street.

The same report proposed that for future development demands by 2030, infrastructure improvements in Central Kakaako may necessitate including a stormwater catch basin on Waimanu Street and Kawaiahao Street. There was no proposed upsizing of sewer lines along either Waimanu Street or Kawaiahao Street, and no proposed upsizing of water lines along either Waimanu Street or Kawaiahao Street *(2009 EIS-Appendix E, Mauka Area Infrastructure Plan).*

The current proposed 803 Waimanu Street development seeks to conform to the Mauka Area Plan and Rules and is not requesting any modifications. The proposed development lot on Block 24 of the Central Kakaako Neighborhood Zone is allowed a maximum height of 65 feet according to the Mauka Area Rules. There

are other larger blocks within the Central Kakaako Neighborhood Zone that are allowed maximum heights of 250 feet and 400 feet. The blocks that are limited to 65 feet in height are predominantly smaller parcels, and the size of these parcels were a consideration for the future redevelopment potential and the maximum requirements established in the Mauka Area Plan. The proposed 803 Waimanu Street project is comprised of three parcels totaling over 20,000 square feet.

While the current development permit is not yet before the Authority for decision making, it is my belief that the infrastructure (e.g., drinking water, wastewater, storm water drainage and public utilities) and utility service in the area is sufficient for a determination to be made that the FAR limitation can be lifted. It is also important to note that a potential condition of approval would be that where further infrastructure improvements are determined to be needed to service the project and/or a regional ID project is initiated by the HCDA that the developer would be obliged to participate fully or on a prorate basis.

If you should have any questions regarding this matter, please do not hesitate to contact me directly.

Sincerely,

Anthony J. H. Ching
Executive Director

AJHC/DN/DS:ak

c: The Honorable Brickwood Galuteria
(Senate)
The Honorable Suzanne Chun Oakland
(Senate)
The Honorable Tom Brower
(House of Representatives)
The Honorable Della Au Belatti
(House of Representatives)
The Honorable Carol Fukunaga
(Honolulu City Council)
The Honorable Ann Kobayashi
(Honolulu City Council)

HAWAII
PLANNING LLC

December 10, 2014

Councilmember Carol Fukunaga
Honolulu City Council, District 6
City and County of Honolulu
530 S. King Street, Room 202
Honolulu, HI 96813

Subject: Pre-Consultation - Draft Environmental Assessment (EA)
803 Waimanu – 803 Waimanu Street
TMKs: 2-1-049: 050, 070, & 072

Dear Councilmember Fukunaga,

Thank you for your letter dated November 19, 2014 regarding the above-referenced project. The following are our responses to your comments:

The Hawaii Community Development Authority (HCDA) stated in their comment letter dated November 13, 2014 that there is adequate infrastructure for 803 Waimanu to warrant a 3.5 FAR. HCDA approved the development application for this project on January 8, 2014. The Draft EA requirement is based on use of State funds, in this case, the request for Dwelling Unit Revolving Fund (DURF) through the Hawaii Housing Finance and Development Corporation (HHFDC). The Draft EA will discuss issues on infrastructure adequacy, traffic impacts, and other cumulative impacts of 803 Waimanu on the surrounding area.

HCDA also reviewed 803 Waimanu for compliance and compatibility with the Mauka Area Rules and the existing and planned land use character of the surrounding area. HCDA concluded in the development application review that 803 Waimanu is in compliance with the Mauka Area Rules and is compatible with the existing and planned land use in the surrounding area.

A copy of the Draft EA will be provided to your office for review and comment. The Draft EA will include the aforementioned HCDA comment letter of November 13, 2014. We appreciate your participation in this process.

Sincerely,

Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

American Savings Bank Tower • 1001 Bishop Street, Suite 2755 • Honolulu HI 96813 • (808)521-9418 Ext. 1005 • hawaiiplanningllc@gmail.com

Pamela B. Wood
725 Kapiolani Blvd., #3002
Honolulu, HI 96813
808.781.1732 pwood229@gmail.com

HAND DELIVERED

Mr. Dennis Silva, Jr., AICP
Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, HI 96813

November 19, 2014

Dear Mr. Silva:

Re: Pre-Assessment Consultation for Draft Environmental Assessment
803 Waimanu – 803 Waimanu Street
Tax Map Keys: 2-1-049: 050, 070 & 072
Honolulu, Oahu, Hawaii

Representative Scott Saiki and Councilmember Carol Fukunaga forwarded copies of your October 22, 2014 letter requesting written comments regarding the possible environmental, social and economic impacts associated with the proposed 803 Waimanu multifamily housing project. I am a resident/owner of an Imperial Plaza unit and participated in the HCDA public hearings for the two 803 Waimanu project permit applications. The following concerns were expressed during the public hearings; however residents have not received an adequate response.

1. Sewer connection: It is my understanding a camera has been used to inspect the Cooke Street main line and numerous leaks have been discovered. In addition, the Kawaiahao Street line (dated 1893) is not connected to Cooke Street. This means sewage is leaking into the soil. I have also been told it will be very difficult to make a new connection into the existing old line without creating additional problems.

2. Storm Drain on Waimanu Street next to Imperial Plaza loading dock: The 2009 FSEIS (Final Supplemental Environmental Impact Statement) requires a storm drain, but 803 Waimanu will be handling drainage "on-site" without improving the infrastructure. Has an engineering study for the on-site catchment system been completed? Please insure this solution is adequate for the neighborhood.

3. Ownership of Kawaiahao Street and Waimanu Street: Since the 803 permit application was approved January 8, 2014, Kakaako Land Company has stated they own these streets and signs have been posted stating paid parking is reserved 24/7. The City & County has made the decision not to maintain the roads. See the attached Public Notice dated August 12, 2014. This affects all property owners located on these streets. This discovery also raises the following concerns regarding traffic:
    - Visibility on Kawaiahao when exiting the Imperial Plaza and 803 Waimanu
    - With increased traffic, who is responsible for correcting problems? As current residents we are passed from the Police, City and County, HCDA and the private street owner.
    - Pay special attention to the intersection at Cooke and Kawaiahao Street, it is becoming very dangerous, especially with workday pedestrian traffic and numerous blind spots when making turns, both left and right from Kawaiahao Street. Parked cars near the intersection create an additional hazard.

4. Construction, delivery, public pick up/drop off access:
    - The developer has not submitted a plan or contacted the Imperial Plaza AOAO regarding the structural safety of the Imperial Plaza during construction
    - The Developer has not submitted a plan or communicated with the Imperial Plaza AOAO regarding construction staging and access to both properties.
    - The Developer has not addressed the issue of the planned loading zone being inadequate to accommodate large moving trucks which may impede or limit access to neighboring properties.
    - The developer has not provided a plan detailing how residential guests and deliveries to their building will be dropped off safely from both Kawaiahao and Waimanu Streets.

5. Contaminated Soil: The developer has not provided any information indicating a soil test for contaminates, such as industrial waste, has been performed; and, if waste is discovered, their plans to mitigate the situation.

6. Floor Area Ratio (FAR) increase from 1.5 to 3.5:
    - The 2009 FSEIS (Final Supplemental Environmental Impact Statement) states: "In areas where infrastructure has not been upgraded pursuant to an improvement district and/or where streets do not meet the proposed standards in the Draft Mauka Area Plan, the maximum FAR will remain 1.5. Once the infrastructure is upgraded, the maximum allowable FAR will be increased to 3.5."
    - Hawaii Administrative Rules dated 2011 Chapter 15-217-23 (5) Central Kakaako states: "Inadequate infrastructure will be repaired or upgraded to adequately support existing and planned development and uses."
    - 2.12.1 of the Final Supplemental Environmental Impact Statement (FSEIS) defines infrastructure as: Storm Drain Systems; Sanitary Sewer Systems; Solid Waste Disposal Program; Water Systems; Synthetic Natural Gas Systems; Electrical Power Systems; Telephone, Cable Television and Communication Systems; Traffic Signal Systems; Roadway Street Light Systems; and, Roadways
    - Our State and City representatives stated in a letter dated October 15, 2013 "We are not aware of any infrastructure improvements undertaken by HCDA or by the City and County of Honolulu in the central Kakaako region since the 2011 effective date of the Mauka Area Rules."
    - The increase in FAR creates a high density environment for the existing lower apartments in the Imperial Plaza. We are not aware of any plans being made that will mitigate the loss of privacy, open space and sunlight for both 803 Waimanu and the Imperial Plaza.
    - No infrastructure improvements have been made; no improvement districts have been established; no improvements are planned; and, the developer is not being required to make infrastructure improvements. The FAR should not be increased from 1.5 to 3.5.

Thank you for allowing me the opportunity to comment on the 803 Waimanu project and the impact it will make to the neighborhood.

Sincerely,

Pamela B. Wood

Pamela B. Wood

Cc: Representative Scott Saiki
Councilmember Carol Fukunaga

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HILL , Judge of the above-entitled Court, in his/her
ırtroom in the Circuit Court of the Second Circuit,
liuku on SEP 24 2014 , 2014 , at 8:15am . or to
an answer or other pleading and serve it before
d day upon RCO Hawaii, LLC, attorneys for Plaintiff
MORGAN CHASE BANK, NATIONAL ASSOCIATION ,
ɔse address is 900 Fort Street Mall, Suite 800,
nolulu, Hawaii 96813. If you fail to do so, judgment
default will be taken against you for the relief
nanded in the Complaint. DATED: Wailuku, Hawaii,
22 2014. /sgd/ M.FERNANDEZ-KAHAKAUWILA
ERK OF THE ABOVE-ENTITLED COURT
)8.248165 08/12/2014,08/19/2014, 08/26/
14,09/02/2014
657818 8/12, 8/19, 8/26, 9/2/14)

IN THE DISTRICT COURT OF THE FIRST CIRCUIT
WAIANAE DIVISION
STATE OF HAWAII

SUMMONS

BRANDI-CHANTEL L. I. TITSWORTH

YOU ARE HEREBY NOTIFIED THAT TRADEWIND
URANCE COMPANY, LIMITED and SERVCO PACIFIC,
., Plaintiffs, have commenced an action in Civil No.
C12-1-5594 and DTRIC INSURANCE COMPANY,
ITED and SERVCO PACIFIC, INC., Plaintiffs, have
nmenced an action in Civil No. 1RC12-1-7442, in
above-entitled Court, where they pray for judgment
inst you for damages as a result of an automobile
ident on January 18, 2012, plus court costs.
YOU ARE HEREBY SUMMONED to appear before
Honorable Judge, presiding at his/her courtroom at
75 Kapolei Parkway, Kapolei, Hawaii, on October 7,
14 at 9:00 o'clock a.m., of said day, or to file an
wer or other pleading and serve it before said day
n Stanford H. Nakamoto, Plaintiffs' attorney, whose
iress is P. O. Box 17040, Honolulu, HI 96817.
If you fail to attend at the time and place above
ignated, judgment by default will be taken against
for the relief demanded in the Complaints.
DATED: Honolulu, Hawaii, JUL 09 2014.

J. PAULINO (SEAL)
CLERK OF THE ABOVE-ENTITLED COURT

KAMOTO & TANAKA
NFORD H. NAKAMOTO #2757
). Box 17040, Honolulu, HI 96817
847-4700 Fax 847-4701
rney for Plaintiffs
657634 8/12, 8/19, 8/26, 9/2/14)

furniture, electronics, and other such effects of household nature.

4128, Henry Foggo: Luggage, bags, clothes, video games $485.82 ; 3212, Jessica Goldsmith: Tables, books, holiday items, TV, furniture $1025.72 ; PA294F, David Mangham: Cooler, bags, clothes, laptop, etc $234.62 ;3450, Victoria Muraki: Vacuum, furniture, U"kulele, plastic bins etc $1199.81 ;2269, Tracie Shimatsu: Boxes, bins, toys, tools $1287.69 ;3047, Alfua Aufaga:Bed, couches, tables, boxes etc $1343.24; 3177, Chadwick Chun-Hoon: Bins, toys, video games, clothes, car spoiler $1013.72 ;4186F, Roxanne Gonsalves: Boxes, clothes, computer, holiday items $630.15; 4192: Carl Kahalewai:Car audio, furniture, plastic bins, boxes $1438.28 ;4305: Helen Lawless: Antique couches & chairs, tubs, boxes, office stuffs $1535.45 ; 2080P: Konrad Nikolao: Computer, boxes, luggage, furniture, wheelchair $1144.86 ;4458,Rodney Sabado: Scooters, comic books, weight set, bins, R/C cars, tools, music keyboard, TV, vacuum $ 1144.86; 3410: Karolyn Calhoun: Couch, entertainment center, bed $2346.74.

All purchased items are **SOLD AS IS**. Sale is subject to cancellation in the event of settlement between owner and obligated party.
(SA657847 8/12, 8/19/14)

Public Notice | Public Notice | Public Notice

PUBLIC NOTICE
TO THE ESTATE OF CHARLES S. DESKY, ALSO KNOWN AS C. S. DESKY, DECEASED, OR SUCCESSOR TRUSTEE

Notice is hereby given by the Department of Facility Maintenance (the "Department"), City and County of Honolulu regarding the following private roadways that the City has been providing surface maintenance for pursuant to Chapter 14, Article 32 of the Revised Ordinances of Honolulu, as amended ("ROH"):

- Waimanu Street, from Dreier Street to Kamakee Street;
- Kawaiahao Street, from Cooke Street to Kamakee Street;
- Queen Street, from Ward Avenue to Kamakee Street

The Department recently identified numerous restrictive signs ("Reserved Parking," "Private Parking," and "Parking for Rent") along Waimanu Street, Kawaiahao Street and Queen Street which do not comply with the requirements of ROH Section 14-32.2(a).

Pursuant to ROH Section 14-32.2(c), you are hereby notified of the Department's intention to discontinue maintenance of Waimanu Street, Kawaiahao Street and Queen Street on October 1, 2014 based on the determination that the streets no longer meet with all the criteria set forth in ROH Section 14-32.2(a).

The Department of Facility Maintenance may be contacted at 768-3343 for any questions.
(SA657505 8/12/14)

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January 7, 2015, at
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Individuals who n
contact Ms. Lindsey D
facsimile at 594 0299

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HAWAII
PLANNING LLC

January 9, 2015

Ms. Pamela Wood
725 Kapiolani Boulevard, #3002
Honolulu, HI 96813

Subject: Pre-Consultation - Draft Environmental Assessment (EA)
803 Waimanu – 803 Waimanu Street
TMKs: 2-1-049: 050, 070, & 072

Dear Ms. Wood,

Thank you for your letter dated November 19, 2014 regarding the above-referenced project. The 803 Waimanu development project was approved by the Hawaii Community Development Authority (HCDA) on January 8, 2014. The Environmental Assessment (EA) is required for application of Dwelling Unit Revolving Funds through the Hawaii Housing Finance and Development Corporation.

We therefore note your comments and have the following responses:

- 803 Waimanu has adequate sewer and has an approved Sewer Connection Application with the City and County of Honolulu (2013/SCA-0848).
- HCDA stated in their comment letter for this project dated November 13, 2014 that 803 Waimanu is allowed for a 3.5 FAR.

A copy of the Draft EA will be provided to you. We appreciate your participation in this process.

Sincerely,

Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

American Savings Bank Tower • 1001 Bishop Street, Suite 2755 • Honolulu HI 96813 • (808)521-9418 Ext. 1005 • hawaiiplanningllc@gmail.com

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8000 • FAX: (808) 768-6041
DEPT. WEB SITE: www.honoluludpp.org • CITY WEB SITE: www.honolulu.gov

KIRK CALDWELL
MAYOR

GEORGE I. ATTA, FAICP
DIRECTOR

ARTHUR D. CHALLACOMBE
DEPUTY DIRECTOR

2014/ELOG-2054(hs)

November 20, 2014

Mr. Dennis Silva, Jr., AICP
Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, Hawaii 96813

Dear Mr. Silva:

SUBJECT: Draft Environmental Assessment for Proposed Apartments at 803 Waimanu Street, Tax Map Key: 2-1-049: 050, 070, and 072

Thank you for your letter dated October 22, 2014, regarding a request for comments in anticipation of preparation of a Draft Environmental Assessment (DEA) for the project listed above.

We have the following comments:

1. The DEA should include a discussion of the consistency of the project with the Oahu General Plan and the Primary Urban Center Development Plan.

2. The DEA should address how the proposed project satisfies the urban design guidance of Hawaii Community Development Authority's Area Plan and the guiding principles and objectives of the Draft Kakaako Community Development District Transit Oriented Development Overlay Plan (Chapter 2).

3. The DEA should include an analysis of the possible impact of sea level rise on the project. If it is likely that sea level rise will increase the risk of flooding during the life of the structure, the DEA should discuss how the design and operation of the project will address that risk and provide resilience in recovering from any flooding.

   The Army Corps of Engineers (COE) has issued an Engineering Circular (EC 1165-2-212) which provides guidance on likely ranges of sea level rise through 2100 which they require to be used in evaluating projects in shoreline areas subject to COE review.

More recently they have provided online tools which can be used to adapt the circular's guidance to reflect historic sea level rise conditions measured at the closest local tidal gauge.

Using the circular as adapted to reflect the local sea level rise rate, the elevation above sea level at the project site, and the estimated life of the structures involved in the project, a determination of whether sea level rise is likely to increase the risk of flooding at the project site during the life of the project structures can be made.

A practical example of how the COE circular and the tidal gauge adjustments can be incorporated into a Honolulu area study is provided by the Army Corps of Engineers Ala Wai Canal Study.

For further details on how the Engineering Circular and local tidal gauge information could be used to assess sea level rise risk for a local project, contact Mr. Michael Wong, Chief, Engineering and Construction Technical Branch, Army Corps of Engineers, Honolulu District (808-835-4138).

4. The project is consistent with City policies directing housing development along the rail corridor in order to preserve Oahu's valuable agricultural and conservation lands and reduce impacts on transportation infrastructure and household transportation budgets.

5. The DEA should discuss how the project is consistent with the City's Complete Streets policies and principles which call for creation of neighborhoods characterized by human scale design, pleasant and safe walking and biking conditions, and attractive entrances and frontage. (See Revised Ordinances of Honolulu Chapter 14 Article 33.)

6. A traffic impact analysis report (TIAR) should be prepared and included in the DEA. The TIAR should include provisions for traffic demand management (TDM) strategies. TDM strategies should include and specify the amount of bicycle parking provided for this project in a location that is easily accessible.

7. A draft construction transportation management plan (CMP) should be prepared and included in the DEA. Final approval of the CMP should be obtained prior to approval of a major demolition or building permit.

8. The DEA should disclose how the project will comply with the following City requirements pertaining to circulation and street frontage improvements:

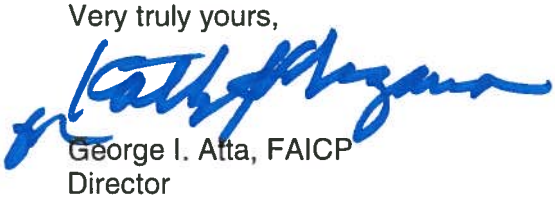
   - Construction plans for all work within or affecting public streets should be submitted for review and approval. Traffic control plans during construction should also be submitted for review and approval, as required.

- Frontage improvements should be constructed along Kawaiahao Street and Waimanu Street, as needed;
- Street frontage improvements along Kawaiahao Street must have driveways built to City and County standards;
- Adequate vehicular sight distance for pedestrians and other vehicles shall be provided and maintained at all driveways;
- Driveway grades shall not exceed five percent for a minimum distance of 25 feet from the back of the designated pedestrian walkway;
- Entry gates and ticket dispensers, if installed, should be recessed as far into the driveway as necessary to avoid any queuing onto public streets; and
- Loading and parking stalls should be designed and configured such that all vehicles maneuvering to and from Waimanu and Kawaiahao Streets are performed front end first.

9. The DEA should note that a Sewer Connection Application (SCA) has been approved for the proposed 153-multi-family unit development and that the project will be liable for payment of the Wastewater System Facility Charge.

Should you have any questions regarding these comments, please contact Harold Senter of our staff at 768-8055.

Very truly yours,



George I. Atta, FAICP
Director

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HAWAII
PLANNING LLC

January 15, 2015

Mr. George I. Atta, FAICP
Director
Department of Planning and Permitting
City and County of Honolulu
650 S. King Street, 7th Floor
Honolulu, HI 96813

Subject: Pre-Consultation - Draft Environmental Assessment (EA)
803 Waimanu – 803 Waimanu Street
TMKs: 2-1-049: 050, 070, & 072

Dear Mr. Atta,

Thank you for your letter dated November 20, 2014 regarding the above-referenced project. The following are our responses to your comments:

1. The DEA will include a discussion of the project's consistency with the Primary Urban Center Development Plan.

2. The DEA will include a discussion of the project's consistency with the guiding principles and objectives of the Draft Kakaako Community Development District Transit-Oriented Development Plan (Chapter 2).

3. The DEA will include discussion of sea level rise using the current information available online.

4. We note the project's consistency with housing development along the rail corridor and the DEA will include discussion of this in relation to TOD principles and objectives.

5. The DEA will include discussion of the project's consistency with Complete Streets policies as set forth in ROH Chapter 14, Article 33.

6. A TIAR was prepared by Parsons Brinckerhoff in December 2013 and will be included in the DEA as an Appendix. The DEA will also include discussion of the TIAR findings.

7. A construction transportation management plan (CMP) will be completed and approved prior to demolition and building permits.

8. The DEA will include discussion on the project's circulation and street frontage improvements, which will be addressed in future construction plans and traffic control plans. These plans will be applied for during the building permit phase of the project.

American Savings Bank Tower • 1001 Bishop Street, Suite 2755 • Honolulu HI 96813 • (808)521-9418 Ext. 1005 • hawaiiplanningllc@gmail.com

9. We note the approved Sewer Connection Application and are aware that the project will be required to pay a Wastewater System Facility Charge.

A copy of the Draft EA will be provided to the Department of Planning and Permitting. We appreciate your participation in this process.

Sincerely,

Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

BOARD OF WATER SUPPLY

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

November 19, 2014

KIRK CALDWELL, MAYOR

DUANE R. MIYASHIRO, Chair
ADAM C. WONG, Vice Chair
MAHEALANI CYPHER
THERESIA C. McMURDO
DAVID C. HULIHEE

ROSS S. SASAMURA, Ex-Officio
ROSS M. HIGASHI, Ex-Officio

ERNEST Y. W. LAU, P.E.
Manager and Chief Engineer

ELLEN E. KITAMURA, P.E.
Deputy Manager and Chief Engineer

Mr. Dennis Silva, Jr., AICP
Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, Hawaii 96813

Dear Mr. Silva:

Subject: Your Letter Dated October 22, 2014 on the Draft Environmental Assessment Pre-Assessment Consultation for 803 Waimanu, 303 Waimanu Street – Tax Map Key: 2-1-009: 050, 070 & 072

Thank you for the opportunity to comment on the proposed 153-unit residential development.

The existing water system is adequate to accommodate the proposed development. However, please be advised that this information is based upon current data, and therefore, the Board of Water Supply reserves the right to change any position or information stated herein up until the final approval of the building permit application. The final decision on the availability of water will be confirmed when the building permit application is submitted for approval.

When water is made available, the applicant will be required to pay our Water System Facilities Charges for resource development, transmission and daily storage.

Water conservation measures are required for all proposed developments. These measures include low flow plumbing fixtures, utilization of nonpotable water for irrigation using rain catchment and chiller/air handler condensate, cooling tower conductivity meters and water softening recycling systems, drought tolerant plants, xeriscape landscaping, efficient irrigation systems and the use of Water Sense labeled ultra-low-flow water fixtures and toilets.

High-rise buildings with booster pumps will be required to install water hammer arrestors or expansion tanks to reduce pressure spikes and potential main breaks in our water system.

The on-site fire protection requirements should be coordinated with the Fire Prevention Bureau of the Honolulu Fire Department.

If you have any questions, please contact Robert Chun, Project Review Branch of our Water Resources Division at 748-5443.

Very truly yours,

ERNEST Y. W. LAU, P.E.
Manager and Chief Engineer

HAWAII
PLANNING LLC

January 15, 2015

Mr. Ernest Y.W. Lau, P.E.
Manager & Chief Engineer
Board of Water Supply
City and County of Honolulu
630 S. Beretania Street
Honolulu, HI 96843

Subject: Pre-Consultation - Draft Environmental Assessment
803 Waimanu – 803 Waimanu Street
TMKs: 2-1-049: 050, 070, & 072

Dear Mr. Lau,

Thank you for your letter dated November 19, 2014 regarding the above-referenced project. Your letter states that the existing water system is adequate to accommodate the proposed development. We understand that the final decision on the availability of water will be confirmed when the building permit is submitted for approval.

We understand that the Water System Facilities Charge and Installation Charge are not determined until review of construction plans, building plans, and building permit application.

All water conservation requirements will be met.

A copy of the Draft EA will be provided to the Board of Water Supply. We appreciate your participation in this process.

Sincerely,

Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

American Savings Bank Tower • 1001 Bishop Street, Suite 2755 • Honolulu HI 96813 • (808)521-9418 Ext. 1005 • hawaiiplanningllc@gmail.com

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET, 3RD FLOOR
HONOLULU, HAWAII 96813
Phone: (808) 768-8305 • Fax: (808) 768-4730 • Internet: www.honolulu.gov

KIRK CALDWELL
MAYOR

MICHAEL D. FORMBY
DIRECTOR

MARK N. GARRITY, AICP
DEPUTY DIRECTOR

TP10/14-585975R

November 17, 2014

Mr. Dennis Silva, Jr., AICP
Principal
Hawaii Planning LLC
American Saving Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, Hawaii 96813

Dear Mr. Silva:

SUBJECT: Pre-Consultation for Draft Environmental Assessment (DEA)
803 Waimanu - 803 Waimanu Street; Tax Map Key: 2-1-049: 050, 070, & 072, Honolulu, Oahu, Hawaii

In response to your letter dated October 22, 2014, we have the following comments:

1. The City supports the construction of affordable housing and mixed use development in Kakaako. The design of the project should be consistent with the City's Complete Streets ordinance and include features to encourage walking, bicycling and use of transit. For example, secure bicycle parking for residents and temporary bicycle parking for guests should be incorporated into the project.

2. The Ala Moana/Kakaako Neighborhood Board No. 11, as well as the area residents, businesses, etc., should be kept apprised of the details of the proposed project and the impacts, particularly during construction, the project may have on the adjoining local street area network.

3. A street usage permit from the City's Department of Transportation Services shall be obtained for any construction-related work that may require the temporary closure of any traffic lane on a City street.

4. Any construction materials and equipment should be transferred to and from the project site during off-peak traffic hours (8:30 a.m. to 3:30 p.m.) to minimize any possible disruption to traffic on the local streets.

We reserve further comment pending submission of the DEA.

Thank you for the opportunity to review this matter. Should you have any further questions, please contact Michael Murphy of my staff at 768-8359.

Very truly yours,

Michael D. Formby
Director

HAWAII
PLANNING LLC

January 15, 2015

Mr. Michael D. Formby
Director
Department of Transportation Services
City and County of Honolulu
650 S. King Street, 3rd Floor
Honolulu, HI 96813

Subject: Pre-Consultation - Draft Environmental Assessment (EA)
803 Waimanu – 803 Waimanu Street
TMKs: 2-1-049: 050, 070, & 072

Dear Mr. Formby,

Thank you for your letter dated November 17, 2014 regarding the above-referenced project. The following are our responses to your comments:

1. The DEA will include a discussion of the project's consistency with the City's Complete Streets Ordinance.

2. The project was presented to the Ala Moana/Kakaako Neighborhood Board No.11 during the development application and approval through the Hawaii Community Development Authority application process.

3. We note that a Street Usage Permit is required for construction work that requires the closure of any traffic lane on a City Street.

4. The transfer of construction materials and equipment will be delivered to and from the project site during off-peak traffic hours (8:30 a.m. to 3:30 p.m.).

A copy of the Draft EA will be provided to the Department of Transportation Services. We appreciate your participation in this process.

Sincerely,

Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

American Savings Bank Tower • 1001 Bishop Street, Suite 2755 • Honolulu HI 96813 • (808)521-9418 Ext. 1005 • hawaiiplanningllc@gmail.com

DAVID Y. IGE
GOVERNOR

KATHRYN S. MATAYOSHI
SUPERINTENDENT

STATE OF HAWAI`I
DEPARTMENT OF EDUCATION
P.O. BOX 2360
HONOLULU, HAWAI`I 96804

OFFICE OF SCHOOL FACILITIES AND SUPPORT SERVICES

April 21, 2015

Mr. Dennis Silva
Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2765
Honolulu, Hawaii 96813

Re: Pre-Assessment Consultation for Draft Environmental Assessment
803 Waimanu Street, Honolulu, Hawaii 96813, Tax Map Keys: 2-1-049:050, 070 & 072

Dear Mr. Silva:

The Department of Education (DOE) appreciates this opportunity to comment on the Draft Environmental Assessment for the project referenced above. As noted in your letter dated October 22, 2014, this project proposes a total of 153 residential units of various sizes and unit types. The DOE expects that this project will have an impact on public school facilities in the area.

As authorized under state law, the DOE is in various stages of implementing school impact fee districts. Should this project fall within an approved school impact fee district, it would be subject to the district's impact fees.

Should you have any questions, please contact me at 377-8301.

Respectfully,

Kenneth G. Masden II
Public Works Manager
Planning Section

KGM:jmb

c: Ruth Silberstein, CAS, Kaimuki/McKinley/Roosevelt Complex Area

HAWAII
PLANNING LLC

April 25, 2015

Mr. Kenneth G. Masden II
Public Works Manager, Planning Section
State of Hawai'i
Department of Education
Facilities Development Branch
P.O. Box 2360
Honolulu, HI 96804

ATTN: Ms. Heidi Meeker

Subject: Pre-Consultation - Draft Environmental Assessment
803 Waimanu – 803 Waimanu Street
TMK: 2-1-049: 050, 070, and 072

Dear Mr. Masden,

Thank you for your letter dated April 21, 2015 regarding the above-referenced project. Your comments will be incorporated into the Draft EA. We understand that this project will have an impact on public school facilities in the area and look forward to your enrollment projections and additional information during the Draft EA public comment period.

A copy of the Draft EA will be provided to the Planning Section, Department of Education.

We appreciate your participation in this process.

Sincerely,

Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

American Savings Bank Tower • 1001 Bishop Street, Suite 2755 • Honolulu HI 96813 • (808)521-9418 Ext. 1005 • hawaiiplanningllc@gmail.com

Appendix G

Sewer Connection Application Approval

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET * HONOLULU, HAWAII 96813
Phone: (808) 768-8209 * Fax: (808) 768-4210

SEWER CONNECTION APPLICATION

APPLICATION NO.: **2013/SCA-0848** STATUS: **Approved with conditions**

$648,490.50 Estimated Wastewater System Facility Charge*

DATE RECEIVED: **11/05/2013** IWDP APP. NO.:

PROJECT NAME: **2013/SCA-0848 153 MFD at 803 Waimanu Street**

LOCATION:

Zone	Section	Plat	Parcel		
2	1	049	050	803 WAIMANU ST Honolulu / Down	10,062 Sq. Ft.
2	1	049	070	764 KAWAIAHAO ST Honolulu / Do	5,191 Sq. Ft.
2	1	049	072	802 KAWAIAHAO ST Honolulu / Do	5,939 Sq. Ft.

SPECIFIC LOCATION: **803 Waimanu Street**

APPLICANT: **MEDOSI, Fabrizio**
810 Richards St Suite 350
Honolulu, Hawaii 96813

DEVELOPMENT TYPE: **Dwelling, Multi-family** SEWER CONNECTION WORK DESIRED: **Existing**

OTHER USES:

NON-RESIDENTIAL AREA: s.f. APPROXIMATE DATE OF CONNECTION: **09/30/2014**

PROPOSED UNITS		EXISTING UNITS		UNITS TO BE DEMOLISHED	
No. of New Units:	**153**	No. of Existing Units:	**0**	No. of Units to be Demolished:	**0**
Studios:	**123**	Studios:		Studios:	
1-Bedroom:	**29**	1-Bedroom:		1-Bedroom:	
2-Bedroom:	**1**	2-Bedroom:		2-Bedroom:	
3-Bedroom:		3-Bedroom:		3-Bedroom:	
4-Bedroom:		4-Bedroom:		4-Bedroom:	
5-Bedroom:		5-Bedroom:		5-Bedroom:	
6-Bedroom:		6-Bedroom:		6-Bedroom:	

REMARKS **Connect to existing 8-inch sewer line on Kawaiahao Street.**

APPROVAL DATE: **05/02/2014**

EXPIRATION DATE: **05/01/2016**

Valid 2-years after approval date. Construction plans shall be completed and approved within this 2-year period. Construction shall commence within 1-year after approval of plans.
** Applicable WSFC shall be collected at the prevailing rate in accordance with ROH 1990, Chapter 14, Sections 14-10.3, 14-10.4, 14-10.5 and Appendix 14-D.*

REVIEWED BY: ***Tessa Ching***

Tessa Ching
Site Development Division, Wastewater Branch

ExternalID: **050973068-001** JobId: **50973068**

Initial Print Date: Friday May 2, 2014 11:06 am

Appendix H

State Prevailing Wage Requirements and Minimum Wages by Occupation

Requirements of Chapter 104, HRS
Wages and Hours of Employees on Public Works Law

Chapter 104, HRS, applies to every public works construction project over $2,000, regardless of the method of procurement or financing (purchase order, voucher, bid, contract, lease arrangement, warranty).

Rate of Wages for Laborers and Mechanics

- Minimum prevailing wages (basic hourly rate plus fringe benefits), as determined by the Director of Labor and Industrial Relations and published in wage rate schedules, shall be paid to the various classes of laborers and mechanics working on the job site. [§104-2(a), (b), Hawaii Revised Statutes (HRS)]

- If the Director of Labor determines that prevailing wages have increased during the performance of a public works contract, the rate of pay of laborers and mechanics shall be raised accordingly. [§104-2(a) and (b), HRS; §12-22-3(d) Hawaii Administrative Rules (HAR)]

Overtime

- Laborers and mechanics working on a Saturday, Sunday, or a legal holiday of the State or more than eight hours a day on any other day shall be paid overtime compensation at one and one-half times the basic hourly rate plus the cost of fringe benefits for all hours worked. [§§104-1(5), 104-2(c), HRS]

Weekly Pay

- Laborers and mechanics employed on the job site shall be paid their full wages at least once a week, without deduction or rebate, except for legal deductions, within five working days after the cutoff date. [§104-2(d), HRS]

Posting of Wage Rate Schedules

- Wage rate schedules shall be posted by the contractor in a prominent and easily accessible place at the job site. A copy of the entire wage rate schedule shall be given to each laborer and mechanic employed under the contract, except when the employee is covered by a collective bargaining agreement. [§104-2(d), HRS]

Withholding of Accrued Payments

- If necessary, the contracting agency may withhold accrued payments to the contractor to pay to laborers and mechanics employed by the contractor or subcontractor on the job site any difference between the wages required by the public works contract or specifications and the wages received. [§104-2(e), HRS]

Certified Weekly Payrolls and Payroll Records

- A certified copy of all payrolls shall be submitted weekly to the contracting agency.

- The contractor is responsible for the submission of certified copies of the payrolls of all subcontractors. The certification shall affirm that the payrolls are correct and complete, that the wage rates listed are not less than the applicable rates contained in the applicable wage rate schedule, and that the classifications for each laborer or mechanic conform with the work the laborer or mechanic performed. [§104-3(a), HRS]

- Payroll records shall be maintained by the contractor and subcontractors for three years after completion of construction. The records shall contain:
  - the name and home address of each employee
  - the employee's correct classification
  - rate of pay (basic hourly rate + fringe benefits)
  - daily and weekly hours worked
  - weekly straight time and overtime earnings
  - amount and type of deductions
  - actual wages paid
  - date of payment

- Records shall be made available for inspection by the contracting agency, the Department of Labor and Industrial Relations, and any of its authorized representatives, who may also interview employees during working hours on the job. [§104-3(b), HRS]

Termination of Work on Failure to Pay Wages

- If the contracting agency finds that any laborer or mechanic employed on the job site by the contractor or any subcontractor has not been paid prevailing wages or overtime, the contracting agency may, by written notice to the contractor, terminate the contractor's or subcontractor's right to proceed with the work or with the part of the work in which the required wages or overtime compensation have not been paid. The contracting agency may complete this work by contract or otherwise, and the contractor or contractor's sureties shall be liable to the contracting agency for any excess costs incurred. [§104-4, HRS]

Apprentices and Trainees

- In order to be paid apprentice or trainee rates, apprentices and trainees must be parties to an agreement either registered with or recognized as a USDOL nationally approved apprenticeship program by the Department of Labor and Industrial Relations, Workforce Development Division. [§12-22-6(1), HAR]

- The number of apprentices or trainees on any public work in relation to the number of journeyworkers in the same craft classification as the apprentices or trainees employed by the same employer on the same public work may not exceed the ratio allowed under the apprenticeship or trainee standards registered with or recognized by the Department of Labor and Industrial Relations. A registered or recognized apprentice receiving the journeyworker rate will not be considered a journeyworker for the purpose of meeting the ratio requirement. [§12-22-6(2), HAR]

Enforcement

- To ensure compliance with the law, DLIR and the contracting agency will conduct investigations of contractors and subcontractors. If a contractor or subcontractor violates the law, the penalties are:

  - First Violation — Equal to 10% of back wages found due or $25 per offense, whichever is greater.
  - Second Violation — Equal to amount of back wages found due or $100 for each offense, whichever is greater.
  - Third Violation — Equal to two times the amount of back wages found due or $200 for each offense, whichever is greater; and
    Suspension from doing any new work on any public work of a governmental contracting agency for three years.

  - A violation would be deemed a second violation if it occurs within two years of the **first notification of violation**, and a third violation if it occurs within two years of **the second notification of violation**.

  - Suspension. For a first or second violation, the department shall immediately suspend a contractor who fails to pay wages or penalties until all wages and penalties are paid in full. For a third violation, the department shall penalize and suspend the contractor as described above, **except that if the contractor continues to violate the law, then the department shall immediately suspend the contractor for a mandatory three years. The contractor shall remain suspended until all wages and penalties are paid in full.** [§§104-24, 104-25]

- Any contractor who fails to make payroll records accessible or provide requested information within 10 days, or fails to keep or falsifies any required record, shall be assessed a penalty as provided in Section 104-22(b), HRS. [§104-3(c)]

- If any contractor interferes with or delays any investigation, the contracting agency shall withhold further payments until the delay has ceased. Interference or delay includes failure to provide requested records or information within ten days, failure to allow employees to be interviewed during working hours on the job, and falsification of payroll records. The department shall assess a penalty of $1,000 per project, and $100 per day thereafter, for interference or delay. [§104-22(b)]

- Failure by the contracting agency to include in the provisions of the contract or specifications the requirements of Chapter 104, HRS, relating to coverage and the payment of prevailing wages and overtime, is not a defense of the contractor or subcontractor for noncompliance with the requirements of this chapter. [§104-2(f)]

For additional information, visit the department's website at *http://dlir.state.hi.us/*
or contact any of the following DLIR offices:

Oahu (Wage Standards Division)	586-8777
Maui	243-5322
Hilo	974-6464
West Hawaii	322-4808
Kauai	274-3351

Exhibit 1

2/16/15

State of Hawai'i
DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS
Princess Ruth Ke'elikolani Building
830 Punchbowl Street
Honolulu, Hawai'i 96813

February 16, 2015
WAGE RATE SCHEDULE BULLETIN NO. 485

This schedule of wage rates contained herein is recognized by the Director of Labor and Industrial Relations to be prevailing on public construction work for the purposes of Chapter 104, Hawai'i Revised Statutes. The schedule of wage rates determines the applicable wage determination for each classification and does not impose any staffing requirements for any classification. The schedule of wage rates is applicable only to those laborers and mechanics employed at the site of work.

As required by law, future wage rates for laborers and mechanics are incorporated into this bulletin based on available information and are subject to change. Whenever the Director determines that the prevailing wage has increased as shown in the wage rate schedule, the contractor must increase the wages accordingly during the performance of the contract. For addenda or additional wage rate schedules, please consult the Internet at http://labor.hawaii.gov/rs.

The Apprentice Schedule is available on the Internet or upon request from the Research and Statistics Office. Pursuant to Section 12-22-6 (1), Hawai'i Administrative Rules, the Apprentice Schedule is applicable only to apprentices who are parties to apprenticeship agreements registered with or recognized by the Department of Labor and Industrial Relations.

Questions on the schedule should be referred to the Research and Statistics Office at (808) 586-9019.

The next regular schedule will be issued on or about September 15, 2015.

ELAINE N. YOUNG
Acting Director

STATE OF HAWAI'I
DAVID Y. IGE, Governor

DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS
ELAINE N. YOUNG, Acting Director

RESEARCH AND STATISTICS OFFICE
PHYLLIS DAYAO, Research & Statistics Officer

OPERATIONS MANAGEMENT INFORMATION STAFF
Janet Kaya, Supervisor

In cooperation with:
WAGE STANDARDS DIVISION
PAMELA MARTIN, Administrator

WAGE RATE SCHEDULE BULLETIN NO. 485

Classification	Current			2015			2016			2017			
	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Remarks See Pg 6-7
ASPHALT PAVING GROUP:	**9/15/14**												
Asphalt Concrete Material Transfer	$67.39	$38.42	$28.97	-	-	-	-	-	-	-	-	-	
Asphalt Raker	$66.43	$37.46	$28.97	-	-	-	-	-	-	-	-	-	
Asphalt Spreader Operator	$67.91	$38.94	$28.97	-	-	-	-	-	-	-	-	-	
Laborer, Hand Roller	$63.66	$34.69	$28.97	-	-	-	-	-	-	-	-	-	
Roller Operator (5 tons and under)	$66.16	$37.19	$28.97	-	-	-	-	-	-	-	-	-	
Roller Operator (over 5 tons)	$67.59	$38.62	$28.97	-	-	-	-	-	-	-	-	-	
Screed Person	$67.39	$38.42	$28.97	-	-	-	-	-	-	-	-	-	
EQUIPMENT OPERATOR:													
Combination Loader/Backhoe (over 3/4 cu. yd.)	$66.43	$37.46	$28.97	-	-	-	-	-	-	-	-	-	
Combination Loader/Backhoe (up to 3/4 cu. yd.)	$65.45	$36.48	$28.97	-	-	-	-	-	-	-	-	-	
Concrete saws and/or Grinder (self-propelled unit on streets, highways, airports and canals)	$67.39	$38.42	$28.97	-	-	-	-	-	-	-	-	-	
Grader, Soil Stabilizer, Cold Planer	$68.22	$39.25	$28.97	-	-	-	-	-	-	-	-	-	
Loader (2-1/2 cu. yds. and under)	$67.39	$38.42	$28.97	-	-	-	-	-	-	-	-	-	
Loader (over 2-1/2 cu. yds. to and including 5 cu. yds.)	$67.71	$38.74	$28.97	-	-	-	-	-	-	-	-	-	
TRUCK DRIVER:													
Assistant to Engineer	$66.16	$37.19	$28.97	-	-	-	-	-	-	-	-	-	
Oil Tanker (double), Hot Liquid Asphalt Tanker	$67.71	$38.74	$28.97	-	-	-	-	-	-	-	-	-	
Semi-Trailer, Semi-Dump, Asphalt Distributor	$67.39	$38.42	$28.97	-	-	-	-	-	-	-	-	-	
Slip-in or Pup	$67.71	$38.74	$28.97	-	-	-	-	-	-	-	-	-	
Single or Rock Cans Tandem Dump Truck (8 cu. yds. & under, water level)	$66.43	$37.46	$28.97	-	-	-	-	-	-	-	-	-	
Single or Rock Cans Tandem Dump Truck (over 8 cu. yds., water level)	$66.74	$37.77	$28.97	-	-	-	-	-	-	-	-	-	
Tractor Trailer (hauling equipment)	$67.82	$38.85	$28.97	-	-	-	-	-	-	-	-	-	
Utility, Flatbed	$66.16	$37.19	$28.97	-	-	-	-	-	-	-	-	-	
* **BOILERMAKER**	**2/16/15**												
	$63.63	$34.18	$29.45	-	-	-	-	-	-	-	-	-	
CARPENTER:	**9/15/14**												
Carpenter; Patent Scaffold Erector (Over 14 feet); Piledriver; Pneumatic Nailer	$62.96	$42.25	$20.71	-	-	-	-	-	-	-	-	-	1
Millwright	$63.21	$42.50	$20.71	-	-	-	-	-	-	-	-	-	1
Power Saw Operator (2 h.p. & above)	$63.11	$42.40	$20.71	-	-	-	-	-	-	-	-	-	1
* **CEMENT FINISHER: (Note: 2 Increases in 2015)**	**2/16/15**			**8/31/15**			**8/29/16**			**9/4/17**			
Cement Finisher; Curb Setter; Precast Panel Setter; Manhole Builder	$61.82	$37.30	$24.52	$63.48	$37.90	$25.58	$65.09	$38.50	$26.59	$66.73	$39.10	$27.63	2,12
Trowel Machine Operator	$61.97	$37.45	$24.52	$63.63	$38.05	$25.58	$65.24	$38.65	$26.59	$66.88	$39.25	$27.63	2,12
* **CHAIN-LINK FENCE ERECTOR**	**10/1/14**			**10/5/15**			**10/3/16**			**10/2/17**			
	$30.55	$19.00	$11.55	$32.40	$20.10	$12.30	$34.45	$21.30	$13.15	$36.55	$22.60	$13.95	10
CHLORINATOR	**9/15/14**												
	$25.42	$23.00	$2.42	-	-	-	-	-	-	-	-	-	

WAGE RATE SCHEDULE BULLETIN NO. 485

Classification	Current			2015			2016			2017			
	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Remarks See Pg 6-7
DIVER:	9/15/14												
Diver (Aqua Lung) (Scuba) - Up to a depth of 30 feet	$80.54	$52.13	$28.41	-	-	-	-	-	-	-	-	-	
Diver (Aqua Lung) (Scuba) - Over a depth of 30 feet	$89.91	$61.50	$28.41	-	-	-	-	-	-	-	-	-	
Stand-By Diver (Aqua Lung) (Scuba)	$71.16	$42.75	$28.41	-	-	-	-	-	-	-	-	-	
Diver (Other than Aqua Lung)	$89.91	$61.50	$28.41	-	-	-	-	-	-	-	-	-	3
Stand-By Diver (Other than Aqua Lung)	$71.16	$42.75	$28.41	-	-	-	-	-	-	-	-	-	3
Tender (Other than Aqua Lung)	$68.13	$39.72	$28.41	-	-	-	-	-	-	-	-	-	
DRAPERY INSTALLER	9/15/14												
	$22.59	$19.58	$3.01	-	-	-	-	-	-	-	-	-	
DRYWALL INSTALLER	9/15/14												
	$63.21	$42.50	$20.71	-	-	-	-	-	-	-	-	-	
ELECTRICIAN: (Note: 2 increases in 2015)	8/24/14			2/22/15			2/21/16						
Cable Splicer (inside/outside)	$74.27	$46.53	$27.74	$75.03	$46.92	$28.11	$76.65	$47.74	$28.91	-	-	-	4
Ground Worker (outside)	$54.94	$31.73	$23.21	$55.53	$31.99	$23.54	$56.82	$32.55	$24.27	-	-	-	4
Heavy Equipment Operator (outside)	$63.22	$38.07	$25.15	$63.89	$38.39	$25.50	$65.31	$39.06	$26.25	-	-	-	4
Line Installer (outside); Wire Installer (inside)	$68.75	$42.30	$26.45	$69.46	$42.65	$26.81	$70.98	$43.40	$27.58	-	-	-	4
Technician (inside/outside)	$70.40	$43.57	$26.83	$71.13	$43.93	$27.20	$72.88	$44.70	$27.98	-	-	-	4
				8/23/15									
Cable Splicer (inside/outside)	-	-	-	$75.89	$47.36	$28.53	-	-	-	-	-	-	4
Ground Worker (outside)	-	-	-	$56.22	$32.29	$23.93	-	-	-	-	-	-	4
Heavy Equipment Operator (outside)	-	-	-	$64.66	$38.75	$25.91	-	-	-	-	-	-	4
Line Installer (outside); Wire Installer (inside)	-	-	-	$70.27	$43.05	$27.22	-	-	-	-	-	-	4
Technician (inside/outside)	-	-	-	$71.95	$44.34	$27.61	-	-	-	-	-	-	4
Telecommunication Worker	9/1/13												
Licensed Technician	$37.04	$25.60	$11.44	-	-	-	-	-	-	-	-	-	
Technician I / Splicer	$35.63	$24.38	$11.25	-	-	-	-	-	-	-	-	-	
*ELEVATOR CONSTRUCTOR MECHANIC	2/16/15												
	$81.455	$53.07	$28.385	-	-	-	-	-	-	-	-	-	
EQUIPMENT OPERATOR:	9/15/14												
Group 1	$65.85	$37.44	$28.41	-	-	-	-	-	-	-	-	-	5
Group 2	$65.96	$37.55	$28.41	-	-	-	-	-	-	-	-	-	5
Group 3	$66.13	$37.72	$28.41	-	-	-	-	-	-	-	-	-	5
Group 4	$66.40	$37.99	$28.41	-	-	-	-	-	-	-	-	-	5
Group 5	$66.71	$38.30	$28.41	-	-	-	-	-	-	-	-	-	5
Group 6	$67.36	$38.95	$28.41	-	-	-	-	-	-	-	-	-	5
Group 7	$67.68	$39.27	$28.41	-	-	-	-	-	-	-	-	-	5
Group 8	$67.79	$39.38	$28.41	-	-	-	-	-	-	-	-	-	5
Group 9	$67.90	$39.49	$28.41	-	-	-	-	-	-	-	-	-	5
Group 9A	$68.13	$39.72	$28.41	-	-	-	-	-	-	-	-	-	5
Group 10	$68.19	$39.78	$28.41	-	-	-	-	-	-	-	-	-	5
Group 10A	$68.34	$39.93	$28.41	-	-	-	-	-	-	-	-	-	5
Group 11	$68.49	$40.08	$28.41	-	-	-	-	-	-	-	-	-	5
Group 12	$68.85	$40.44	$28.41	-	-	-	-	-	-	-	-	-	5
Group 12A	$69.21	$40.80	$28.41	-	-	-	-	-	-	-	-	-	5

WAGE RATE SCHEDULE BULLETIN NO. 485

Classification	Current			2015			2016			2017			
	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Remarks See Pg 6-7
FENCE ERECTOR (CHAIN-LINK TYPE)													
See Chain-Link Fence Erector	-	-	-	-	-	-	-	-	-	-	-	-	
FLOOR LAYER (CARPET, LINOLEUM & SOFT TILE)	3/2/14			3/1/15									
	$54.40	$30.23	$24.17	$56.90	$31.15	$25.75	-	-	-	-	-	-	
GLAZIER	9/15/14												
	$61.39	$34.10	$27.29	-	-	-	-	-	-	-	-	-	6
HELICOPTER WORK:	9/15/14												
Airborne Hoist Operator	$69.71	$41.30	$28.41	-	-	-	-	-	-	-	-	-	
Co-Pilot	$69.85	$41.44	$28.41	-	-	-	-	-	-	-	-	-	
Pilot	$70.02	$41.61	$28.41	-	-	-	-	-	-	-	-	-	
* **INSULATOR**	9/15/14			8/30/15						9/3/17			
	$62.05	$38.65	$23.40	$62.90	$39.65	$23.25	-	-	-	$64.15	$40.50	$23.65	7,12
IRONWORKER:	9/15/14			9/1/15			9/1/16						
Reinforcing, Structural	$64.76	$35.75	$29.01	$65.76	$36.75	$29.01	$66.76	$37.75	$29.01	-	-	-	8,12
* **LABORER: (Note: 2 Increases in 2015)**	2/16/15			8/31/15			8/29/16			9/4/17			
Driller	$51.01	$34.30	$16.71	$52.86	$35.35	$17.51	$54.76	$36.35	$18.41	$56.06	$37.40	$19.26	1
Gunite Operator or Shotcrete Operator	$50.51	$33.80	$16.71	$52.36	$34.85	$17.51	$54.26	$35.85	$18.41	$56.16	$36.90	$19.26	1
High Scaler (Working Suspended)	$50.51	$33.80	$16.71	$52.36	$34.85	$17.51	$54.26	$35.85	$18.41	$56.16	$36.90	$19.26	
Laborer I	$50.01	$33.30	$16.71	$51.86	$34.35	$17.51	$53.76	$35.35	$18.41	$55.66	$36.40	$19.26	1
Laborer II	$47.41	$30.70	$16.71	$49.26	$31.75	$17.51	$51.16	$32.75	$18.41	$53.06	$33.80	$19.26	1
Light/Final Clean-up (Janitorial) Laborer	$37.24	$24.70	$12.54	$39.09	$25.75	$13.34	$41.04	$26.75	$14.29	$42.94	$27.80	$15.14	1
Mason Tender/Hod Carrier	$50.51	$33.80	$16.71	$52.36	$34.85	$17.51	$54.26	$35.85	$18.41	$56.16	$36.90	$19.26	1
Powder Blaster	$51.01	$34.30	$16.71	$52.86	$35.35	$17.51	$54.76	$36.35	$18.41	$56.66	$37.40	$19.26	1
Window Washer (Outside) (On bosun's chair, cable-suspended scaffold or work platform)	$49.51	$32.80	$16.71	$51.36	$33.85	$17.51	$53.26	$34.85	$18.41	$55.16	$35.90	$19.26	
LANDSCAPER:	9/1/14												
Landscape & Irrigation Laborer A	$33.31	$23.20	$10.11	-	-	-	-	-	-	-	-	-	
Landscape & Irrigation Laborer B	$33.81	$23.70	$10.11	-	-	-	-	-	-	-	-	-	
Landscape & Irrigation Maintenance Laborer	$29.81	$19.70	$10.11	-	-	-	-	-	-	-	-	-	
LATHER	9/15/14												
	$63.21	$42.50	$20.71	-	-	-	-	-	-	-	-	-	
MASON; Bricklayer;	9/16/13												
Cement Blocklayer; Stone Mason; Precast Sill Setter	$60.32	$36.85	$23.47	-	-	-	-	-	-	-	-	-	2
Pointer-Caulker-Weatherproofer	$60.57	$37.10	$23.47	-	-	-	-	-	-	-	-	-	2
* **PAINTER: (Note: 2 Increases in 2015)**	2/16/15			7/1/15			1/1/16						
Painter; Spray Painter; Sandblaster or Waterblaster	$61.15	$34.60	$26.55	$61.40	$34.85	$26.55	$61.80	$34.85	$26.95	-	-	-	12

WAGE RATE SCHEDULE BULLETIN NO. 485

Classification	Current			2015			2016			2017			
	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Remarks See Pg 6-7
*PLASTERER: (Note: 2 Increases In 2015)	2/16/15			8/31/15			8/29/16			9/4/17			
	$62.81	$38.29	$24.52	$64.62	$39.04	$25.58	$66.38	$39.79	$26.59	$68.17	$40.54	$27.63	2,12
*PLUMBER: (Note: 2 Increases per year)	1/4/15			7/5/15			1/3/16			1/1/17			
Plumber; Pipefitter; Refrigeration Fitter; Heating & Air Conditioning Fitter; Sprinkler Fitter; Steamfitter	$63.56	$39.35	$24.21	$64.31	$39.85	$24.46	$65.08	$40.35	$24.73	$66.60	$41.35	$25.25	9
							7/3/16			7/2/17			
Plumber; Pipefitter; Refrigeration Fitter; Heating & Air Conditioning Fitter; Sprinkler Fitter; Steamfitter	-	-	-	-	-	-	$65.83	$40.85	$24.98	$67.35	$41.85	$25.50	9
ROOFER:	9/7/14			9/6/15			9/4/16						
Shingle, Tile, Built-up Roofing	$55.23	$38.10	$17.13	$55.98	$38.85	$17.13	$56.98	$39.85	$17.13	-	-	-	12
Coal Tar Pitch	$93.33	$76.20	$17.13	$94.83	$77.70	$17.13	$96.83	$79.70	$17.13	-	-	-	12
SANDBLASTER OR WATERBLASTER:													
Use wages of craft to which sand or water blasting is incidental.													
SHEETMETAL WORKER	8/31/14												
	$81.80	$38.40	$23.40	-	-	-	-	-	-	-	-	-	
*TAPER	2/16/15						1/1/16			1/1/17			
	$61.50	$41.00	$20.50	-	-	-	$63.05	$41.50	$21.55	$64.75	$42.00	$22.75	
TERMITE TREATER	9/15/14												
	$14.74	$12.00	$2.74	-	-	-	-	-	-	-	-	-	
TERRAZZO:	9/16/13												
Terrazzo Setter	$60.57	$37.10	$23.47	-	-	-	-	-	-	-	-	-	2
Terrazzo Base Grinder	$58.76	$35.29	$23.47	-	-	-	-	-	-	-	-	-	2
Certified Terrazzo Floor Grinder and Tender	$57.21	$33.74	$23.47	-	-	-	-	-	-	-	-	-	2
Terrazzo Floor Grinder	$55.71	$32.24	$23.47	-	-	-	-	-	-	-	-	-	2
TILE SETTER:	9/16/13												
Ceramic Hard Tile; Marble Setter	$60.57	$37.10	$23.47	-	-	-	-	-	-	-	-	-	2
Certified Ceramic Tile & Marble Helper	$57.21	$33.74	$23.47	-	-	-	-	-	-	-	-	-	2
TRUCK DRIVER:	9/15/14												
Concrete Mixer	$34.12	$30.50	$3.62	-	-	-	-	-	-	-	-	-	
Concrete Mixer/Booster	$44.46	$31.23	$13.23	-	-	-	-	-	-	-	-	-	
Dump Truck, 8 cu. yds. & under (water level); Water Truck (up to & including 2,000 gallons)	$66.40	$37.99	$28.41	-	-	-	-	-	-	-	-	-	
Flatbed, Utility, etc.	$66.13	$37.72	$28.41	-	-	-	-	-	-	-	-	-	
End Dump, Unlicensed (Euclid, Mack, Caterpillar, or similar); Tractor Trailer (hauling equipment)	$67.79	$39.38	$28.41	-	-	-	-	-	-	-	-	-	
Semi-Trailer, Rock Cans, or Semi-Dump	$67.36	$38.95	$28.41	-	-	-	-	-	-	-	-	-	
Slip-in or Pup	$67.68	$39.27	$28.41	-	-	-	-	-	-	-	-	-	
Tandem Dump Truck, over 8 cu. yds. (water level); Water Truck (over 2,000 gallons)	$66.71	$38.30	$28.41	-	-	-	-	-	-	-	-	-	

Classification	Current			2015			2016			2017			
	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Prevailing Wage Total	Basic Hourly Rate	Fringe Hourly Rate	Remarks See Pg 6-7
*UNDERGROUND LABORER: (Note: 2 Increases in 2015)	2/16/15			8/31/15			8/29/16			9/4/17			
Worker in a raise, shaft, or tunnel.													
Group 1	$50.61	$33.90	$16.71	$52.46	$34.95	$17.51	$54.36	$35.95	$18.41	$56.26	$37.00	$19.26	
Group 2	$52.11	$35.40	$16.71	$53.96	$36.45	$17.51	$55.86	$37.45	$18.41	$57.76	$38.50	$19.26	
Group 3	$52.61	$35.90	$16.71	$54.46	$36.95	$17.51	$56.36	$37.95	$18.41	$58.26	$39.00	$19.26	
Group 4	$53.61	$36.90	$16.71	$55.46	$37.95	$17.51	$57.36	$38.95	$18.41	$59.26	$40.00	$19.26	
Group 5	$53.86	$37.15	$16.71	$55.71	$38.20	$17.51	$57.61	$39.20	$18.41	$59.51	$40.25	$19.26	
Group 6	$53.96	$37.25	$16.71	$55.81	$38.30	$17.51	$57.71	$39.30	$18.41	$59.61	$40.35	$19.26	
Group 7	$54.21	$37.50	$16.71	$56.06	$38.55	$17.51	$57.96	$39.55	$18.41	$59.86	$40.60	$19.26	
Group 8	$54.66	$37.95	$16.71	$56.51	$39.00	$17.51	$58.41	$40.00	$18.41	$60.31	$41.05	$19.26	
WATER FRONT CONSTRUCTION (DREDGING):	9/15/14												
CLAMSHELL OR DIPPER DREDGES:													
Clamshell or Dipper Operator	$68.85	$40.44	$28.41	-	-	-	-	-	-	-	-	-	11
Mechanic; Welder; Watch Engineer	$68.19	$39.78	$28.41	-	-	-	-	-	-	-	-	-	
Deckmate; Bargemate	$67.79	$39.38	$28.41	-	-	-	-	-	-	-	-	-	
Fire Person; Oiler; Deckhand; Barge Worker	$66.13	$37.72	$28.41	-	-	-	-	-	-	-	-	-	
HYDRAULIC SUCTION DREDGES:													
Lever Operator	$68.49	$40.08	$28.41	-	-	-	-	-	-	-	-	-	
Mechanic; Welder	$68.19	$39.78	$28.41	-	-	-	-	-	-	-	-	-	
Watch Engineer (steam or electric)	$68.34	$39.93	$28.41	-	-	-	-	-	-	-	-	-	
Dozer Operator	$68.13	$39.72	$28.41	-	-	-	-	-	-	-	-	-	
Deckmate	$67.79	$39.38	$28.41	-	-	-	-	-	-	-	-	-	
Winch Operator (stern winch on dredge)	$67.68	$39.27	$28.41	-	-	-	-	-	-	-	-	-	
Fire Person; Oiler; Deckhand (can operate anchor scow under direction of deckmate); Levee Operator	$66.13	$37.72	$28.41	-	-	-	-	-	-	-	-	-	
DERRICKS:													
Operator: Derrick, Piledriver, Crane	$68.85	$40.44	$28.41	-	-	-	-	-	-	-	-	-	
Deckmate; Saurman Type Dragline (up to & including 5 yds.)	$67.79	$39.38	$28.41	-	-	-	-	-	-	-	-	-	
Saurman Type Dragline (over 5 cu. yds.)	$68.19	$39.78	$28.41	-	-	-	-	-	-	-	-	-	
Fire Person; Oiler; Deckhand	$66.13	$37.72	$28.41	-	-	-	-	-	-	-	-	-	
BOAT OPERATORS:													
Master Boat Operator	$68.49	$40.08	$28.41	-	-	-	-	-	-	-	-	-	
Boat Operator	$68.34	$39.93	$28.41	-	-	-	-	-	-	-	-	-	
Boat Deckhand	$66.13	$37.72	$28.41	-	-	-	-	-	-	-	-	-	
WATER WELL DRILLER:	9/15/14												
Water Well Driller	$36.48	$31.00	$5.48	-	-	-	-	-	-	-	-	-	
Water Well Driller Helper	$20.88	$16.00	$4.88	-	-	-	-	-	-	-	-	-	
WELDER:													
Use wages of craft to which welding is incidental, except for Chain-Link Fence Erector. See remark.													10

Comments: Overtime must be paid at one and one-half times the basic hourly rate plus the hourly cost of required fringe benefits.
*** Indicates a wage, fringe benefit, remark, or title change from the previous bulletin.**

REMARKS

1. Carpenter, Laborer (excluding High Scaler, Window Washer): $.50 per hour shall be added to the regular straight-time rate for height pay for each hour while working from a bosun's chair and/or from a cable-suspended scaffold or work platform which is free swinging (not attached to building) for each hour worked on said rig.

2. Cement Finisher, Mason, Plasterer, Terrazzo, Tile Setter: $1.00 per hour shall be added to the regular straight-time rate for height pay for each hour while working from a bosun's chair and/or from a cable-suspended scaffold or work platform which is free swinging (not attached to building) for each hour worked on said rig.

3. Diver (Other than Aqua Lung), Stand-By Diver (Other than Aqua Lung):

   A. On any dive exceeding 50 feet, the diver shall, in addition, be paid the following amount of "depth money":

50 feet to 100 feet	$1.50 per foot in excess of 50 feet
100 feet to 150 feet	$100.00 plus $2.00 per foot in excess of 100 feet
150 feet to 200 feet	$200.00 plus $3.00 per foot in excess of 150 feet

   B. When it is necessary for a Diver to enter any pipe, tunnel or other enclosure, the said Diver shall, in addition to the hourly rate, receive a premium in accordance with the following schedule for distance traveled from the entrance of the pipe, tunnel or other enclosure:

      1) When able to stand erect, but in which there is no vertical ascent:

5 feet to 50 feet	$5.00 per day
50 feet to 100 feet	$7.50 per day
100 feet to 150 feet	$12.50 per day
Greater than 150 feet	The premium shall be increased an additional $7.50 for each succeeding 50 feet.

      2) When unable to stand erect and in which there is no vertical ascent:

5 feet to 50 feet	$5.00 per day
50 feet to 100 feet	$7.50 per day
100 feet to 150 feet	$12.50 per day
150 feet to 200 feet	$36.75 per day
200 feet to 300 feet	$1.00 per foot
300 feet to 450 feet	$1.50 per foot
450 feet to 600 feet	$2.50 per foot

4. Electrician:

   A. One and one-half times the straight-time rate while working in a tunnel under construction; under water with aqualung equipment; in a completed tunnel which has only one entrance or exit providing access to safety and where no other personnel are working; or in an underground structure having no access to safety or where no other personnel are working.

   B. Double the straight-time rate shall be paid for the following types of hazardous work regardless if fall prevention devices are used:

      1) While working from poles, trusses, stacks, towers, tanks, bosun's chairs, swinging or rolling scaffolds, supporting structures, and open platforms, over 70 feet from the ground where the employee is subject to a free fall; provided, however, that when work is performed on stacks, towers or permanent platforms where the employees are on a firm footing within an enclosure, a hazardous condition does not exist regardless of height;
      2) While working outside of a railing or enclosure, or temporary platforms extending outside of a building, or from scaffolding or ladder within an enclosure where an employee's footing is within one foot of the top of such railing, and the employee is subject to a free fall of over 70 feet;
      3) Working on buildings while leaning over the railing or edge of the building, and is subject to a free fall of 70 feet; or
      4) Two hours minimum hazardous pay per day shall be paid while climbing to a stack, tower or permanent platform which exceeds 70 feet from the ground but where the employee is on a firm footing within an enclosure.

   C. Five percent per hour shall be added to the hourly wage for height pay while working above 9,000 feet elevation.

REMARKS

5. Equipment Operator:

A. Operators and Assistants to Engineer (climbing a boom) of cranes (under 50 tons) with booms of eighty feet or more (including jib) or of cranes (under 50 tons) with leads of one hundred feet or more, shall receive additional premium according to the following schedule:

	Per Hour
Booms of 80 feet up to, or leads of 100 feet up to, but not including 130 feet	$0.50
Booms and/or leads of 130 feet up to, but not including 180 feet	$0.75
Booms and/or leads of 180 feet up to and including 250 feet	$1.15
Booms and/or leads over 250 feet	$1.50

Operators and Assistants to Engineer (climbing a boom) of cranes (50 tons and over) with booms of 180 feet or more (including jib) shall receive additional premium according to the following schedule:

	Per Hour
Booms of 180 feet up to and including 250 feet	$1.25
Booms over 250 feet	$1.75

Note: The boom shall be measured from the center of the heel pin to the center of the boom or jib point sheave.

B. $1.25 per hour shall be added to the hourly wage while operating a rig suspended by ropes or cables or to perform work on a Yo-Yo Cat.

C. In a raise or shaft, a premium of $.40 per hour will be paid in addition to the regular straight time wage.
A raise is defined to be an underground excavation (lined or unlined) whose length exceeds its width and the inclination of the grade from the excavation is greater than 20 degrees from the horizontal.
A shaft is defined to be an excavation (lined or unlined) made from the surface of the earth, generally vertical in nature, but may decline up to 75 degrees from the vertical, and whose depth is greater than 15 feet and its largest horizontal dimension. Includes an underground silo.

D. In a tunnel, a premium of $.30 per hour will be paid in addition to the regular straight time wages.
A tunnel is defined to be an underground excavation (lined or unlined) whose length exceeds its width and the inclination of the grade from the excavation is no greater than 20 degrees from the horizontal.

6. Glazier: Effective 9/16/13 - $1.00 per hour shall be added to the hourly wage for height pay for exterior glazing work performed in a walking/working surface with an unprotected side or edge 10 feet or more above a lower level which requires protection from fall hazards by guardrail systems, safety net systems, personal fall arrest systems, position devise systems, fall restraint systems, perimeter safety cables or controlled decking zones.

7. Insulator: Six percent per hour shall be added to the hourly wage for hazardous pay while working from a boatswain chair, staging or free standing scaffolding erected from the ground up or mezzanine floor subject to a free fall and skyclimber suspended from a permanent structure and when working above 40 feet.

8. Ironworker: $.50 per hour shall be added to the hourly wage while working in tunnels or coffer dams. $1.00 per hour shall be added to the hourly wage while working under or covered with water (submerged), or on the summits of Mauna Kea, Mauna Loa or Haleakala.

9. Plumber: One and one-half times the straight-time rate for height pay while working from OSHA approved trusses, stacks, towers, tanks, bosun's chair, swinging or rolling scaffolding, supporting structures or on open platforms where the employee is subject to a direct fall of 40 feet or more. Provided, however, that when said work is performed where the employee is on a firm footing within an enclosure, a hazardous condition does not exist regardless of height. $1.00 per hour shall be added to the straight-time rate while working with flame cutting or any type of welding equipment on any galvanized material or product for at least an hour.

10. Chain-Link Fence Erector: $1.00 per hour shall be added to the hourly wage while performing welding services.

11. Water Front Construction: Clamshell or Dipper Operator: $.50 per hour shall be added to the straight-time rate while working with boom (including jib) over 130 feet.

12. Possible wage/fringe option increases:
Cement Finisher, Plasterer: Effective WRS 486 - $0.25; 8/29/16 - $0.55; 9/4/17 - $0.85
Insulator: Effective WRS 486 - $0.25; 9/3/17 - $0.25
Ironworker: Effective WRS 486 - $0.90; 9/1/16 - $1.00
Painter: Effective WRS 486 - $0.50; 1/1/16 - $0.75
Roofer: Effective WRS 486 - $0.40; 9/4/16 - $0.40

Appendix I

Draft Environmental Assessment Comment and Response Letters and Letter of Support

Hirai, Peter J.S. Tue, Jun 16 8:46 AM
to 'hawaiiplanningllc@gmail.com'
cc Epenesa, Karen

Review of your two projects

Dear Hawaii Planning LLC:

I have reviewed your Draft Environmental Assessment for the following:
1. Kapolei Mixed Use Development, TMK 9-1-088: 021
2. 803 Waimanu, TMK 2-1-049: 050, 070, & 072

The Department of Emergency Management requests two things in planning these developments:
1. Ensure there is enough audio coverage from the Outdoor Warning Siren System by working with Mr. Harold Buckle of our office; contact is hbuckle@honolulu.gov or 808-723-8955
2. Considering an on-site "Safe Room" that is protected against hurricanes—if outside the tsunami evacuation zone—so that residents and their guests can shelter during a hurricane and not have to evacuate to a public shelter.

Thank you for allowing us to comment on the projects.

Sincerely,

Peter J.S. Hirai, MSS, CEM®
Deputy Director
Department of Emergency Management
650 South King Street
Honolulu, Hawaii 96813-3078
Voice: (808) 723-8960 Fax: (808) 768-1458

Follow DEM—
On the World Wide Web: www.OahuDEM.org
On Facebook: www.facebook.com/OahuDEM
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Sign up for free alerts to your cell phone at www.nixle.com/DEM, provided by the City & County of Honolulu

September 4, 2015

Peter J.S. Hirai, MSS, CEM®
Deputy Director Department of Emergency Management
650 South King Street
Honolulu, Hawaii 96813-3078

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Hirai:

Thank you for your email dated June 16, 2015 regarding the 803 Waimanu (Project). We acknowledge your comments on ensuring enough audio coverage from the Outdoor Warning Siren System and consideration of an onsite "safe room." As illustrated in Figure 5a – Tsunami Inundation Zone, the Project is not located in an area vulnerable to tsunami inundation.

Thank you for your comments. Your comment letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

DAVID Y. IGE
GOVERNOR OF HAWAII

VIRGINIA PRESSLER, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

EPO 15-129

June 17, 2015

Mr. Dennis Silva, Jr., AICP
Principal
Hawaii Planning, LLC
7 Waterfront Plaza
500 Ala Moana Boulevard, Suite 400
Honolulu, Hawaii 96813
Via email: hawaiiplanningllc@gmail.com

Dear Mr. Silva:

SUBJECT: Draft Environmental Assessment (DEA) for 803 Waimanu – Kakaako, Oahu
TMK: (1) 2-1-049:050, 070, 072

The Department of Health (DOH), Environmental Planning Office (EPO), acknowledges receipt of your DEA to our office on June 10, 2015. Thank you for allowing us to review and comment on the proposed 803 Waimanu – Kakaako project available on the OEQC website at:

http://oeqc.doh.hawaii.gov/Shared%20Documents/EA_and_EIS_Online_Library/Oahu/2010s/2015-06-08-OA-5E-DEA-803-Waimanu-Kakaako.pdf

The DEA was routed to various branches. The various branches will provide specific comments to you if necessary. EPO recommends that you review the standard comments and available strategies to support sustainable and healthy design provided at: http://health.hawaii.gov/epo/home/landuse-planning-review-program/. Projects are required to adhere to all applicable standard comments.

We encourage you to examine and utilize the Hawaii Environmental Health Portal. The portal provides links to our e-Permitting Portal, Environmental Health Warehouse, Groundwater Contamination Viewer, Hawaii Emergency Response Exchange, Hawaii State and Local Emission Inventory System, Water Pollution Control Viewer, Water Quality Data, Warnings, Advisories and Postings. The Portal is continually updated. Please visit it regularly at: https://eha-cloud.doh.hawaii.gov

You may also wish to review the revised Water Quality Standards Maps that have been updated for all islands. The Water Quality Standards Maps can be found at:
http://health.hawaii.gov/cwb/site-map/clean-water-branch-home-page/water-quality-standards/.

We request that you utilize all of this information on your proposed project to increase sustainable, innovative, inspirational, transparent and healthy design.

Mahalo nui loa,

Laura Leialoha Phillips McIntyre, AICP
Program Manager, Environmental Planning Office

c: Approving Agency: Hawaii Housing Finance & Development Corporation
Applicant: MJF Development Corporation

September 4, 2015

Ms. Laura Leialoha Phillips McIntyre, AICP
Program Manager
Environmental Planning Office
Department of Health
State of Hawaii
P.O. Box 3378
Honolulu, Hawaii 96801-3378

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Ms. Phillips:

Thank you for your letter dated June 17, 2015 regarding 803 Waimanu (Project). We downloaded and reviewed the standard comments from the Department of Health (DOH), Land Use Planning and Review Program: Clean Air Branch; Clean Water Branch (NPDES permit requirements); Hazard Evaluation and Emergency Response Office; Noise, Radiation and Indoor Air Quality Branch; Safe Drinking Water Branch; Solid and Hazardous Waste Branch; and Wastewater Branch. We have also reviewed the revised Water Quality Standards Map and will include reference to the map in the Final EA. The Applicant will comply with all applicable requirements.

Thank you for your comments. Your comment letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

POLICE DEPARTMENT

CITY AND COUNTY OF HONOLULU

801 SOUTH BERETANIA STREET · HONOLULU, HAWAII 96813
TELEPHONE: (808) 529-3111 · INTERNET: www.honolulupd.org

KIRK CALDWELL
MAYOR

LOUIS M. KEALOHA
CHIEF

DAVE M. KAJIHIRO
MARIE A. McCAULEY
DEPUTY CHIEFS

OUR REFERENCE MT-DK

June 18, 2015

Mr. Dennis Silva, Jr., AICP, Principal
Hawaii Planning LLC
7 Waterfront Plaza
Ala Moana Boulevard, Suite 400
Honolulu, Hawaii 96813

Dear Mr. Silva:

This is in response to your letter dated June 5, 2015, requesting comments on a Draft Environmental Assessment for the proposed housing project at 803 Waimanu Street.

The Honolulu Police Department has reviewed this project and has concerns regarding the safe flow of vehicular traffic, pedestrian passage, and lack of parking in the project area.

The width of Waimanu Street and the confined entry/exit use for Imperial Plaza will not accommodate construction vehicles to access this thoroughfare. We recommend that construction vehicles access the project site via Kawaihao Street and that the developer implement traffic controls and management (e.g., flag persons, special duty officers, signs, cones, etc.) in the sector and around the intersection at Kawaihao Street and Cooke Street. This will ensure a safe means of ingress/egress for large construction vehicles, motorists, and pedestrians in the vicinity.

The developer should also consider effects to the community caused by tenants using street parking and the limited delivery parking for businesses; this includes creating a walkway for the passage of pedestrians along Waimanu Street and Kawaihao Street.

If there are any questions, please call Major Roy Sugimoto of District 1 (Central Honolulu) at 723-3327.

Thank you for the opportunity to review this project.

Sincerely,

LOUIS M. KEALOHA
Chief of Police

By Mark Tsuyemura
MARK TSUYEMURA
Management Analyst VI
Office of the Chief

Serving and Protecting With Aloha

September 4, 2015

Mr. Louis M. Kealoha
Chief of Police
801 South Beretania Street
Honolulu, Hawaii 96813

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Chief Kealoha:

Thank you for your letter dated June 18, 2015 regarding 803 Waimanu ("Project"). During construction, there will be adequate traffic controls implemented to ensure safe and efficient transport of construction vehicles and equipment. As part of the construction plan submittal and approval by the Department of Planning and Permitting (DPP), a traffic control plan is required and the Project will comply with conditions from DPP on this matter.

We recognize that maintaining street parking, loading zones, and pedestrian access is important for local businesses and will ensure a pedestrian walkway services Waimanu and Kawaihao Streets.

Thank you for your comments. Your comment letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

DISABILITY AND COMMUNICATION ACCESS BOARD

919 Ala Moana Boulevard, Room 101 • Honolulu, Hawaii 96814
Ph. (808) 586-8121 (V/TDD) • Fax (808) 586-8129

June 19, 2015

Ms. Janice Takahashi
State of Hawaii
Hawaii Housing Finance and
Development Corporation
677 Queen Street
Suite 300
Honolulu, HI 96813

Regarding: 803 Waimanu – Draft Environmental Assessment

Dear Ms. Takahashi,

The Disability and Communication Access Board (DCAB) would like to thank you for the opportunity to review the 803 Waimanu, Draft Environmental Assessment (EA). This review will help to ensure that this project will take into account accessibility design requirements for persons with disabilities.

This project is required to be submitted to DCAB for review under a memorandum of agreement with Hawaii Housing Finance and Development Corporation (HHFDC), if it is receiving state tax credits for providing affordable dwelling units. In addition, public buildings, facilities, and sites are required to be submitted to DCAB for review per Hawaii Revised Statutes (HRS) §103-50. Act 45 of the 2014 Hawaii Legislature defines "(p)ublic buildings, facilities, sites and the infrastructure thereof that:

1) Are designed, constructed, purchased, or leased with the use of any state or county funds or federal funds administered by the State or a county;
2) House state of county programs, services or activities that are intended to be accessed by the general public;
3) Are places of public accommodation or commercial facilities under the Americans with Disabilities Act, title 28 Code of Federal Regulations part 36, and are constructed on state or county lands; or
4) Are constructed on lands that will be transferred to the State or a county upon completion of construction."

Based on the above, new construction and alterations for this project are required to comply with the Department of Justice's (DOJ) 2010 ADA Standards for Accessible Design (2010 Standards). The standards can be viewed or downloaded at: http://www.ada.gov/2010ADAstandards_index.htm. To be consistent with the DOJ's standard, DCAB adopted the 2004 Americans with Disabilities Act Accessibility Guidelines (ADAAG) as of January 1, 2011 and passed interpretive opinions consistent

with the 2010 ADA Standards. All new interpretive opinions can be viewed or downloaded at http://health.hawaii.gov/dcab/facility-access/interpretive-opinions/. As a newly constructed, multi-family residential project consisting of four (4) or more dwelling units, 803 Waimanu must also comply with the Federal Fair Housing Act Accessibility Guidelines (FHAG).

In addition we strongly encourage the use of the following accessibility guideline, published by the U.S. Access Board for any design affecting pedestrian use or shared use areas in the public rights-of-way. This accessibility guideline is not yet enforceable by the DOJ under the Americans with Disabilities Act (ADA), nor have they been adopted by state rules under HRS §103-50. However, this accessibility guideline provides guidance for a minimal level of accessibility for those elements not addressed by the enforceable ADA Accessibility Guidelines:

- Proposed Guidelines for Pedestrian Facilities in the Public Right-of-Way

A copy of this accessibility guideline can be found at: http://www.access-board.gov/guidelines-and-standards/streets-sidewalks/public-rights-of-way/proposed-rights-of-way-guidelines.

In reviewing the EA a few items appear to conflict with the 2010 ADA Standards, the FHAG or are of concern:

- The new driveway and sidewalk along Waimanu Street does not provide an accessible route where the sidewalk crosses the driveway; this does not comply with the ADAAG or DCAB's Interpretive Opinions. (Drawings A-1.2 and A-2.1)

- The loading area shown does not appear to comply with the ADAAG. Where a passenger loading zone is provided, it is required to be accessible and have a vehicle pull-up area and access aisle. The access aisle is required to be the same length as the passenger loading area and connect to an accessible route. (Page 10 and Drawing A-2.1)

- The project is planning to provide only one van accessible stall. This will not comply with either the FHAG or the ADAAG. The FHAG requires that where parking is provided for residents or guests, two percent (2%) of the stalls must be designed to be accessible. Where ninety-one (91) parking spaces are provided, this would mean two (2) stalls must be designed as accessible. The minimum number of accessible parking required by the ADAAG is four (4), one of which is required to be designed as van accessible. (Page 10)

- The twelve (12) ground floor units with stoops are required to comply with FHAG; an accessible route will be required to each entrance. As currently shown, the entry to each unit is stepped; this will not comply with FHAG. Where multi-story dwelling units are in a building with an elevator, the units are covered by FHAG. (Page 10 and drawing sheets A-1.2, A-2.1 and A-3.2)

- The EA only indicates a one-bedroom unit as "ADA Accessible." Accessible units are required by ADAAG to be dispersed throughout the various types of units provided in the project. This includes studio, one-bedroom, and two-bedroom units. Where units offer different amenities such as stoops or lanais, this would be considered a different type of dwelling unit. Accessible units must also be dispersed between "reserved housing" and "inclusionary housing," or "affordable units" and "market priced" units. (Pages 59, 60, drawing A-3.2)

- The clearances in both kitchens of the one-bedroom "accessible units" do not appear to comply with ADAAG. Both kitchens are considered "U-shaped" kitchens per ADAAG. (Drawing A-3.2)

- The kitchen in unit Type J does not appear to have space for an accessible work counter. The ADAAG requires accessible units to have an accessible work counter designed for front approach; the counter is required to be adjacent to the oven where a bottom hinge oven is provided. (Drawing A-3.2)

- A stacking washer/dryer appears to be provided in both of the one-bedroom "accessible units." The ADAAG has provisions for washers and dryers; the controls and operating mechanisms will be required to be accessible and the height of top loading machines cannot exceed thirty-six inches (36") maximum. (Drawing A-3.2)

The above reflects DCAB's advice and recommendations for the 803 Waimanu project.

Should you have any further questions, feel free to contact Mona Higa, Facility Access Specialist at (808) 586-8121.

Sincerely,

Francine Wai

FRANCINE WAI
Executive Director

c: ✓ Dennis Silva, Jr., AICP
Principal
Hawaii Planning LLC

September 4, 2015

Ms. Francine Wai
Executive Director
Disability and Communication Access Board
919 Ala Moana Boulevard, Room 101
Honolulu, Hawaii 96814

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Ms. Wai:

Thank you for your letter dated June 19, 2015 regarding 803 Waimanu (Project). The following are our responses to your comments:

1. *Public buildings, facilities, and sites are required to be submitted to DCAB for review. New construction and alterations for this project are required to comply with the Department of Justice's 2010 ADA Standards for Accessible Design (2010 Standards), the 2004 Americans with Disabilities Act Accessibility Guidelines (ADAAG), and the Federal Fair Housing Act Accessibility Guidelines (FHAG). In addition, we strongly encourage the use of Proposed Guidelines for Pedestrian Facilities in the Public Right-of-Way.*

Discussion: The Project will comply with the 2010 Standards, ADAAG, and FHAG. The Applicant will strongly consider use of the Proposed Guidelines for Pedestrian Facilities in the Public Right-of-Way.

2. *The new driveway and sidewalk along Waimanu Street does not provide an accessible route where the sidewalk crosses the driveway; this does not comply with the ADAAG or DCAB's Interpretive Opinions. (Drawings A-1.2 and A-2.1)*

Discussion: The driveway and sidewalk connections will comply with the American with Disability Act Accessibility Guidelines (ADAAG) and DCAB's Interpretive Opinions. The drawings will be revised to comply with these requirements.

3. *The loading area shown does not appear to comply with the ADAAG. Where a passenger loading zone is provided, it is required to be accessible and have a vehicle pull-up area and access aisle. The access aisle is required to be the same length as the passenger loading area and connect to an accessible route. (Page 10 and Drawing A-2.1)*

Discussion: The loading area will be revised to comply with ADAAG.

4. *The project is planning to provide only one van accessible stall. This will not comply with either the FHAG or the ADAAG. The FHAG requires that where parking is provided for residents or guests, two percent (2%) of the stalls must be designed to be accessible.*

Where ninety-one (91) parking spaces is provided, this would mean two (2) stalls must be designed to be accessible. The minimum number of accessible parking required by the ADAAG is four (4), one of which is required to be designed as van accessible. (Page 10)

Discussion: The accessible parking stalls will comply with FHAG and ADAAG requirements, and drawings will be revised as necessary.

5. *The twelve (12) ground floor units with stoops are required to comply with FHAG; an accessible route will be required to each entrance. As currently shown, the entry to each unit is stepped, this will not comply with FHAG. Where multi-story dwelling units are in a building with an elevator, the units are covered by FHAG. (Page 10 and drawing sheets A-1.2, A-2.1, and A-3.2)*

Discussion: The 12 ground floor units will comply with FHAG standards, and drawings will be revised as necessary.

6. *The EA only indicates a one-bedroom unit as "ADA Accessible." Accessible units are required by ADAAG to be dispersed throughout various types of units provided in the project. This includes studio, one-bedroom, and two-bedroom units. Where units offer different amenities such as stoops or lanais, this would be considered a different type of dwelling unit. Accessible units must also be dispersed between "reserved housing" and "inclusionary housing," or "affordable units" and "market priced" units. (Pages 59, 60, drawing A-3.2)*

Discussion: The Project will be redesigned to comply with the accessible units requirements as indicated by ADAAG.

7. *The clearances in both kitchens of the one-bedroom "accessible units" do not appear to comply with ADAAG. Both kitchens are considered "U-shaped" kitchens per ADAAG. (Drawing A-3.2)*

Discussion: The kitchen designs will be revised to comply with ADAAG.

8. *The kitchen in unit Type J does not appear to have space for an accessible work counter. The ADAAG requires accessible units to have an accessible work counter designed for front approach; the counter is required to be adjacent to the oven where a bottom hinge oven is provided. (Drawing A-3.2)*

Discussion: The kitchen design in Unit Type J will be redesigned to comply with ADAAG.

9. *A stacking washer/dryer appears to be provided in both of the one-bedroom "accessible units." The ADAAG has provisions for washers and dryers; the controls and operating mechanisms will be required to be accessible and the height of top loading machines cannot exceed thirty-six inches (36") maximum. (Drawing A-3.2)*

Discussion: The washer/dryers provided will comply with ADAAG provisions and requirements.

Thank you for your comments. Your comment letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

DEPARTMENT OF DESIGN AND CONSTRUCTION
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET, 11TH FLOOR
HONOLULU, HAWAII 96813
Phone: (808) 768-8480 • Fax: (808) 768-4567
Web site: www.honolulu.gov

KIRK CALDWELL
MAYOR

ROBERT J. KRONING, P.E.
DIRECTOR

MARK YONAMINE, P.E.
DEPUTY DIRECTOR

June 23, 2015

Hawaii Planning LLC
7 Waterfront Plaza
500 Ala Moana Boulevard
Honolulu, Hawaii 96813

Attn: Dennis Silva, Jr.

Dear Mr. Silva:

Subject: 803 Waimanu
TMKs: 2-1-049: 050, 070 & 072
Draft Environmental Assessment (EA)

The Department of Design and Construction does not have comments to offer on the draft environmental assessment.

Thank you for the opportunity to review and comment. Should there be any questions, please contact me at 768-8480.

Sincerely,

Robert J. Kroning, P.E.
Director

RJK: cf (612561)

September 4, 2015

Mr. Robert J. Kroning, P.E.
Director
Department of Design and Construction
City and County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Kroning:

We received your letter dated June 23, 2015 regarding the Draft Environmental Assessment for the above referenced project. Though you had no comments, your letter will be included in the Final EA. Thank you for your response.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

HONOLULU FIRE DEPARTMENT

CITY AND COUNTY OF HONOLULU

636 South Street
Honolulu, Hawaii 96813-5007
Phone: 808-723-7139 Fax: 808-723-7111 Internet: www.honolulu.gov/hfd

KIRK CALDWELL
MAYOR

MANUEL P. NEVES
FIRE CHIEF

LIONEL CAMARA JR.
DEPUTY FIRE CHIEF

June 23, 2015

Mr. Dennis Silva, Jr., AICP
Hawaii Planning LLC
7 Waterfront Plaza
500 Ala Moana Boulevard, Suite 400
Honolulu, Hawaii 96813

Dear Mr. Silva:

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070, and 072

In response to your letter dated June 5, 2015, regarding the above-mentioned subject, the Honolulu Fire Department (HFD) reviewed the material provided and requires that the following be complied with:

1. Fire department access roads shall be provided such that any portion of the facility or any portion of an exterior wall of the first story of the building is located not more than 150 feet from fire department access roads as measured by an approved route around the exterior of the building or facility. (National Fire Protection Association [NFPA] 1, Uniform Fire Code [UFC]™, 2006 Edition, Section 18.2.3.2.2.)

   A fire department access road shall extend to within 50 feet of at least one exterior door that can be opened from the outside and provides access to the interior of the building. (NFPA 1, UFC™, 2006 Edition, Section 18.2.3.2.1.)

2. A water supply approved by the county, capable of supplying the required fire flow for fire protection, shall be provided to all premises upon which facilities or buildings, or portions thereof, are hereafter constructed, or moved into or within the county. When any portion of the facility or building is in excess of 150 feet from a water supply on a

fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains capable of supplying the required fire flow shall be provided when required by the AHJ [Authority Having Jurisdiction]. (NFPA 1, UFC™, 2006 Edition, Section 18.3.1, as amended.)

3. The unobstructed width and unobstructed vertical clearance of a fire apparatus access road shall meet county requirements. (NFPA 1, UFC™, 2006 Edition, Section 18.2.3.4.1.1, as amended.)

4. Submit civil drawings to the HFD for review and approval.

Should you have questions, please contact Battalion Chief Terio Bumanglag Jr. of our Fire Prevention Bureau at 723-7151 or tbumanglag@honolulu.gov.

Sincerely,

Socrates D. Bratakos

SOCRATES D. BRATAKOS
Assistant Chief

SDB/SY:bh

September 4, 2015

Mr. Socrates D. Bratakos
Assistant Chief
Honolulu Fire Department
City & County of Honolulu
636 South Street
Honolulu, HI 96813

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Bratakos:

Thank you for your letter dated June 23, 2015 regarding 803 Waimanu (Project).

1. *Fire Department access roads shall be provided such that any portion of the facility or any portion of an exterior wall of the first story of the building is located not more than 150 feet from fire department access roads as measured by an approved route around the exterior of the building or facility (National Fire Protection Association [NFPA] 1, Uniform Fire Code [UFC], 2006 Edition, Section 18.2.3.2.2). A fire department access road shall extend to within 50 feet of at least one exterior door that can be opened from the outside and provides access to the interior of the building (NFPA, UFC, 2006 Edition, Section 18.2.3.2.1)*

Discussion: The design, engineering, and construction of the Project will ensure compliance with the aforementioned NFPA and UFC provisions.

2. *A water supply approved by the county, capable of supplying the required fire flow for fire protection, shall be provided to all premises upon which facilities or buildings, or portions thereof, are hereafter constructed, or moved into or within the county. When any portion of the facility or building is in excess of 150 feet from a water supply on a fire apparatus access road, as measured by an approved route around the exterior of the facility or building, on-site fire hydrants and mains capable of supplying the required fire flow shall be provided when required by the AHJ [Authority having Jurisdiction]. (NFPA 1, UFC, 2006 Edition, Section 18.3.1, as amended.)*

Discussion: The Project will comply with the above-referenced provisions related to adequate water supply for fire protection.

3. *The unobstructed width and unobstructed vertical clearance of a fire apparatus access road shall meet county requirements. (NFPA 1, UFC, 2006 Edition, Section 18.2.3.4.1.1, as amended.)*

Discussion: The Project will ensure compliance with county requirements regarding the unobstructed width and unobstructed vertical clearance of a fire apparatus access road.

4. *Submit civil drawings to the HFD for review and approval.*

Discussion: Civil drawings will be submitted to the HFD.

Thank you for your comments. Your comment letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

DEPARTMENT OF TRANSPORTATION SERVICES
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET, 3RD FLOOR
HONOLULU, HAWAII 96813
Phone: (808) 768-8305 • Fax: (808) 768-4730 • Internet: www.honolulu.gov

KIRK CALDWELL
MAYOR

MICHAEL D. FORMBY
DIRECTOR

MARK N. GARRITY, AICP
DEPUTY DIRECTOR

TP6/15-612958R

June 26, 2015

Mr. Dennis Silva, Jr., AICP
Principal
Hawaii Planning LLC
7 Waterfront Plaza
500 Ala Moana Boulevard, Suite 400
Honolulu, Hawaii 96813

Dear Mr. Silva:

SUBJECT: Draft Environmental Assessment for 803 Waimanu, Kakaako, Oahu, Hawaii

In response to your letter dated June 5, 2015, we have the following comments:

1. Waimanu Street and Kawaiahao Street are private roads, and therefore, not maintained by the City. We recommend that any street upgrades and road design comply with current City roadway standards should the ownership and jurisdiction of the roads be transferred to the City in the future.

2. All loading and unloading needs for the project should be designed to be handled on-site, rather than on the roadway.

3. Complete Streets Ordinance, Page 71, Discussion, add "On-site bicycle facilities, including guest bicycle parking and secure bicycle parking for residents will be provided."

4. Traffic, Page 34, Recommendations and Conclusions, add "Any construction materials and equipment should be transferred to and from the project site during off-peak traffic hours (8:30 a.m. to 3:30 p.m.) to minimize any possible disruption to traffic on the local streets."

Thank you for the opportunity to review this matter. Should you have any questions, please contact Renee Yamasaki of my staff at 768-8383.

Very truly yours,

Michael D. Formby
Director

September 4, 2015

Mr. Michael D. Formby
Director
Department of Transportation Services
City & County of Honolulu
650 S. King Street, 3rd Floor
Honolulu, HI 96813

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Formby:

Thank you for your letter dated June 26, 2015 regarding the above-referenced project.

1. *Waimanu Street and Kawaihao Street are private roads, and therefore, not maintained by the City. We recommend that any street upgrades and road design comply with current City roadway standards should the ownership and jurisdiction of the roads be transferred to the City in the future.*

Discussion: Any improvements to Waimanu and Kawaihao Streets related to the Project will meet City standards.

2. *All loading and unloading needs for the project should be designed to be handled on-site, rather than on the roadway.*

Discussion: All loading and unloading for the Project will be handled on-site.

3. *Complete Streets Ordinance, Page 71, Discussion, add "On-site bicycle facilities, including guest bicycle parking and secure bicycle parking for residents will be provided."*

Discussion: The Final EA will be updated with the above-referenced statement on bicycle facilities.

4. *Traffic, Page 34, Recommendations and Conclusions, add "Any construction materials and equipment should be transferred to and from the project site during off-peak traffic hours (8:30 a.m. to 3:30 p.m.) to minimize any possible disruption to traffic on the local streets."*

Discussion: The Final EA will be updated with the above-referenced language on transport of construction materials and equipment.

Thank you for your comments. Your comment letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

DAVID Y. IGE
GOVERNOR OF HAWAII

SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

July 7, 2015

Hawaii Planning LLC
Attn: Dennis Silva, Jr., Principal
7 Waterfront Plaza
500 Ala Moana Boulevard, Suite 400
Honolulu, HI 96813

via email: hawaiiplanningllc@gmail.com

Dear Mr. Silva,

SUBJECT: Draft Environmental Assessment (EA), 803 Waimanu

Thank you for the opportunity to review and comment on the subject matter. The Department of Land and Natural Resources' (DLNR) Land Division distributed or made available a copy of your report pertaining to the subject matter to DLNR Divisions for their review and comments.

At this time, enclosed are comments from the (1) Land Division-Oahu District; and (2) Division of Forestry & Wildlife. No other comments were received as of our suspense date. Should you have any questions, please feel free to call Supervising Land Agent Steve Molmen at 587-0439. Thank you.

Sincerely,

Russell Y. Tsuji
Land Administrator

Enclosure(s)

DAVID Y. IGE
GOVERNOR OF HAWAII

SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

June 9, 2015

MEMORANDUM

TO: **DLNR Agencies:**
__Div. of Aquatic Resources
__Div. of Boating & Ocean Recreation
X Engineering Division
X Div. of Forestry & Wildlife
__Div. of State Parks
X Commission on Water Resource Management
X Office of Conservation & Coastal Lands
X Land Division – Oahu District
X Historic Preservation

FROM: Russell Y. Tsuji, Land Administrator
SUBJECT: Draft Environmental Assessment (EA), 803 Waimanu
LOCATION: TMKs: 2-1-049; 050, 070 & 072
APPLICANT: MJF Development Corporation by its agent, Hawaii Planning LLC

Transmitted for your review and comment on the above-referenced document. We would appreciate your comments on this document which can be found here:

1. Go to: https://sp01.ld.dlnr.hawaii.gov/LD
2. Login: Username: LD\Visitor Password: 0pa$$word0 (first and last characters are zeros)
3. Click on: Requests for Comments
4. Click on the subject file "Draft Environmental Assessment (EA), 803 Waimanu", then click on "Files" and "Download a copy". (Any issues accessing the document should be directed to Linda Kawakami at (808) 587-0371 or Linda.Kawakami@hawaii.gov)

Please submit any comments by July 7, 2015. If no response is received by this date, we will assume your agency has no comments. If you have any questions about this request, please contact Supervising Land Agent Steve Molmen at (808) 587-0439. Thank you.

Attachments

( ) We have no objections.
(✓) We have no comments.
( ) Comments are attached.

Signed: _____
Print Name: Tony Chee
Date: 6/12/15

DAVID Y. IGE
GOVERNOR OF HAWAII

SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

June 9, 2015

RECEIVED
LAND DIVISION
2015 JUN 25 AM 11:01
DEPT. OF LAND &
NATURAL RESOURCES
STATE OF HAWAII

MEMORANDUM

TO: **DLNR Agencies:**
__Div. of Aquatic Resources
__Div. of Boating & Ocean Recreation
X Engineering Division
X Div. of Forestry & Wildlife
__Div. of State Parks
X Commission on Water Resource Management
X Office of Conservation & Coastal Lands
X Land Division – Oahu District
X Historic Preservation

FROM: Russell Y. Tsuji, Land Administrator
SUBJECT: Draft Environmental Assessment (EA), 803 Waimanu
LOCATION: TMKs: 2-1-049; 050, 070 & 072
APPLICANT: MJF Development Corporation by its agent, Hawaii Planning LLC

Transmitted for your review and comment on the above-referenced document. We would appreciate your comments on this document which can be found here:

1. Go to: https://sp01.ld.dlnr.hawaii.gov/LD
2. Login: Username: LD\Visitor Password: 0pa$$word0 (first and last characters are zeros)
3. Click on: Requests for Comments
4. Click on the subject file "Draft Environmental Assessment (EA), 803 Waimanu", then click on "Files" and "Download a copy". (Any issues accessing the document should be directed to Linda Kawakami at (808) 587-0371 or Linda.Kawakami@hawaii.gov)

Please submit any comments by July 7, 2015. If no response is received by this date, we will assume your agency has no comments. If you have any questions about this request, please contact Supervising Land Agent Steve Molmen at (808) 587-0439. Thank you.

Attachments

( ) We have no objections.
(✓) We have no comments.
( ) Comments are attached.

Signed: [signature]
Print Name: DLS David G. Smith
Date: 6/19/15

September 4, 2015

Mr. Russell Y. Tsuji
Land Administrator
State of Hawaii
Department of Land and Natural Resources
P.O. Box 621
Honolulu, HI 96809

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Tsuji:

Thank you for your letter dated July 7, 2015 and the enclosures from the Land Division and Division of Forestry and Wildlife dated June 12, 2015 and June 19, 2015, respectively. Though no comments were offered, the letter and enclosures will be included in the Final EA. Thank you for your response.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

Kuwaye, Kristen Tue, Jul 7 2:59 PM
to 'hawaiiplanningllc@gmail.com'
cc Liu, Rouen; '1.11.159253@ecollab.heco.com'

803 Waimanu Draft EA

Kristen Kuwaye on behalf of Rouen Liu

Dear Mr. Dennis Silva, Jr.,

Thank you for the opportunity to comment on the subject project. Hawaiian Electric Company has no objection to the project. Should HECO have existing easements and facilities on the subject property, we will need continued access for maintenance of our facilities.
We appreciate your efforts to keep us apprised of the subject project in the planning process. As the proposed 803 Waimanu Draft EA comes to fruition, please continue to keep us informed. Further along in the design, we will be better able to evaluate the effects on our system facilities.
If you have any questions, please call me at 543-7245.

Sincerely,
Rouen Q. W. Liu
Permits Engineer
Tel: (808) 543-7245
Email: Rouen.liu@hawaiianelectric.com

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September 4, 2015

Mr. Rouen Q. W. Liu
Permits Engineer
Hawaiian Electric Company
PO Box 2750
Honolulu, Hawaii 96840-0001

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Liu:

We received your email dated July 7, 2015 regarding the Draft Environmental Assessment for the above referenced project. Should HECO have any existing easements or facilities on the site, continued access will be provided for any maintenance needs. Thank you for your comments. Your letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU
650 SOUTH KING STREET, 7TH FLOOR • HONOLULU, HAWAII 96813
PHONE: (808) 768-8000 • FAX: (808) 768-6041
DEPT. WEB SITE: www.honoluludpp.org • CITY WEB SITE: www.honolulu.gov

KIRK CALDWELL
MAYOR

GEORGE I. ATTA, FAICP
DIRECTOR

ARTHUR D. CHALLACOMBE
DEPUTY DIRECTOR

2015/ELOG-1147(hs)

July 9, 2015

Mr. Dennis Silva, Jr., AICP
Hawaii Planning LLC
7 Waterfront Plaza
500 Ala Moana Boulevard, Suite 400
Honolulu, Hawaii 96813

Dear Mr. Silva:

Thank you for your letter dated June 5, 2015, regarding your request for comments on the Draft Environmental Assessment (EA) for the project at 803 Waimanu Street, Tax Map Keys: 2-1-049: 050, 070, and 072. We have reviewed the Draft EA and have the following comments:

1. The Final EA should address how the proposed project satisfies the design guidance of the Hawaii Community Development Authority Area Plan and the guiding principles and objectives of the Draft Kakaako Community Development District Transportation Oriented Development Overlay Plan.

2. A construction management plan (CMP) should be prepared and submitted to the City identifying the type, frequency and routing of heavy trucks, and construction related vehicles. Every effort shall be made to minimize impacts from these vehicles and related construction activities. The CMP should identify and limit vehicular activity related to construction to periods outside of the peak periods of traffic, utilizing alternate routes for heavy trucks, provisions for either on-site or off-site staging areas for construction related workers and vehicles to limit the use of on-street parking around the project site and other mitigation measures related to traffic and potential neighborhood impacts. Preliminary or conceptual traffic control plans should also be included in the CMP. The Applicant should document the condition of roadways prior to the start of construction activities and provide remedial measures, as necessary, such as restriping, road resurfacing, and/or reconstruction if the condition of the roadways has deteriorated as a result of the related construction activities.

3. Construction plans for all work within or affecting public streets should be submitted for review and approval. Traffic control plans during construction should also be submitted for review and approval, as required. Vehicular access points shall be constructed as standard City dropped driveways. Adequate vehicular sight distance shall be provided and maintained at all driveways to pedestrians and other vehicles. Driveway grades shall not exceed 5 percent for a minimum distance of 25 feet from the back of the designated pedestrian walkway. Entry gates and ticket dispensers should be recessed as far into the driveway as necessary to avoid any queuing onto public streets. All loading and parking areas shall be designed such that vehicles enter and exit front first.

4. Due to the type of development being proposed, where there are 153 dwelling units and 91 parking stalls, a post study should be conducted one year after first occupancy, to identify the multi-modal activities or person trips being generated by the residents of this residential project. Of particular interest is the number of vehicular, bicycle, pedestrian, and pedestrian/transit trips occurring during the peak periods of travel. Also, the impact to the inventory of public street parking should be considered, due to the ratio of dwelling units and parking stalls.

5. The developer or their agents should meet with staff at the Traffic Review Branch and the Department of Transportation Services prior to submitting construction plans to review the intended progress of work and the proposed circulation of traffic within the development, which may affect driveway use and locations. Discussion will also include the developer's compliance with complete streets standards and implementing measures to encourage multi-modal person trips, such as provisions for bicycle racks, pedestrian circulation, and ease of access to public transit.

Should you have any questions, please contact Eugene Takahashi of our staff at 768-8035.

Very truly yours,

for George I. Atta, FAICP
Director

GIA:et
1257553

September 4, 2015

Mr. George I. Atta, FAICP
Director
Department of Planning and Permitting
City & County of Honolulu
650 S. King Street, 7th Floor
Honolulu, HI 96813

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Atta:

Thank you for your letter dated July 9, 2015 regarding the above-referenced project. The following are our responses to your comments.

1. *The Final EA should address how the proposed project satisfies the design guidance of the Hawaii Community Development Authority Area Plan and the guiding principles and objectives of the Draft Kakaako Community Development District Transportation Oriented Development Overlay Plan.*

Discussion: The Draft EA discusses compliance with the Mauka Area Plan and TOD Overlay in detail in section 4.2.

2. *A construction management plan (CMP) should be prepared and submitted to the City identifying the type, frequency and routing of heavy trucks, and construction related vehicles. Every effort shall be made to minimize impacts from these vehicles and related construction activities. The CMP should identify and limit vehicular activity related to construction to periods outside of the peak periods of traffic, utilizing alternate routes for heavy trucks, provisions for either on-site or off-site staging areas for construction related workers and vehicles to limit the use of on-street parking around the project site and other mitigation measures related to traffic and potential neighborhood impacts. Preliminary or conceptual traffic control plans should also be included in the CMP. The Applicant should document the condition of roadways prior to the start of construction activities and provide remedial measures, as necessary, such as restriping, road resurfacing, and/or reconstruction if the condition of the roadways has deteriorated as a result of the related construction activities.*

Discussion: A CMP, including traffic control plans, will be prepared in accordance with the comments above.

3. *Construction plans for all work within or affecting public streets should be submitted for review and approval. Traffic control plans during construction should also be submitted for review and approval, as required. Vehicular access points shall be constructed as standard City dropped driveways. Adequate vehicular sight distance shall be provided and maintained at all driveways to pedestrians and other vehicles. Driveway grades shall not exceed 5 percent for a minimum distance of 25 feet from the back of the designated pedestrian walkway. Entry gates and ticket dispensers should be recessed as far into the driveways as necessary to avoid any queuing onto public streets. All loading and parking areas shall be designed such that vehicles enter and exit front first.*

Discussion: Construction plans will be submitted to DPP for review and approval as required. Traffic control plans will also be submitted to DPP during the construction plan and building permit phase of the Project. Adequate sight distance shall be provided and maintained. The design will ensure that vehicles using the loading and parking areas will enter and exit front first.

4. *Due to the type of development being proposed, where there are 153 dwelling units and 91 parking stalls, a post study should be conducted one year after first occupancy, to identify the multi-modal activities or person trips being generated by the residents of this residential project. Of particular interest is the number of vehicular, bicycle, pedestrian, and pedestrian/transit trips occurring during the peak periods of travel. Also, the impact to the inventory of public street parking should be considered, due to the ratio of dwelling units to parking stalls.*

Discussion: A post study will be conducted following first occupancy of the Project related to the ratio of dwelling units to parking stalls.

5. *The developer or their agents should meeting with staff at the Traffic Review Branch and the Department of Transportation Services prior to submitting construction plans to review the intended progress of work and the proposed circulation of traffic within the development, which may affect driveway use and locations. Discussion will also include the developer's compliance with complete streets standards and implementing measures to encourage multi-modal person trips, such as provisions of bicycle racks, pedestrian circulation, and ease of access to public transit.*

Discussion: The developer or agents will meet with DPP – Traffic Review Branch and DTS prior to submitting construction plans to ensure adequacy of information provided and to review the proposed circulation of traffic.

Thank you for your comments. Your comment letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

Hawai‘i
Construction
Alliance

P.O. Box 179441
Honolulu, HI 96817
(808) 348-8885

July 6, 2015

Ken Takahashi
Hawai‘i Housing Finance Development Corporation
677 Queen Street
Honolulu, Hawai‘i 96813

RE: Comments on the Draft Environmental Assessment for the 803 Waimanu Project

Dear Mr. Takahashi,

The Hawai‘i Construction Alliance is comprised of the Hawai‘i Regional Council of Carpenters; the Operative Plasterers' and Cement Masons' Union, Local 630; International Union of Bricklayers & Allied Craftworkers, Local 1; the Laborers' International Union of North America, Local 368; and the Operating Engineers, Local Union No. 3. Together, the member unions of the Hawai‘i Construction Alliance represent 15,000 working men and women in the basic crafts of Hawai‘i's construction industry.

We offer the following comments on the Draft Environmental Assessment ("DEA") for the 803 Waimanu Project ("Project").

HAR §11-200-9(A)(3) requires environmental assessments to "identify potential impacts, evaluate the potential significance of each impact, and provide for detailed study of significant impacts" of the items enumerated in HAR §11-200-10. One such item enumerated in HAR §11-200-10 is a "general description of the action's technical, *economic*, social, and environmental characteristics." We are concerned that the DEA may not contain sufficient information regarding the Project's economic characteristics insofar as they relate to the Project's construction.

Page 75 of the DEA asserts that the Project will "contribute positively to the community through the use of goods and services in the area, through *construction-related employment*, and through secondary and tertiary spending and taxes." The DEA further asserts on Page 46 that the expenditure of irreversible and irretrievable commitment of resources will be "offset by *gains in construction-related jobs*, increased tax base and tertiary spending."

While we note the vague assertion that "construction-related employment" and "gains in construction-related jobs" will occur, the DEA contains no estimates of the approximate number of jobs to be created by the construction of the Project, nor does it contain any estimates of the approximate wages to be generated through construction activity. We further note that there are no estimates of direct or indirect economic activity to be generated by construction of the Project, other than its $40,000,000 development cost.

Without any sort of estimates on construction jobs, wages, or direct or indirect economic activity that may result from construction of the Project, it is difficult to truly and fairly evaluate of the potential significance of the Project's economic impacts as required by HAR §11-200-9. **We believe that further information on the approximate number of jobs to be created by the construction of the Project, estimates of the approximate wages to be generated through construction activity, and estimates of direct or indirect economic activity to be generated by construction of the Project should be included and further evaluated in the DEA**.

Furthermore, insofar as construction wages are concerned, we note that the Chapter 343 trigger for its environmental assessment is the Project's intended use of the Hawaii Housing Finance and Development Corporation's ("HHFDC") Dwelling Unit Revolving Fund as a source of construction financing. Since the Project intends to utilize funds from HHFDC, **we would like to confirm whether HRS §201H-82 regarding the rate of wages for laborers and mechanics and/or HRS §104 regarding wages and hours of employees on public works will apply to the Project, and, if so, how the Project intends to comply with these sections**.

If the requirement for prevailing wages for construction workers on the Project does indeed apply, we note that there may be effects on estimates for the construction wages to be paid out by the Project and also the aggregate direct and/or indirect economic impact of the Project.

The Hawai'i Construction Alliance thanks you for the opportunity to provide these comments on the DEA for the 803 Waimanu Project. Please do not hesitate to contact me should you have any questions.

Mahalo,

Tyler Dos Santos-Tam
Executive Director
Hawai'i Construction Alliance
execdir@hawaiiconstructionalliance.org

CC: Franco Mola
MJF Development Corporation
1541 South Beretania Street, 4th Floor
Honolulu, Hawai'i 96818

Dennis Silva, Jr.
Hawai'i Planning, LLC
1001 Bishop Street, Suite 2755,
Honolulu, Hawai'i 96813

September 4, 2015

Mr. Tyler Dos Santos-Tam
Executive Director
Hawaii Construction Alliance
P.O. Box 179441
Honolulu, HI 96817

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Dos Santos-Tam:

Thank you for your letter dated July 6, 2015 regarding the above-referenced project. The following are our responses to your comments.

1. *HAR §11-200-10, "general description of the action's technical economic, social, and environmental characteristics."*

Discussion: The Final EA will include more discussion on economic impacts as related to the Project's construction.

2. *Provide estimates of "construction-related employment"*

3. *We believe that further information on the approximate number of jobs to be created by the construction of the Project, estimates of approximate wages to be generated through construction activity, and estimates of direct or indirect economic activity to be generated by construction of the Project should be included and further evaluated in the DEA.*

Discussion: Approximately 114 direct construction jobs and 332 indirect or induced jobs will be created by the development of the Project with approximately $21.8 million in income generated.

4. *Since the Project intends to utilize funds from HHFDC, we would like to confirm whether HRS §201H-82 regarding the rate of wages for laborers and mechanics and/or HRS §104 regarding wages and hours of employees on public works will apply to the Project, and if so how the Project intends to comply with these sections.*

Discussion: HRS §201H-82 and HRS §104-2 do apply to the Project and require State Prevailing Wages be paid. Details about the implications of State Prevailing Wage will be included in the Final EA.

Thank you for your comments. Your comment letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

HAWAII COMMUNITY
DEVELOPMENT AUTHORITY

KAKAAKO
KALAELOA

David Y. Ige
Governor

John Whalen
Chairperson

Anthony J. H. Ching
Executive Director

547 Queen Street
Honolulu, Hawaii
96813

Telephone
(808) 594-0300

Facsimile
(808) 587-0299

E-Mail
contact@hcdaweb.org

Web site
www.hcdaweb.org

Ref. No.: KAK 13-091

June 30, 2015

Mr. Dennis Silva, Jr.
Hawaii Planning LLC
ASB Tower, Suite 2755
1001 Bishop Street
Honolulu, Hawaii 96813

Dear Mr. Silva:

Re: Draft Environmental Assessment for the Proposed Project
803 Waimanu Street, Tax Map Keys ("TMKs"):
(1)2-1-049: 050, 070, and 072

The Hawaii Community Development Authority ("HCDA") has received a letter from Hawaii Planning LLC, dated June 5, 2015, requesting comment on the Draft Environmental Assessment ("EA") published on June 8, 2015 for the permitted residential development at 803 Waimanu Street ("Project") (TMKs: (1)2-1-049: 050, 70, and 072).

The HCDA offered comments previously as pre-consultation in preparation of the EA, including a letter dated November 13, 2014 provided as Appendix F of the EA, which highlighted that the Project has adequate infrastructure available, is in compliance with the Mauka Area Rules, and is compatible with the existing and planned land use for the Project site in the Central Kakaako Neighborhood Zone.

The HCDA approved a Development Permit for the Project on January 8, 2014. It is understood that the requirement for conducting an EA is due to the potential use of State funds (in accordance with Hawaii Revised Statutes, §343-5), as the Project is applying for financing from the Hawaii Housing Finance & Development Corporation ("HHFDC"). It is likely that award of financing from the HHFDC would obligate the Project to provide a prescribed portion of units at specified affordability levels and with certain conditional requirements for eligibility, duration, etc. It is noted that the Development Permit issued by the HCDA for the Project has a requirement to provide 24 reserved housing units to income levels less than 140% of the area median income.

It is noted that a Traffic Impact Analysis Report has been completed and included in the EA as Appendix E – with no significant identified impacts, and no recommended mitigation measures.

It is noted that a Literature Survey of Previous Archaeological Studies was completed and included in the EA as Appendix C; however, conducting an Archaeological Inventory Survey that is acceptable to the Department of Land and Natural Resources, State Historic Preservation Division is an outstanding requirement for the Project pursuant to the Development Permit for the Project.

It is noted that comments were raised concerning managing stormwater drainage on the Project site and along Waimanu Street. The EA references the 2009 Final Supplemental Environmental Impact Statement, which identifies the need for a new catch basin on Waimanu Street and a new drain inlet on Kawaiahao Street adjacent to the Project site. We recommend planning, designing, implementing, and maintaining the Project site in accordance with the following City and County of Honolulu and State of Hawaii Requirements and Guidelines, to the extent such Requirements and Guidelines are applicable to the Project:

a. "Best Management Practices (BMP) Manual for Construction Sites," November 2011;

b. "Rules Relating to Soil Erosion Standards and Guidelines," April 1999;

c. "Rules Relating to Storm Drainage Standards," effective June 1, 2013;

d. The Revised Ordinances of Honolulu (ROH)—for grading, specifically Chapter 14, "Public Works Infrastructure Requirements Including Fees and Services," 1990 as amended;

e. Hawaii Administrative Rules ("HAR"), Title 11, Chapter 54 (11-54), "Water Quality Standards"; and,

f. HAR, Title 11, Chapter 55, "Water Pollution Control"—for construction runoff, specifically Appendix C, National Pollutant Discharge Elimination System (NPDES) "General Permit Authorizing Discharges of Storm Water Associated with Construction Activities" (expires December 5, 2018).

Should you have any additional questions regarding this matter, please contact Mr. Daniel Simonich by phone at 594-0300.

Sincerely,

Anthony J. H. Ching
Executive Director

AJHC/DN/DS:ak
Enc.
c: Ms. Janice Takahashi, HHFDC

HAWAII COMMUNITY
DEVELOPMENT AUTHORITY

KAKAAKO
KALAEOA

Neil Abercrombie
Governor

Brian Lee
Chairperson

Anthony J. H. Ching
Executive Director

461 Cooke Street
Honolulu, Hawaii
96813

Telephone
(808) 594-0300

Facsimile
(808) 594-0299

E-Mail
contact@hcdaweb.org

Web site
www.hcdaweb.org

Ref. No.: KAK 13-091

November 13, 2014

Mr. Dennis Silva, Jr., AICP
Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, Hawaii 96813

Dear Mr. Silva:

Re: 803 Waimanu Street, Tax Map Keys ("TMKs"):
2-1-049: 050, 070 and 072

The Hawaii Community Development Authority ("HCDA") has received and reviewed your letter dated October 22, 2014 requesting comments on possible areas of concern to be considered in the preparation of a Draft Environmental Assessment for the above-mentioned project at 803 Waimanu Street (TMKs: 2-1-049: 050, 070, and 072).

We note that the HCDA approved a Development Permit application for the subject Project on January 8, 2014. It is our understanding that an Environmental Assessment is required for the Project as a result of the Applicant seeking special financing from the Hawaii Housing Finance and Development Corporation ("HHFDC") for producing affordable housing within the Project beyond what is otherwise required as reserved housing in accordance to the approved Development Permit approved by the HCDA. As such, we believe that the HHFDC will act as the accepting agency for acceptance of an Environmental Assessment in accordance with Hawaii Revised Statutes §343-5(b).

With respect to issues that would pose potential environmental impacts associated with the proposed development Project we offer the following comments.

The Project is sited within the Central Kakaako area, where the existing infrastructure remains relatively unimproved. The Mauka Area Rules take into consideration the challenges for redevelopment in such an area and, consequently, allow a base floor area ratio of 1.5 unless the HCDA Executive Director

determines there to be adequate infrastructure for an increased floor area ratio of 3.5, in accordance with §15-217-57 *Adequate infrastructure*.

Based on the information provided by various State and County agencies and submitted by the Applicant, the HCDA Executive Director has found that the infrastructure in the area was adequate to support the development of the Project, therefore, the Project is allowed a floor area ratio of 3.5.

Additionally, a number of concerns offered by the public in testimony during the permitting process were related to the proposed Project's impact on surrounding properties. Staff reviewed the proposed plans and found the Project to be consistent with and conform to the Mauka Area Plan and Rules. The Project does not require any modifications from the Mauka Area Rules and is compatible with the existing and planned land use character of the surrounding area.

If you should have any questions regarding this matter, please contact Mr. Daniel Simonich of my staff at (808) 594-0333.

Sincerely,

Anthony J. H. Ching
Executive Director

AJHC/DN/DS:ak

September 4, 2015

Mr. Anthony J. H. Ching
Executive Director
Hawaii Community Development Authority
547 Queen Street
Honolulu, HI 96813

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Ching:

Thank you for your letter dated June 30, 2015 regarding the above-referenced project. The following are our responses to your comments.

1. *An Archaeological Inventory Survey (AIS) that is acceptable to the Department of Land and Natural Resources, State Historic Preservation Division is an outstanding requirement of the Development Permit for the Project.*

Discussion: As stated in Section 3.3.3 of the Draft EA, an AIS will be conducted for this project in compliance with the DLNR/SHPD requirements, satisfying the condition in the Development Permit KAK 13-091.

2. *We recommend planning, designing, implementing and maintaining the Project site in accordance with the following City and County of Honolulu and State of Hawaii Requirements and Guidelines, to the extent such Requirements and Guidelines are applicable to the Project:*
    a. *Best Management Practices (BMP) Manual for Construction Sites, November 2011;*
    b. *Rules Relating to Soil Erosion Standards and Guidelines, April 1999;*
    c. *Rules Relating to Storm Drainage Standards, effective June 1, 2013;*
    d. *The Revised Ordinances of Honolulu (ROH) – for grading, specifically Chapter 14, Public Works Infrastructure Requirements Including Fees and Services, 1990 as amended;*
    e. *Hawaii Administrative Rules (HAR), Title 11, Chapter 54 (11-54), Water Quality Standards; and*
    f. *HAR, Title 11, Chapter 55, Water Pollution Control – for construction runoff, specifically Appendix C, National Pollutant Discharge Elimination System (NPDES) General Permit Authorizing Discharges of Storm Water Associated with Construction Activities (expires December 5, 2018).*

Discussion: The construction of the Project will comply with the above-mentioned provisions and requirements, where applicable.

Thank you for your comments. Your comment letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

DAVID Y. IGE
GOVERNOR OF HAWAII

SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE
MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

July 20, 2015

Hawaii Planning LLC
Attn: Dennis Silva, Jr., Principal
7 Waterfront Plaza
500 Ala Moana Boulevard, Suite 400
Honolulu, HI 96813

via email: hawaiiplanningllc@gmail.com

Dear Mr. Silva,

SUBJECT: Draft Environmental Assessment (EA), 803 Waimanu

Thank you for the opportunity to review and comment on the subject matter. In addition to the comments sent to you dated July 7 and 9, 2015, enclosed are additional comments from the Commission on Water Resource Management on the subject matter. Should you have any questions, please feel free to call Supervising Land Agent Steve Molmen at (808) 587-0439. Thank you.

Sincerely,

Russell Y. Tsuji
Land Administrator

Enclosure(s)

DAVID Y. IGE
GOVERNOR OF HAWAII

SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
LAND DIVISION

POST OFFICE BOX 621
HONOLULU, HAWAII 96809

June 9, 2015

MEMORANDUM

RECEIVED
LAND DIVISION
2015 JUL 16 PM 2:58
DEPT. OF LAND & NATURAL RESOURCES
STATE OF HAWAII

TO: **DLNR Agencies:**
__Div. of Aquatic Resources
__Div. of Boating & Ocean Recreation
X Engineering Division
X Div. of Forestry & Wildlife
__Div. of State Parks
X Commission on Water Resource Management
X Office of Conservation & Coastal Lands
X Land Division – Oahu District
X Historic Preservation

FR:

TO:

FROM: Russell Y. Tsuji, Land Administrator
SUBJECT: Draft Environmental Assessment (EA), 803 Waimanu
LOCATION: TMKs: 2-1-049; 050, 070 & 072
APPLICANT: MJF Development Corporation by its agent, Hawaii Planning LLC

Transmitted for your review and comment on the above-referenced document. We would appreciate your comments on this document which can be found here:

1. Go to: https://sp01.ld.dlnr.hawaii.gov/LD
2. Login: Username: LD\Visitor Password: 0pa$$word0 (first and last characters are zeros)
3. Click on: Requests for Comments
4. Click on the subject file "Draft Environmental Assessment (EA), 803 Waimanu", then click on "Files" and "Download a copy". (Any issues accessing the document should be directed to Linda Kawakami at (808) 587-0371 or Linda.Kawakami@hawaii.gov)

Please submit any comments by July 7, 2015. If no response is received by this date, we will assume your agency has no comments. If you have any questions about this request, please contact Supervising Land Agent Steve Molmen at (808) 587-0439. Thank you.

Attachments

( ) We have no objections.
( ) We have no comments.
(x) Comments are attached.

Signed: /s/ W. Roy Hardy
Print Name: Acting Deputy Director
Date: July 15, 2015

FILE ID: RED 4680.3
DOC ID: 133371

DAVID Y. IGE
GOVERNOR OF HAWAII

SUZANNE D. CASE
CHAIRPERSON

WILLIAM D. BALFOUR, JR.
KAMANA BEAMER, PH.D.
MICHAEL G. BUCK
MILTON D. PAVAO
VIRGINIA PRESSLER, M.D.
JONATHAN STARR

W. ROY HARDY
ACTING DEPUTY DIRECTOR

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P.O. BOX 621
HONOLULU, HAWAII 96809

July 15, 2015

REF: RFD.4080.3

TO: Russell Tsuji, Administrator
Land Division

FROM: W. Roy Hardy, Acting Deputy Director
Commission on Water Resource Management

SUBJECT: Pre-Assessment Consultation for DEA, 803 Waimanu Street, Honolulu

FILE NO.:
TMK NO.: 2-1-049:050, 070 & 072

Thank you for the opportunity to review the subject document. The Commission on Water Resource Management (CWRM) is the agency responsible for administering the State Water Code (Code). Under the Code, all waters of the State are held in trust for the benefit of the citizens of the State, therefore, all water use is subject to legally protected water rights. CWRM strongly promotes the efficient use of Hawaii's water resources through conservation measures and appropriate resource management. For more information, please refer to the State Water Code, Chapter 174C, Hawaii Revised Statutes, and Hawaii Administrative Rules, Chapters 13-167 to 13-171. These documents are available via the Internet at http://www.hawaii.gov/dlnr/cwrm.

Our comments related to water resources are checked off below.

☐ 1. We recommend coordination with the county to incorporate this project into the county's Water Use and Development Plan. Please contact the respective Planning Department and/or Department of Water Supply for further information.

☐ 2. We recommend coordination with the Engineering Division of the State Department of Land and Natural Resources to incorporate this project into the State Water Projects Plan.

☐ 3. We recommend coordination with the Hawaii Department of Agriculture (HDOA) to incorporate the reclassification of agricultural zoned land and the redistribution of agricultural resources into the State's Agricultural Water Use and Development Plan (AWUDP). Please contact the HDOA for more information.

☒ 4. We recommend that water efficient fixtures be installed and water efficient practices implemented throughout the development to reduce the increased demand on the area's freshwater resources. Reducing the water usage of a home or building may earn credit towards Leadership in Energy and Environmental Design (LEED) certification. More information on LEED certification is available at http://www.usgbc.org/leed. A listing of fixtures certified by the EPA as having high water efficiency can be found at http://www.epa.gov/watersense/.

☒ 5. We recommend the use of best management practices (BMP) for stormwater management to minimize the impact of the project to the existing area's hydrology while maintaining on-site infiltration and preventing polluted runoff from storm events. Stormwater management BMPs may earn credit toward LEED certification. More information on stormwater BMPs can be found at http://hawaii.gov/dbedt/czm/initiative/lid.php.

☐ 6. We recommend the use of alternative water sources, wherever practicable.

☐ 7. We recommend participating in the Hawaii Green Business Program, that assists and recognizes businesses that strive to operate in an environmentally and socially responsible manner. The program description can be found online at http://energy.hawaii.gov/green-business-program

☒ 8. We recommend adopting landscape irrigation conservation best management practices endorsed by the Landscape Industry Council of Hawaii. These practices can be found online at http://www.hawaiiscape.com/wp-content/uploads/2013/04/LICH_Irrigation_Conservation_BMPs.pdf

☐ 9. There may be the potential for ground or surface water degradation/contamination and recommend that approvals for this project be conditioned upon a review by the State Department of Health and the developer's acceptance of any resulting requirements related to water quality.

Permits required by CWRM:
Additional information and forms are available at http://hawaii.gov/dlnr/cwrm/info_permits.htm.

☐ 10. The proposed water supply source for the project is located in a designated water management area, and a Water Use Permit is required prior to use of water. The Water Use Permit may be conditioned on the requirement to use dual line water supply systems for new industrial and commercial developments.

☐ 11. A Well Construction Permit(s) is (are) required before any well construction work begins.

☐ 12. A Pump Installation Permit(s) is (are) required before ground water is developed as a source of supply for the project.

☐ 13. There is (are) well(s) located on or adjacent to this project. If wells are not planned to be used and will be affected by any new construction, they must be properly abandoned and sealed. A permit for well abandonment must be obtained.

☐ 14. Ground water withdrawals from this project may affect streamflows, which may require an instream flow standard amendment.

☐ 15. A Stream Channel Alteration Permit(s) is (are) required before any alteration(s) can be made to the bed and/or banks of a stream channel.

☐ 16. A Stream Diversion Works Permit(s) is (are) required before any stream diversion works is (are) constructed or altered.

☐ 17. A Petition to Amend the Interim Instream Flow Standard is required for any new or expanded diversion(s) of surface water.

☐ 18. The planned source of water for this project has not been identified in this report. Therefore, we cannot determine what permits or petitions are required from our office, or whether there are potential impacts to water resources.

☐ OTHER:

If there are any questions, please contact Lenore Ohye of the Planning Branch at 587-0216.

September 4, 2015

Mr. Russell Y. Tsuji
Land Administrator
State of Hawaii
Department of Land and Natural Resources
P.O. Box 621
Honolulu, HI 96809

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Tsuji:

Thank you for your letter dated July 20, 2015 transmitting comments from the CWRM dated July 15, 2015, regarding the above-referenced project (Project). The following is our response to the comments.

Water efficient fixtures will be installed and water efficient practices will be implemented for this Project. Best Management Practices will also be implemented for this Project to prevent runoff from storm events. Landscaping BMPs will be implemented for this development to promote water conservation.

Your comment letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

July 8, 2015

Ken Takahashi
Hawaii Housing Finance Development Corporation
677 Queen Street
Honolulu, HI 96813

RE: Draft Environmental Assessment for 803 Waimanu Project

Dear Mr. Takahashi,

Pacific Resource Partnership (PRP) is a not-for-profit organization that represents the Hawaii Regional Council of Carpenters, the largest construction union in the state, and more than 240 of Hawaii's top contractors. Through this unique partnership, PRP has become an influential voice for responsible construction and an advocate for creating a stronger, more sustainable Hawaii in a way that promotes a vibrant economy, creates jobs and enhances the quality of life for all residents.

We would like to provide some comments regarding the Draft Environmental Assessment (DEA) for 803 Waimanu.

As noted in the DEA, section 2.4 Funding and Scheduling , it is anticipated that 803 Waimanu will apply for a Dwelling Unit Revolving Fund (DURF) loan through HHFDC pursuant to HRS Section 201H-191 and applicable Administrative Rules.

We would like to highlight that Hawaii Revised Statutes (HRS) 201H-82 would require the eligible bidder or eligible developer of a housing project developed under this subpart to comply with the requirements of section 104-2 for those laborers and mechanics hired to work on that housing project; provided that this section shall not apply to a housing project developed under this chapter if the entire cost of the project is less than $500,000 and the eligible bidder or eligible developer is a private nonprofit organization.

Thank you for the opportunity to comment on this matter.

Mahalo,

Brooke Wilson
Government Relations Manager

PRP
PACIFIC RESOURCE PARTNERSHIP

THE POWER OF PARTNERSHIP
WWW.PRP-HAWAII.COM
PHONE → 808.528.5557
1100 ALAKEA STREET / 4TH FLOOR
HONOLULU / HI 96813
TWITTER: @PRPHAWAII
WWW.FACEBOOK.COM/PACIFICRESOURCEPARTNERSHIP

September 4, 2015

Brooke Wilson
Government Relations Manager
Pacific Resource Partnership
1100 Alakea Street
Honolulu, HI 96813

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Ms. Wilson:

Thank you for your letter dated July 8, 2015 regarding the above-referenced project. The following is our response to your comments.

HRS §104-2 will apply. HRS §104-2 requires payment of State Prevailing Wages. Details about the implications of HRS §104-2 will be included in the Final EA.

Thank you for your comments. Your comment letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

DEPARTMENT OF COMMUNITY SERVICES
CITY AND COUNTY OF HONOLULU
715 SOUTH KING STREET, SUITE 311 ● HONOLULU, HAWAII 96813 ● AREA CODE 808 ● PHONE: 768-7762 ● FAX: 768-7792

KIRK CALDWELL
MAYOR

GARY K. NAKATA
DIRECTOR DESIGNATE

BARBARA YAMASHITA
DEPUTY DIRECTOR

July 1, 2015

Mr. Dennis Silva Jr., AICP
Hawaii Planning LLC
ASB Tower, Suite 2755
1001 Bishop Street
Honolulu, Hawaii 96813

Dear Mr. Silva:

SUBJECT: 803 Waimanu
Draft Environmental Assessment
TMK: (1) 2-1-049:050, 070, and 072

We have reviewed your letter dated June 5, 2015, and the enclosed draft environmental assessment of 803 Waimanu, located at, Tax Map Key (1) 2-1-049:050, 070, and 072.

Our review of the documents provided indicates the proposed project will have no adverse impacts on any Department of Community Services' activities or projects at this time.

Thank you for providing us with the opportunity to comment on this matter.

Sincerely,

GKN

Gary K. Nakata
Director Designate

GKN:jc

September 4, 2015

Mr. Gary K. Nakata
Director Designate
Department of Community Services
City and County of Honolulu
715 South King Street, Suite 311
Honolulu, Hawaii 96813

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Nakata:

We received your letter dated July 1, 2015 regarding the Draft Environmental Assessment for the above referenced project (Project). Thank you for confirming that the Project will have no adverse impact on Department of Community Services' activities or projects. Your letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

DEPARTMENT OF FACILITY MAINTENANCE

CITY AND COUNTY OF HONOLULU

1000 Ulu'ohia Street, Suite 215, Kapolei, Hawaii 96707
Phone: (808) 768-3343 • Fax: (808) 768-3381
Website: www.honolulu.gov

KIRK CALDWELL
MAYOR

ROSS S. SASAMURA, P.E.
DIRECTOR AND CHIEF ENGINEER

EDUARDO P. MANGLALLAN
DEPUTY DIRECTOR

IN REPLY REFER TO:
DRM 15-475

July 10, 2014

Mr. Dennis Silva, Jr., AICP
Principal
Hawaii Planning LLC
7 Waterfront Plaza
500 Ala Moana Boulevard, Suite 400
Honolulu, Hawaii 96813

Dear Mr. Silva:

SUBJECT: Draft Environmental Assessment (EA)
803 Waimanu
TMKs: 2-1-049: 050, 070 & 072

Thank you for the opportunity to review and provide our input regarding your letter dated June 5, 2015, on the above subject project.

TMK Nos. 2-1-049: 050, 070 & 072 are bordered by Waimanu and Kawaiahao Streets. These subject streets are private streets that are not maintained by the City and County of Honolulu. As such, we have no comments to the Draft EA.

If you have any questions, please call Mr. Kyle Oyasato of the Division of Road Maintenance at 768-3697.

Sincerely,

Ross S. Sasamura, P.E.
Director and Chief Engineer

September 4, 2015

Mr. Ross S. Sasamura, P.E.
Director and Chief Engineer
Department of Facility Maintenance
City & County of Honolulu
1000 Ulu'ohia Street, Suite 215
Kapolei, HI 96707

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Sasamura:

We received your letter dated July 10, 2015 regarding the above-referenced project. Though you had no comments, your letter will be included in the Final EA. Thank you for your response.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

HONOLULU AUTHORITY for RAPID TRANSPORTATION

IN REPLY REFER TO:
CMS-AP00ENV-00554

Daniel A. Grabauskas
EXECUTIVE DIRECTOR AND CEO

BOARD OF DIRECTORS

Ivan M. Lui-Kwan
CHAIR

Donald G. Horner
VICE CHAIR

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Michael D. Formby
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Colleen Hanabusa
William "Buzz" Hong
Damien T.K. Kim
Terrence M. Lee

July 6, 2015

Mr. Dennis Silva, AICP, Principal
Hawaii Planning, LLC
7 Waterfront Plaza
500 Ala Moana Boulevard, Suite 400
Honolulu, Hawaii 96813

Subject: 803 Waimanu Street
Tax Map Keys: 2-1-049: 050, 070, 072

Thank you for providing the Honolulu Authority for Rapid Transportation (HART) with the opportunity to comment on the proposed development project that includes 66 percent affordable units.

Please note that the above-stated project is within a quarter mile of HART's Civic Center Station located on Halekauwila Street between South and Keawe Street, and Kakaako Station on Ward Avenue and Queen Street. HART supports the development of both multi-family and affordable housing within a half mile of the station.

If you have any questions regarding this matter, please do not hesitate to contact Ms. Aki Marceau, Land Use and Sustainability Manager, at amarceau@honolulu.gov or 768-6177.

Sincerely,

Daniel A. Grabauskas
Executive Director and CEO

CITY AND COUNTY OF HONOLULU, Alii Place, Suite 1700, 1099 Alakea Street, Honolulu, Hawaii 96813
Phone: (808)768-6159 Fax: (808)768-5110 www.honolulutransit.org

September 4, 2015

Mr. Daniel A. Grabauskas
Executive Director and CEO
Honolulu Authority for Rapid Transit
City and County of Honolulu
Alii Place, Suite 1700
1099 Alakea Street
Honolulu, Hawaii 96813

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Grabauskas:

Thank you for your letter dated July 6, 2015 regarding the Draft Environmental Assessment for the above referenced project. We appreciate your support of the Project. Your letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

OFFICE OF PLANNING
STATE OF HAWAII

DAVID Y. IGE
GOVERNOR

LEO R. ASUNCION
ACTING DIRECTOR
OFFICE OF PLANNING

235 South Beretania Street, 6th Floor, Honolulu, Hawaii 96813
Mailing Address: P.O. Box 2359, Honolulu, Hawaii 96804

Telephone: (808) 587-2846
Fax: (808) 587-2824
Web: http://planning.hawaii.gov/

Ref. No. P-14801

July 1, 2015

Mr. Dennis Silva, Jr., AICP
Hawaii Planning LLC
1001 Bishop Street
ASB Tower, Suite 2755
Honolulu, Hawaii 96813

Dear Mr. Silva:

Subject: Draft Environmental Assessment for the Proposed Condominium Project with a Mix of 123 Studios, 29 One-bedrooms and one Two-bedroom Unit, 803 Waimanu Street, Mauka Area of the Kakaako Community Development District, Honolulu, Hawaii; Tax Map Key: (1) 2-1-049: 050, 070 and 072

Thank you for the opportunity to provide comments on the Draft Environmental Assessment (EA), received June 8, 2015, for the proposed condominium project.

According to the subject Draft EA, MJF Development Corporation proposes to develop a 7-story mid-rise condominium titled "803 Waimanu" within the Mauka Area of Kakaako Community Development District (CDD), Oahu. The proposed condominium will consist of 153 residential dwelling units and 91 parking stalls.

The project is subject to the Kakaako CDD Mauka Area Rules and Plan, and Kakaako Reserved Housing Rules administered by the Hawaii Community Development Authority (HCDA). HCDA approved the proposed project on January 8, 2014, with a project development permit number KAK-13-091.

The project intends to use State funds through the Hawaii Housing Finance & Development Corporation (HHFDC) Dwelling Unit Revolving Fund Program, and provide affordable housing to moderate-income households. Use of State funds triggers the requirements of Hawaii Revised Statutes (HRS) Chapter 343. The subject EA is prepared in compliance with HRS Chapter 343.

The Office of Planning (OP) has reviewed the Draft EA and has the following comments to offer.

1. With only 91 parking stalls, 62 studio units of the proposed condominium will be constructed without parking. The elimination of parking stalls will increase housing affordability and promote walking, biking and using public transportation. The

subject property site is within the Transit-Oriented Development Overlay Plan area which will maximize access to public transportation. Given that the proposed condominium project is anticipated to be completed in March 2017, the Final EA should discuss the anticipated schedules as to when the Honolulu Rail Transit will be operational for public transportation. This assessment information will help market the proposed condominium units.

2. **Appendix C, A Literature Survey of Previous Archaeological Studies in the Vicinity of the Proposed 803 Waimanu Housing Project**, concludes that excavations in the project area may discover pre- or post-contact human burials, and is highly likely to reveal buried remnants of previous buildings and historic utility trenches. Page 24, the Draft EA states that the developer will prepare an Archaeological Inventory Survey (AIS) after the existing buildings at the subject project site are demolished per the HCDA condition of approval. The Final EA should include proposed mitigation measures that will be taken should human burials be discovered.

3. **3.3.6.2 Traffic Impact Analysis**, pages 28 to 34, at the time of completion of the Traffic Impact Analysis Report (TIAR), the project was projected to be completed in the year 2015. The TIAR used the projected 2015 level of service of "with project" and "without project" for traffic impact analysis, conclusions and recommendations. The Final EA should address the validity of the TIAR as the construction of the project is anticipated to be completed in March 2017.

4. **2.2.3** Transit-Oriented Development (TOD). The proposed site is within the TOD area, ¼ mile away from the Civic Center Rail Station, and promotes the type of development that should be strongly encouraged within the TOD area.

If you have any questions regarding this comment letter, please contact Shichao Li of our CZM Program at (808) 587-2841.

Sincerely,

Leo R. Asuncion
Acting Director

c: Ms. Janice Takahashi, HHFDC
Mr. Luis P. Salaveria, Director
Department of Business, Economic Development and Tourism

September 4, 2015

Mr. Leo R. Asuncion
Acting Director
Office of Planning
State of Hawaii
PO Box 2359
Honolulu, Hawaii 96804

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Asuncion:

Thank you for your letter dated July 1, 2015 regarding the Draft Environmental Assessment for the above referenced project ("Project").

The following are our responses to your comments:

1. *The Final EA should discuss the schedules as to when the Honolulu Rail Transit will be operational for public transportation.*

Discussion: Section 3.3.11 of the Final EA will discuss the schedules as to when the Honolulu Rail Transit will be operational for public transportation.

2. *The Final EA should discuss proposed mitigation measures that will be taken should human burials be discovered on site.*

Discussion: The Final EA will discuss proposed mitigation measures that will be taken should human burials be discovered on site.

3. *The TIAR used projected 2015 level of service of "with project" and "without project" for traffic impact analysis, conclusions, and recommendations. The Final EA should address the validity of the TIAR as the construction of the project is anticipated to be completed in March 2017.*

Discussion: The Final EA will discuss the validity of the TIAR given the change in the Project's timing.

4. *The proposed site is within the TOD area, ¼ mile away from the Civic Center Rail Station, and promotes the type of development that should be strongly encouraged within the TOD area.*

Thank you for your comments. Your letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

Pamela B. Wood

725 Kapiolani Blvd., #3002
Honolulu, HI 96813
808.781.1732 pwood229@gmail.com

DELIVERED BY E-MAIL
hawaiiplanningllc@gmail.com

Mr. Dennis Silva, Jr., AICP
Hawaii Planning LLC
American Savings Bank Tower
1001 Bishop Street, Suite 2755
Honolulu, HI 96813

July 8, 2015

Dear Mr. Silva:

Re: Environmental Assessment
803 Waimanu Street, Honolulu, Hawaii
Tax Map Keys: 2-1-049: 050, 070 & 072

On November 19, 2014 I submitted a letter outlining the personal experience and explaining the practical concerns of The Imperial Plaza residents living next door to the 803 Waimanu project. Your reply dated January 9, 2015 stated:

1. "803 Waimanu has adequate sewer and has an approved Sewer Connection Application with the City and County of Honolulu (2013/SCA-0848)."

2. "HCDA stated in their comment letter for this project dated November 13, 2014 that 803 Waimanu is allowed for a 3.5 FAR."

First, regarding the sewer application, has anyone confirmed the age of the existing line along Kawaiahao Street? According to the City and County of Honolulu Sewer Map, the two sewer lines on Kawaiahao Street, between Ward and Cooke, are dated 6/30/1897 and 4/15/1919. No one has disputed these dates. Regardless of whether the project has an approved Sewer Connection Application, has any professional determined this infrastructure is adequate?

Second, the decision to increase the FAR from 1.5 to 3.5 was based on the decision of one person, the Executive Director of the Hawaii Community Development Authority. There was no public hearing; no review by city or state agencies asking if the infrastructure was adequate. Our State and County representatives along with residents have asked HCDA for a detailed explanation of:

- The reason the FAR, for Tax Map Keys: 2-1-049: 050, 070 & 072 in the Central Kakaako Neighborhood, was deemed inadequate and set at 1.5 when Chapter 217, Mauka Area Rules and Plan, became effective in 2011.
- The specific improvements that have been completed or the improvement districts that have been established that would now demonstrate the infrastructure has become adequate.

To date we have not received an adequate reply, yet the Executive Director's decision continues to be the standard for which the determination has been made that the infrastructure is adequate.

The 2009 FSEIS (Final Supplemental Environmental Impact Statement) and the 2011 Mauka Area Rules and Plan described the infrastructure deficiencies in the Central Kakaako Neighborhood. Central Kakaako was described as a congested industrial neighborhood with inadequate storm drainage, rugged street surfaces, narrow vehicular travel lanes and very limited parking, most of which consists of informal use of streets and front yards.

The Executive Director's decision to increase the FAR from 1.5 to 3.5 for the 803 Waimanu project does not address limited parking, rough roads, inadequate drainage, and lack of sidewalks and curbs that were included as concerns in the original 1983 EIS and again in the 2009 FSEIS and the 2011 Mauka Area Rules and Plan. Nor does it address the lack of Public Facilities or the fact Kawaiahao Street cannot be widened to meet city standards. In fact HCDA's power point presentation, found on its website under Frequently Asked Questions: Will there be adequate infrastructure in Kakaako, shows there have been no infrastructure improvements or Improvement Districts in the Central Kakaako Neighborhood.

After reviewing future improvement plans for the City and County Board of Water Supply Roadway Projects (water supply); Department of Design and Construction (Public Infrastructure/Road Repaving); and, the Department of Environmental Services (Sewer) it appears there are no plans for any infrastructure improvements in the Central Kakaako Neighborhood, or any comprehensive planned upgrades for Public Infrastructure, e.g. wastewater treatment, storm drainage, water pumping stations or schools. It also appears these three departments operate separately from the Department of Planning and Permitting, the department that approved the 803 Waimanu Sewer Connection Application.

A July 23, 2013 letter from the Director of the Department of Environmental Services states, "Hawaii Community Development Authority (HCDA) has not made the projected wastewater upgrade improvements since publication of the revised Mauka Area Plan in 2011. We will follow up with HCDA on the $49.482 million proposed for upgrades." This department provided a map showing the size and age of sewer lines within Mauka Kakaako. The sewer lines along Kawaiahao and Waimanu Streets, running from Cooke to Ward Avenue are described as follows: 1) 8" 6/30/1897; 2) 8" 4/15/1919; and 3) 6" 9/5/1925.

The Executive Director is using his authority to determine unilaterally the infrastructure is adequate, without any of the necessary infrastructure improvements being made. The FAR (density) can be more than doubled (from 1.5 to 3.5) on any unimproved parcel in Central Kakaako at the Executive Director's discretion. Existing residents and Hawaii taxpayers need to insure *"the infrastructure within the CK neighborhood zone has been sufficiently upgraded pursuant to an improvement district or other public facilities project"* 15-217-57(c), prior to increasing the FAR from 1.5 to 3.5. If land owners and/or developers are not required to make these improvements, the entire burden will be placed on taxpayers.

LASTLY, I note, on page 28, the data collection process for the Traffic Impact Analysis Report was to include field observations of the Kawaiahao Street/Imperial Plaza Driveway. However, results at this location were not included in subsequent Tables. In addition, it appears, the data collection did not include pedestrian traffic congestion created during the lunch hour and the effect this has on traffic. No remedy is offered for the illegal and reserved parking that create blind spots when traveling Ewa on Kawaiahao Street when trying to pass through or making left or right turns into Cooke Street. It also does not offer a plan to address the substandard width of Kawaiahao Street in front of the Imperial Plaza Garage. During the morning rush hour, both the planned 803 Waimanu and The Imperial Plaza will experience congestion, queuing within parking garages, and difficulty making left turns from parking garages in an effort to travel Diamond Head towards Ward Avenue.

I sincerely appreciate the opportunity to comment on the 803 Waimanu project and the impact it will have on the neighborhood.

Sincerely,

Pamela B. Wood

Pamela B. Wood

Cc: Representative Scott Saiki
Councilmember Carol Fukunaga
Ken Takahashi, Hawaii Housing Finance & Development Corporation
Franco Mola, MJF Development Corporation

September 4, 2015

Ms. Pamela B. Wood
725 Kapiolani Blvd., #3002
Honolulu, Hawaii 96813

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Ms. Wood:

Thank you for your letter dated July 8, 2015 regarding the Draft Environmental Assessment for the above referenced project ("Project").

The following are our responses to your comments:

1. *First, regarding the sewer application, has anyone confirmed the age of the existing line along Kawaiahao Street? According to the City and County of Honolulu Sewer Map, the two sewer lines on Kawaiahao Street, between Ward and Cooke, are dated 6/30/1897 and 4/15/1919. No one has disputed these dales. Regardless of whether the project has an approved Sewer Connection Application has any professional determined this infrastructure is adequate?*

Discussion: The DPP has approved the Sewer Connection Application and has professional engineers on staff that specialize in sewer infrastructure. It will be noted in the Final EA that there are community members concerned about the adequacy of sewer infrastructure.

2. *Second, the decision to increase the FAR from 1.5 to 3.5 was based on the decision of one person, the Executive Director of the Hawaii Community Development Authority. There was no public hearing; no review by city or state agencies asking if the infrastructure was adequate.*

Discussion: Section 15-217-57(d) of the Mauka Area Rules provides that where the HCDA Executive Director finds that the public infrastructure is adequate to support a project within the Central Kaka'ako neighborhood zone, or where a project would construct improvements to infrastructure to be sufficient to accommodate the subject project and future developments, the HCDA Executive Director may elect to waive the FAR limitations. For this particular Project there were public hearings held on November 6, 2013 and January 8, 2014. There were also public hearings held prior to the adoption of the Mauka Area Plan and Mauka Area Rules. In this instance the Executive Director, Anthony Ching, stated the following at the January 8, 2014 public hearing:

> "With respect to adequacy of infrastructure, section 15-217-57 of our rules currently requires that the executive director make a determination with respect to the adequacy of infrastructure. I do note that the Department of Planning and Permitting Wastewater Branch, and I apologize for the typo [sic], has approved sewer connection permits for the Project…I note that in 1993 we completed Improvement

> District project 3, ID3 in the area that included a sewer upgrade on Cooke Street. And noting that the Applicant is proposing the frontage improvements that have been described, and based on comments from the city and county agencies that I've previously listed, infrastructure in the neighborhood would appear to be adequate to support the Project. So as provided for in our Rules 15-217-57C and D of the Mauka Area Rules, that it would be my finding that there's adequate infrastructure in the area to support a density floor area ratio of 3.5.
>
> I do note that in making this determination that comments received from the city and county agencies, Department of Environmental Services, Transportation Services, Planning and Permitting, Board of Water Supply, that they raise no infrastructure concerns. And note that sewage connection, wastewater connection had been previously issued.
>
> I note that this determination of mine that there's adequate infrastructure will not release the developer from responsibility for any Project-specific improvements that are identified in the course of governmental review. I do note that the developer would be required, if the Authority were to approve this application, that they would be required to participate in any future HCDA improvement district projects as a function proportional to their frontage and benefit that they would have to that particular or any particular ID Project.
>
> I do note that the onsite improvements are proposed by the developer will improve local conditions by providing the frontage, the sidewalk frontage, as well as removing or requiring that they would be handling any stormwater runoff onsite. So therefore it is my determination that for these reasons and the seeming concurrence from the city and county that there's adequate infrastructure in the area to support a FAR, a floor area ratio, density of 3.5."

As can be seen from the quotation above, HCDA conversed with the respective agencies to evaluate sewer infrastructure, and no concerns were raised. We note your concern over whether the agencies are making a valid determination and will include these comments in the Final EA.

3. *The Executive Director's decision to increase the FAR from 1.5 to 3.5 for the 803 Waimanu project does not address limited parking, rough roads, inadequate drainage, and lack of sidewalks and curbs that were included as concerns in the original 1983 EIS and again in the 2009 FSEIS and the 2011 Mauka Area Rules and Plan. Nor does it address the lack of Public Facilities or the fact Kawaiahao Street cannot be widened to meet city standards.*

Discussion: The Project is consistent with the Mauka Area Plan and Rules, which do not require any parking for the Project, so the Project is providing 92 parking stalls over what is required in the Plan and Rules. The Project will include construction of sidewalks, and any improvements to Waimanu and Kawaihao Streets related to the Project will meet City standards should the ownership and jurisdiction of the roads be transferred to the City in the future. The Project will pay an approximately $373,000 Public Facilities In-Lieu Fee to support local public facilities.

4. *You expressed several concerns over the validity of the Traffic Impact Analysis Report ("TIAR").*

Discussion: The intent of the TIAR was to provide HCDA with an analysis of traffic impacts during the permitting process. HCDA found the study sufficient and approved the project as proposed.

In compliance with DPP's comments on the draft EA, the Applicant will meet with the DPP's Traffic Review Branch ("TRB") prior to submitting construction plans to review circulation and access issues. An update to the TIAR may be required at that time, in which case your comments on the TIAR will be provided to the traffic consultant to make sure they are incorporated. DPP's comments also indicate that a post study should be conducted one year after first occupancy, to identify the multi-modal activities or person trips being generated by the residents of this residential project. Of particular interest is the number of vehicular, bicycle, pedestrian, and pedestrian/transit trips occurring during the peak periods of travel. Also, the impact to the inventory of public street parking should be considered, due to the ratio of dwelling units to parking stalls.

Thank you for your comments and your continued attentiveness to the Project's impact on the neighborhood. Your comments will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

CITY COUNCIL
CITY AND COUNTY OF HONOLULU
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CAROL FUKUNAGA
HONOLULU CITY COUNCIL, DISTRICT 6
PHONE: 768-5006 FAX: 768-1199
EMAIL: cafukunaga@honolulu.gov

July 8, 2015

Mr. Ken Takahashi
Hawaii Housing Finance & Development Corporation
677 Queen Street
Honolulu, Hawaii 96813

Mr. Franco Mola
1541 S. Beretania Street, 4th Floor
Honolulu, Hawaii 96818

Mr. Dennis Silva, Jr.
Hawaii Planning, LLC
1001 Bishop Street, Suite 2755
Honolulu, Hawaii 96813

Dear Mr. Takahashi, Mr. Mola and Mr. Silva,

Thank you for the opportunity to provide comments on MJF Development Corporation's Draft Environmental Assessment (EA) regarding its proposed 7-story condominium project at 803 Waimanu Street, TMKs: 2-1-049: 050, 070 and 072.

Although the applicant obtained approval of its Development Permit application from Hawaii Community Development Authority (HCDA) on January 8, 2014, I am writing to express strong concerns about various environmental/land use impacts of the project that remain unresolved.

Area legislators (Representatives Scott Saiki, Tom Brower, Della Au Belatti, Senators Brickwood Galuteria and Suzanne Chun Oakland, and Councilmember Kobayashi and I) raised a number of concerns on November 4, 2013 regarding the adequacy of existing infrastructure that could justify the HCDA Executive Director's determination that an increase in the Floor Area Ratio (FAR) from 1.5 to 3.5 was warranted.

Our questions regarding the lack of adequate information provided by HCDA or by City agencies with jurisdiction over transportation, sewer and water infrastructure have not been addressed by the agencies since that time.

Moreover, the Draft EA studies and appendices do not appear to fully account for traffic, infrastructure and related conditions in this section of the busy Kapiolani corridor that will be affected by completion of the ***Symphony*** (Kapiolani/Ward corner) and the two residential towers of the ***801 South (A and B)*** project on

Kapiolani Boulevard/ Cooke Street prior to the completion of the ***803 Waimanu*** project. These projects comprise 1,433 new residential units within the 3-block area surrounding the ***803 Waimanu*** project (*reference: HCDA website*).

For example, the traffic improvement assessment report (TIAR) for the ***803 Waimanu*** project states that the project was projected for completion in Year 2015, which was used as the horizon year for traffic analysis (*page 30, Draft Environmental Assessment*).

I have the following questions regarding assumptions and analyses undertaken in the TIAR:

1. The Draft Environmental Assessment TIAR lists field observations for the study area intersections undertaken during November 6-7, 2013, during AM and PM peak periods. Did the TIAR study team consider and undertake subsequent field observations to compare study conditions evaluated in 2013 - before the Symphony and 801 South project construction phases were substantially underway - with today's conditions in 2015?

2. What assumptions has the TIAR made regarding the numbers of new developments located in the blocks between Ward Avenue/Kapiolani Boulevard, Cooke Street/Kapiolani Boulevard and South Street/Kapiolani Boulevard?

3. Did the TIAR analysis include potential numbers of vehicles that might be associated with the Symphony and 801 South development projects, both of which will be completed at the same time or before the 803 Waimanu project if the 803 Waimanu project's construction start takes place in 2016, and completion takes place in 2017)? If not, what assumptions should a revised TIAR make regarding the numbers of vehicles expected to be associated with the two residential projects?

4. Did the TIAR Summary of Results include any analysis of the numbers of traffic vehicles that might be associated with the Symphony and 801 South development projects, both of which would substantially impact traffic conditions at the intersections included in the TIAR review study (*pages 30-31, Draft Environmental Assessment*)?

5. If the TIAR Summary of Results and analysis of traffic conditions did not take into account the numbers of vehicles that might be associated with the Symphony and 801 South development projects, will the applicant update its field observations and Summary of Results to reflect current conditions that will affect traffic/pedestrian safety in and around the 803 Waimanu project site at the time of its completion in 2017?

6. What impact do claims of private ownership over Waimanu and Kawaiahao Streets have on the proposed use of Waimanu Street via a one-way in driveway into the 803 Waimanu project, and exiting via a one-way out driveway onto Kawaiahao Street? To what extent will City/State agencies be able to properly signal and direct traffic flow in and out of the development project?

7. Will the proposed access in/access out traffic flow on Waimanu Street and Kawaiahao Street be feasible with the addition of the projected numbers of vehicles that may be associated with the 801 South project, particularly for peak hour traffic flow at the Dreier Street/Kapiolani Boulevard and Cooke Street/Kawaiahao intersections? Has an analysis of the proposed access in/access out traffic flow been conducted, that reflects higher numbers of vehicles?

8. Will the 803 Waimanu project applicant be responsible for correcting problems cited by neighbors that involve visibility at the Waimanu Street/Dreier Street T-intersection, potential blind spots with pedestrian traffic/motorists turning left or right from Kawaiahao Street? Does the 803 Waimanu project applicant propose to reduce on-street parking near the Cooke/Kawaiahao Streets intersection to improve pedestrian/traffic safety?

9. How will the applicant address parking for those of its units that will not include on-site parking as part of the mix? Does the applicant anticipate that residents in the 62 units without on-site parking will not own private vehicles or will be able to find/utilize on-street parking on surrounding streets?

Second, with respect to sewer and storm water infrastructure under the City's jurisdiction, the only documentation of the adequacy of existing sewer infrastructure in this area is the one-page May 2, 2014 Sewer Condition Application Approval (*Appendix G, pages 1238-1239, Draft Environmental Assessment*). While the application approval is valid for a 2-year period, construction must be commenced during that time frame.

However, HCDA's October 30, 2013 response to Representative Scott Saiki and area legislators identified on page 1 of these comments noted that the 2009 Environmental Impact Statement for the Kakaako District identified an existing 8-inch waterline on Kawaiahao Street, a 9-inch sewer line on Kawaiahao Street, a stormwater drain line on Dreier Street, and a 2-inch natural gas line on Kawaiahao Street, among others.

HCDA further noted that for future development demands by 2030, "infrastructure improvements in Central Kakaako might necessitate including a stormwater catch basin on Waimanu Street and Kawaihao Street" (*HCDA Response, citing 2009 EIS-Appendix E, Mauka Area Infrastructure Plan*).

As such, I have the following questions regarding the adequacy of the City's wastewater and storm water infrastructure with the project's connection approval:

1. Since the Draft EA acknowledges that Waimanu Street and Kawaihao Street are private roads (*page 39, Draft Environmental Assessment*), who is responsible for repairs to the existing waterline on Kawaiahao Street, the sewer line on Kawaiahao Street, and stormwater drain line on Dreier Street?

2. According to 2014-2015 Department of Environmental Services' (ENV) presentations to state and city policymakers regarding the adequacy of its sewer infrastructure for Transit-Oriented-Development planning purposes, the sewage infrastructure in the area in which the 803 Waimanu project will be located is presently at "current capacity" (depicted as red lines, with pipes at least 24" in size, *see attached diagram from January 15, 2015 ENV presentation before City Council Public Works, Infrastructure and Sustainability Committee*).

   If repairs to the waterline, sewerline and stormwater drain on Kawaihao Street and Dreier Street are needed during or after construction of the 803 Waimanu project, is the project applicant responsible for making the necessary repairs?

3. What assumptions for wastewater and stormwater infrastructure did the applicant rely upon for the Sewer Condition Application approval? Did the applicant's assumptions include the impacts of the numbers of new units being constructed at the Symphony and 801 South projects in the immediate vicinity of the 803 Waimanu project?

4. If the applicant's assumptions for the Sewer Condition Application did not include the impacts of new units from adjacent residential projects, and future infrastructure improvements like a stormwater catch basin on Waimanu Street and Kawaiahao Street are needed at the time that the 803 Waimanu project completes construction in 2017, who is responsible for undertaking the infrastructure improvements?

Finally, in response to neighboring residents' concerns regarding the ***803 Waimanu*** project site, I raise the following questions:

1. What actions is the applicant taking to address Imperial Plaza concerns regarding construction impacts to its structure, plans for construction staging and access to properties, the impacts of a planned loading zone for large trucks upon the neighboring building, and plans for drop-offs for deliveries and residential guests on Waimanu and Kawaihao Streets?

2. What actions will the applicant take to mitigate loss of privacy, open space and sunlight concerns for Imperial Plaza residents whose units will be impacted by the 803 Waimanu project's design and site placement on the neighboring property (e.g., at least up to the 65' height level)?

Thank you for the opportunity to submit comments regarding the Draft Environmental Assessment for the ***803 Waimanu*** project.

Sincerely,

Carol Fukunaga

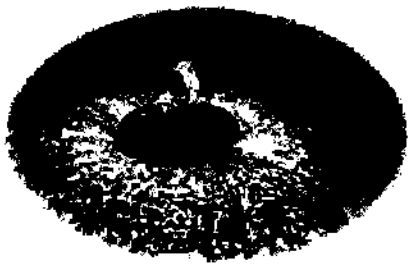
Councilmember Carol Fukunaga, District 6

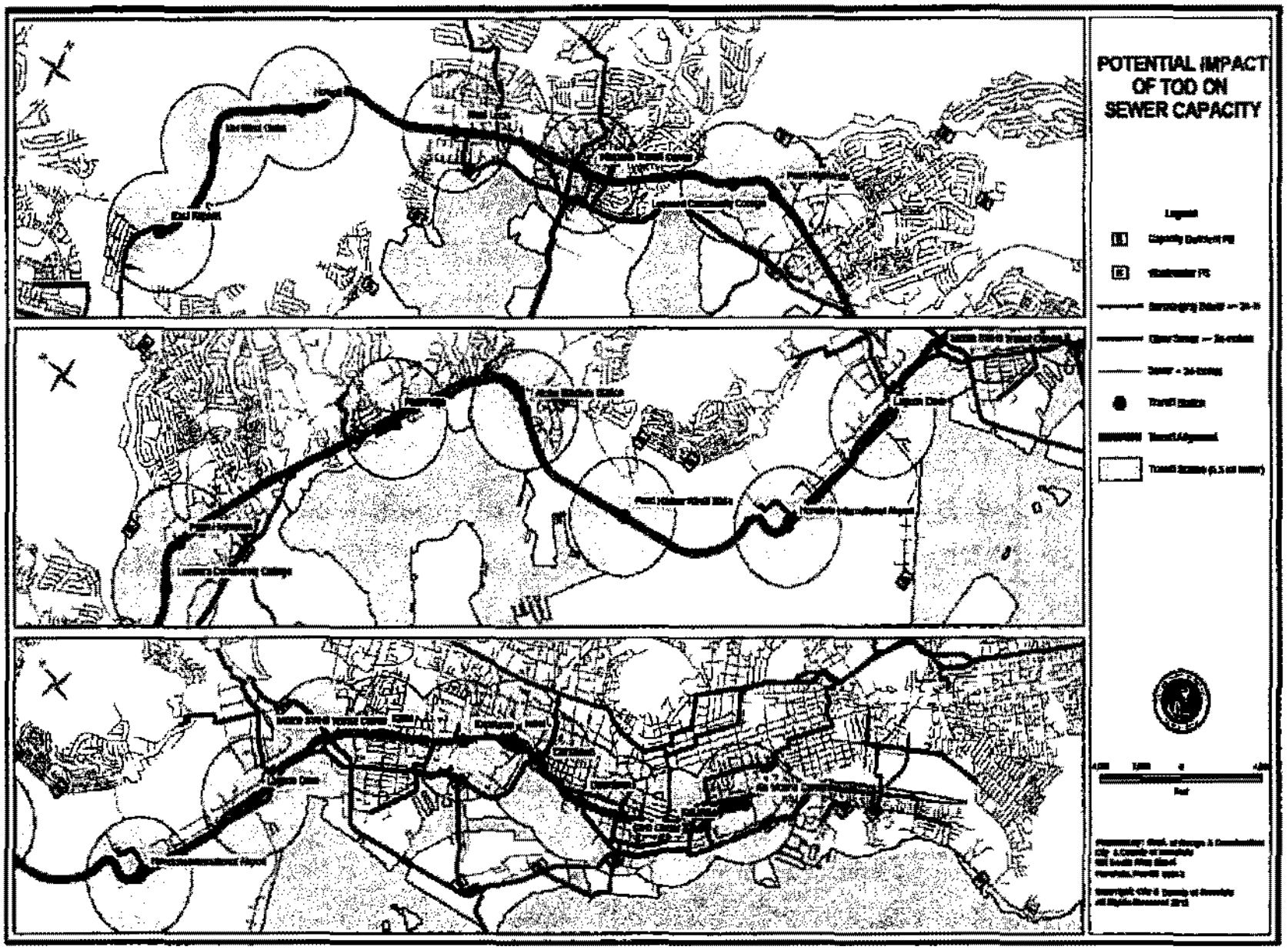
CURRENT CAPACITY ISSUES (SOLIDS AND LIQUIDS)

- Sand Island Wastewater Treatment Plant (SIWWTP) Digester is already at capacity

- Current capacity issues are depicted as red lines
  - As additional information provided, map will be updated

- Assumptions include:
  - Only pipes >24" were identified
  - 5-year storm
  - Full-pipe is considered surcharging
  - Projects on a red line or cause a red line will be further discussed




POTENTIAL IMPACT
OF TOD ON
SEWER CAPACITY
Legend

September 1, 2015

Ms. Carol Fukunaga
Honolulu City Council, District 6
530 S. King Street, Room 202
Honolulu, Hawaii 96813-3065

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Council Member Fukunaga:

Thank you for your letter dated July 8, 2015 regarding the Draft Environmental Assessment for the above referenced project ("Project").

The following are our responses to your comments:

PART 1 - TIAR

1-5. You expressed several concerns over the validity of the Traffic Impact Analysis Report ("TIAR") included as Appendix E of the Draft EA. The following discussion addresses your questions 1-5.

Discussion: The intent of the TIAR was to provide HCDA with an analysis of traffic impacts during the permitting process. HCDA found the study sufficient and approved the project as proposed. The study used the best information available at the time, including applying a growth rate to existing 2013 traffic counts to project 2015 traffic counts. In compliance with DPP's comments on the draft EA, the Applicant will meet with the DPP's Traffic Review Branch ("TRB") prior to submitting construction plans to review circulation and access issues. An update to the TIAR may be required at that time, in which case your comments on the TIAR will be provided to the traffic consultant to make sure they are incorporated. DPP's comments also indicate that a post study a should be conducted one year after first occupancy, to identify the multi-modal activities or person trips being generated by the residents of this residential project. Of particular interest is the number of vehicular, bicycle, pedestrian, and pedestrian/transit trips occurring during the peak periods of travel. Also, the impact to the inventory of public street parking should be considered, due to the ratio of dwelling units to parking stalls.

6. *What impact do claims of private ownership over Waimanu and Kawaiahao Streets have on the proposed use of Waimanu Street via a one-way in driveway into the 803 Waimanu project, and exiting via a one-way out driveway onto Kawaiahao Street? To*

what extent will City/State agencies be able to properly signal and direct traffic flow in and out of the development project?

Discussion: Because Waimanu Street and Kawaihao Street are private roads, the Applicant is consulting with the City and County of Honolulu's DPP – Traffic Review Branch (TRB) and the Department of Facilities Maintenance (DFM) to assess any implications of private ownership. The City has recommended that street upgrades and design comply with City standards as the street ownership may be transferred to the City in the future.

7. *Will the proposed access in/access out traffic flow on Waimanu Street and Kawaiahao Street be feasible with the addition of the projected numbers of vehicles that may be associated with the 801 South project, particularly for peak hour traffic flow at the Dreier Street/Kapiolani Boulevard and Cooke Street/Kawaiahao intersections? Has an analysis of the proposed access in/access out traffic flow been conducted, that reflects the higher numbers of vehicles?*

Discussion: Please see response to Questions 1-5.

8. *Will the 803 Waimanu project applicant be responsible for correcting problems cited by neighbors that involve visibility at the Waimanu Street/Dreier Street intersection, potential blind spots with pedestrian traffic/motorists turning left or right from Kawaiahao Street? Does the 803 Waimanu project applicant propose to reduce on-street parking near the Cooke/Kawaiahao Streets intersection to improve pedestrian/traffic safety?*

Discussion: The TIAR recommends restricting parking on the mauka side of Kawaihao Street fronting the property for 115' in each direction of the project driveway. This restriction would cover the area between the Imperial Plaza driveway and the Diamond Head property line of 803 Waimanu. Approximately four (4) parking stalls would be displaced. The Applicant will work with the appropriate City/County and State agencies to implement this recommendation and any other recommended improvements for pedestrian and vehicular safety.

9. *How will the applicant address parking for those of its units that will not include on-site parking as part of the mix? Does the applicant anticipate that residents in the 62 units without on-site parking will not own private vehicles or will be able to find/utilize on-street parking on surrounding streets?*

Discussion: The Project is consistent with the Mauka Area Plan and Rules, which do not require any parking for the Project, so the Project is providing 92 parking stalls over what is required in the Plan and Rules. The studios without parking are specifically designed for lower income residents (80% AMI) who are less likely to own a vehicle in this transit rich location. The Frequently Asked Questions concerning the HCDA Rules and TOD Overlay states, "currently there are several public parking garages in the KCDD that area available to the public. There is also metered and unmetered street parking available throughout the area."

PART 2 – Infrastructure

1-4. Several concerns were raised over the adequacy of the City's wastewater and stormwater infrastructure.

Discussion: The DPP and other City/County/State agencies are generally responsible for judging the sufficiency of stormwater and wastewater infrastructure. HCDA Executive Director, Anthony Ching, stated the following at the January 8, 2014 public hearing for approval of the Project:

> "With respect to adequacy of infrastructure, section 15-217-57 of our rules currently requires that the executive director make a determination with respect to the adequacy of infrastructure. I do note that the Department of Planning and Permitting Wastewater Branch, and I apologize for the typo [sic], has approved sewer connection permits for the Project…I note that in 1993 we completed Improvement District project 3, ID3 in the area that included a sewer upgrade on Cooke Street. And noting that the Applicant is proposing the frontage improvements that have been described, and based on comments from the city and county agencies that I've previously listed, infrastructure in the neighborhood would appear to be adequate to support the Project. So as provided for in our Rules 15-217-57C and D of the Mauka Area Rules, that it would be my finding that there's adequate infrastructure in the area to support a density floor area ratio of 3.5.
>
> I do note that in making this determination that comments received from the city and county agencies, Department of Environmental Services, Transportation Services, Planning and Permitting, Board of Water Supply, that they raise <u>no infrastructure concerns</u>. And note that sewage connection, wastewater connection had been previously issued.
>
> I note that this determination of mine that there's adequate infrastructure will not release the developer from responsibility for any Project-specific improvements that are identified in the course of governmental review. I do note that the developer would be required, if the Authority were to approve this application, that they would be required to participate in any future HCDA improvement district projects as a function proportional to their frontage and benefit that they would have to that particular or any particular ID Project."

As can be seen from the quotation above, HCDA conversed with the respective agencies to evaluate sewer and stormwater infrastructure, and no concerns were raised. We note your concern over whether the agencies are making a valid determination and will include these comments in the Final EA. In their comment letter for the Draft EA, HCDA recognized that the 2009 Final EIS for the Mauka Area makes reference to the need for a new catch basin on Waimanu Street and a new drain inlet on Kawaiahao Street. This verbiage will be added to the Final EA. From HCDA's quotation above, it is clear that the Project will bear its fair share of any infrastructure-related expenses.

PART 3 – Neighborhood Concerns

1. What actions is the applicant taking to address Imperial Plaza concerns regarding construction impacts to its structure, plans for construction staging and access to properties, the impacts of a planned loading zone for large trucks upon the neighboring building, and plans for drop-offs for deliveries and residential guests on Waimanu and Kawaiahao Streets?

Adverse impacts that cannot be avoided are generally related to short-term construction impacts. These impacts can be minimized by sound construction practices, Best Management Practices ("BMPs"), adherence to applicable construction regulations as prescribed by the Department of Health, and coordination with applicable County agencies. Short-term construction noise and air quality impact mitigation measures include generally good housekeeping practices and schedule management to avoid a prolonged construction period. The Project will comply with all applicable ordinances and codes, and the contractor will be directed to use best management BMPs wherever applicable.

A construction management plan ('CMP") will be prepared and submitted to the City identifying the type, frequency and routing of heavy trucks, and construction related vehicles. Every effort will be made to minimize impacts from these vehicles and related construction activities. The CMP will identify and limit vehicular activity related to construction to periods outside of the peak periods of traffic, utilizing alternate routes for heavy trucks, provisions for either on-site or off-site staging areas for construction related workers and vehicles to limit the use of on-street parking around the project site and other mitigation measures related to traffic and potential neighborhood impacts. A traffic control plan will also be included in the CMP. The Applicant will document the condition of roadways prior to the start of construction activities and provide remedial measures, as necessary, such as restriping, road resurfacing, and/or reconstruction if the condition of the roadways has deteriorated as a result of the related construction activities.

Regarding long term impacts of loading zones, the parking structure provides adequate areas for passenger drop-offs and also provides a 12' X 35' loading area, which can accommodate service vehicles and delivery trucks. Delivery trucks are anticipated to be of the smaller type that delivers postal packages, office supplies, and the like.

2. What actions will the applicant take to mitigate loss of privacy, open space and sunlight concerns for Imperial Plaza residents whose units will be impacted by the 803 Waimanu project's design and site placement on the neighboring property (e.g., at least up to the 65' height level)?

Discussion: The initial proposed project was 27 stories compared to the present 7 stories. The Applicant has made considerable concessions to mitigate impacts on sunlight and views for the neighboring properties.

Thank you for your comments. Your comments will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

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KIRK CALDWELL
MAYOR

GEORGE I. ATTA, FAICP
DIRECTOR

ARTHUR D. CHALLACOMBE
DEPUTY DIRECTOR

2015/ELOG-1147(rns4)

July 29, 2015

Mr. Dennis Silva, Jr., AICP
Hawaii Planning LLC
7 Waterfront Plaza
500 Ala Moana Boulevard, Suite 400
Honolulu, Hawaii 96813

Dear Mr. Silva:

This letter supplements our recent comments on the Draft Environmental Assessment (EA) for the project at 803 Waimanu Street, Tax Map Keys: 2-1-049: 050, 070, and 072 which we sent to you on July 9, 2015. Subsequently, we discovered that we had failed to comment on the analysis of impacts of Sea Level Rise (SLR) in the Draft EA.

Our review of the data presented in Table 11 on page 44 of the Draft EA shows that it does not match up with the results for the years 2015 through 2050 obtained from the U. S. Army Corps of Engineers' Sea Level Change Calculator.

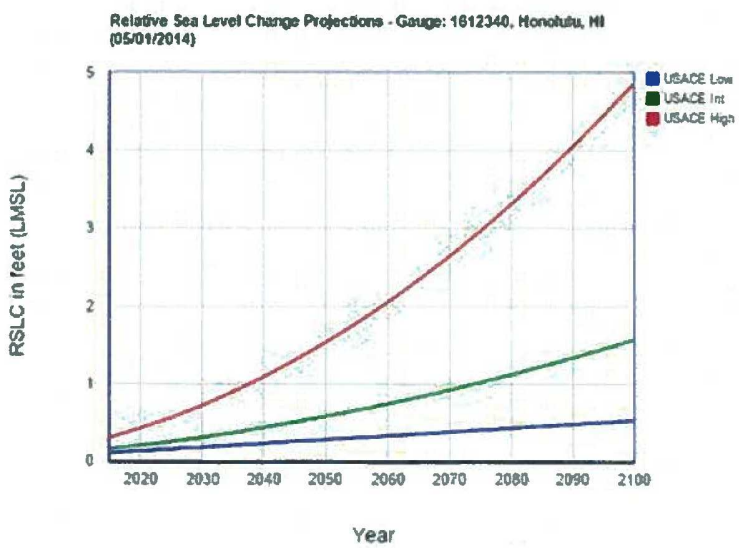
Here are the results we received when we ran the calculator:

803 Waimanu
1612340, Honolulu, HI
NOAA's Published Rate: 0.00492 feet/yr
All values are expressed in feet relative to LMSL

Year	USACE Low	USACE Int	USACE High
2015	0.11	0.16	0.31
2020	0.14	0.21	0.43
2025	0.16	0.26	0.57
2030	0.19	0.32	0.72
2035	0.21	0.38	0.90
2040	0.24	0.44	1.09
2045	0.26	0.51	1.30
2050	0.28	0.59	1.53
2055	0.31	0.66	1.78
2060	0.34	0.75	2.05
2065	0.36	0.83	2.34
2070	0.39	0.93	2.64
2075	0.41	1.02	2.96
2080	0.43	1.12	3.30
2085	0.46	1.23	3.66
2090	0.48	1.34	4.04
2095	0.51	1.45	4.44
2100	0.53	1.57	4.86

Print Table

803 Waimanu
1612340, Honolulu, HI
NOAA's Published Rate: 0.00492 feet/yr



Of course, this affects the analysis on page 45 which concludes that the project site, at "approximately three (3) feet above mean sea level," would not be impacted by "a sea level change of less than 1 foot." The high projection for 2050 is 1.53 feet above 1992 levels, not the 0.72 feet shown in Table 11; and the intermediate projection is 0.59 feet, not the 0.32 shown in Table 11.

While the project site may not be inundated by 2050 if the SLR follows either the high or intermediate projection, the SLR will have an impact on the level of the water table which should be taken into account in the design of the "semi-automated mechanical parking system" which is planned to be used for the project. According to the Draft EA, a portion of the system will rotate cars through a pit whose bottom would be 4.5 feet below ground level, a level that is below sea level in 2015.

Also, it is not clear why the impact of the SLR is only analyzed through 2050, a life of only 35 years. Most mid-rise residential structures are likely to last 50 years or more. If the project lasts 60 years or more, and if the SLR follows the high projection, ground level inundation could be a possibility.

As a result, the Draft EA should assess whether key utilities are appropriately located and/or waterproofed or could be relocated and/or waterproofed at some later date if the high rate of the SLR were to come true.

Should you have any questions, please contact Bob Stanfield of our staff at 768-5051.

Very truly yours,

George I. Atta

George I. Atta, FAICP
Director

GIA:bkg
1264252

cc: Hawaii Housing Finance and Development Corporation

September 4, 2015

Mr. George I. Atta, FAICP
Director
Department of Planning and Permitting
City & County of Honolulu
650 S. King Street, 7th Floor
Honolulu, HI 96813

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Mr. Atta:

Thank you for your supplemental comment letter dated July 29, 2015 regarding the above-referenced project. The following are our responses to your comments.

1. *Our review of the data presented in Table 11 on page 44 of the Draft EA shows that it does not match up with the results for the years 2015 through 2050 obtained from the U. S. Army Corps of Engineers Sea Level Change Calculator.*

Discussion: We have revised the table. The discussion of the possibility of sea level rise and mitigations has been revised accordingly.

2. *It is not clear why the impact of SLR is only analyzed through 2050, a life of only 35 years. Most mid-rise residential structures are likely to last 50 years or more.*

Discussion: The analysis has been extended to year 2100.

3. *The Draft EA should assess whether key utilities are appropriately located and/or waterproofed or could be relocated and/or waterproofed at some later date if the high rate of SLR were to come true.*

Discussion: The EA has been revised to discuss waterproofing of utilities and the "pit" of the semi-automated parking system.

Thank you for your comments. Your comment letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

DAVID Y. IGE
GOVERNOR OF HAWAII

SUZANNE D. CASE
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

KEKOA KALUHIWA
FIRST DEPUTY

W. ROY HARDY
ACTING DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
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STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

STATE HISTORIC PRESERVATION DIVISION
KAKUHIHEWA BUILDING
601 KAMOKILA BLVD, STE 555
KAPOLEI, HAWAII 96707

July 31, 2015

Log No. 2015.02299
Doc. No. 1507GC06
Archaeology, Architecture

Ms. Janice Takahashi
State of Hawaii
Hawaii Housing Finance & Development Corporation
677 Queen Street, Suite 300
Honolulu, HI 96813

Dear Ms. Takahashi:

SUBJECT: **Chapter 6E-42 Historic Preservation Review –**
Draft Environmental Assessment – 803 Waimanu
Honolulu Ahupuaʻa, Kona District, Island of Oʻahu
TMK: (1) 2-1-049: 050, 070, and 072

Thank you for the opportunity to review and comment on your submittal regarding the *803 Waimanu Draft Environmental Assessment* (Hawaii Planning LLC, May 2015), which we received on June 10, 2015. The DEA indicates the applicant, MJF Development Corporation, proposes to develop a 7-story mid-rise condominium consisting of residential dwelling units and 91 parking stalls on three parcels (050, 070, and 072). Parcel 050 totals 10,062 square feet; Parcel 070 totals 5,191 square feet; and Parcel 072 totals 5,939 square feet. The landowner is identified as Action Development LLC.

The DEA indicates that an archaeological inventory survey (AIS) will be initiated after demolition of the existing structures on the three identified parcels. A literature review of the proposed project site was conducted by Scientific Consultant Services, Inc. (Hazlett and Spear 2014). The result of the literature research indicates that anticipated subsurface archaeological resources may include pre- and/or post-contact human burials, buried remnants of previous buildings and associated infrastructure, historic deposits and pit features, and buried pond sediments.

Our records indicate that SHPD previously requested an archaeological inventory survey plan (AISP) be submitted for review and approval pursuant to Hawaii Administrative Rule (HAR) §13-275 prior to initiating the AIS, and that preparation of the AISP should include consultation with Native Hawaiian Organizations (NHOs), including the Oahu Island Burial Council (OIBC), the Office of Hawaiian Affairs (OHA), recognized cultural descendants, and any other interested parties (November 12, 2013; Log No. 2013.5623, Doc. No. 1311SL08). On March 25, 2015, the SHPD Oʻahu Lead Archaeologist conducted a site visit with representatives of Scientific Consultant Services, Inc. (SCS), and a representative of MJF Development Corporation. The site visit focused on preparation of the AISP, including development of a testing strategy.

Based on the above, SHPD has insufficient information for making a determination that no historic properties will be affected by the proposed project. In addition, SHPD has concerns that demolition of the buildings and associated utilities prior to conducting the AIS has potential to adversely impact subsurface historic properties that may be present.

Pursuant to Hawaii Administrative Rules (HAR) §13-284-5(b)(5), SHPD continues to recommend the following:

(1) an **archaeological inventory survey (AIS) be conducted** by a qualified archaeologist in order to adequately determine the potential impacts of this project on archaeological historic properties;
(2) the **archaeologist consult with SHPD on the proposed AIS testing strategy**; and

(3) an AIS report meeting the requirements of HAR §13-276-5 be submitted to SHPD for review and acceptance, as well as any subsequent mitigation plans as appropriate, based on the survey findings, prior to initiation of the proposed project.

Please contact Anna Broverman at (808) 692-8028 or at Anna.E.Broverman@hawaii.gov for any questions or concerns regarding architectural resources. Please contact me at (808) 692-8019 or at Susan.A.Lebo@hawaii.gov if you have any questions or concerns regarding archaeological resources or this letter.

Aloha,

Susan A. Lebo

Susan A. Lebo, PhD
Archaeology Branch Chief

cc: Bob Spear, Scientific Consultant Services, Inc. (bob@scshawaii.com)

September 4, 2015

Susan A. Lebo, PhD
Archaeology Branch Chief
State of Hawaii Department of Land and Natural Resources
State Historic Preservation Division
Kakuhihewa Building
601 Kamokila Blvd., Ste. 555
Kapolei, HI 96707

Subject: Draft Environmental Assessment
803 Waimanu
Tax Map Keys: 2-1-049: 050, 070 & 072

Dear Dr. Lebo:

Thank you for your letter dated July 31, 2015 regarding the above-referenced project (Project). The following are our responses to your comments.

1. *Our records indicate that SHPD previously requested an archaeological inventory survey plan (AISP) be submitted for review and approval pursuant to Hawaii Administrative Rule (HAR) §13-275 prior to initiating the AIS, and that preparation of the AISP should include consultation with Native Hawaiian Organizations (NHOs), including the Oahu Island Burial Council (OIBC), the Office of Hawaiian Affairs (OHA), recognized cultural descendants, and any other interested parties (November 12, 2013; Log No. 2013.5623, Doc. No. 1311SL08).*

Discussion: The EA will be revised to include discussion of the AISP.

2. *In addition, SHPD has concerns that demolition of the buildings and associated utilities prior to conducting the AIS has potential to adversely impact subsurface historic properties that may be present.*

Discussion: The AISP will be submitted for review and approval and will follow all SHPD recommendations pertaining to the timing for performing the AIS.

Thank you for your comments. Your comment letter will be included in the Final EA.

Sincerely,
Hawai'i Planning LLC

Dennis Silva, Jr., AICP
Principal

blue planet FOUNDATION

RECEIVED
HAWAII HOUSING FINANCE
DEVELOPMENT CORP
2015 APR 16 A 11: 45

Shem Lawlor
Clean Transportation Director
Blue Planet Foundation
55 Merchant Street, 17th Floor
Honolulu, HI 96813

April 13, 2015

Mr. Craig K. Hirai
Executive Director
Hawaii Housing Finance
& Development Corporation
677 Queen Street
Honolulu, HI 96813

Regarding the 803 Waimanu Street Development Project:

Dear Mr. Hirai,

I am the Clean Transportation Director for Blue Planet Foundation and the Coordinator for the Honolulu Clean Cities program, one of nearly 100 coalitions nation wide working to reduce petroleum use in the transportation sector as part of the US Department of Energy's Clean Cities program.

I hold a Master's of Urban Planning Degree from the University of Hawaii and previous to my current job posting at Blue Planet, worked on transit-oriented development planning and affordable housing issues for the Honolulu Department of Planning and Permitting for six-and-a-half years. Urban transportation and affordable housing are my areas of expertise.

It is my understanding that HHFDC may be somewhat uneasy with the low parking ratios being provided by the project. The project proposes to build 153 residential units, with 123 studios (80%), 29 one-bedrooms, and one two-bedroom unit. The project also proposes 91 off-street parking stalls for the 153 units, a ratio of 0.59 stalls per unit.

It is true that this is a low parking ratio for Honolulu. However, there is a growing body of research from urban and transportation planners that suggests that off-street minimum parking requirements are not only unnecessary, but that they raise the cost of housing, induce greater car ownership and driving and reduce the benefits of public investments in transit and bike infrastructure.

The 803 Waimanu project will be located in the heart of urban Kaka'ako and will be within 1600 linear feet from the Civic Center rail station and 1300 linear feet from the Kaka'ako rail station. It will also be within a short walking distance of multiple bus lines. The close proximity of the project to two high capacity rail stations as well as multiple bus routes means that the project is located in a transit-oriented development (TOD) community.

A 2008 study by Robert Cervero of the University of California Transportation Research Center found that TOD households are twice as likely not to own a car and own half as many cars as comparable households not living in TODs.

TOD commuters typically use transit two to five times more than other commuters within the same region. A primary reason for higher TOD transit use is self-selection. Current transit users and those precluded to use transit seek out TOD housing.

The high ratio of studio apartments suggests that the key demographic the project will be targeting will be young working professionals. This demographic, particularly in the current millennial generation, is less interested in car ownership and driving than previous generations.

In fact, from 2008 to 2013, according the data available from the Hawaii State Data Book, the percentage of Hawaii residents aged 20 to 29 with valid Hawaii driver's licenses fell from 83.5% to only 67.9%. This means a drop of 15.6% and an increase of residents without driver's licenses from 31,187 to 67,978 in only five years time.

This leads me to conclude that there is more than sufficient demand from people who do not intend to own a car to make this project viable.

I strongly urge you to approve the project and to view the low parking provision as a benefit that makes the units more affordable and encourages the residents to save even more money by taking advantage of transit and other alternative modes.

Sincerely,

Shem Lawlor
Clean Transportation Director
Blue Planet Foundation
55 Merchant St. 17th Floor,
Honolulu, HI 96813
shem@blueplanetfoundation.org