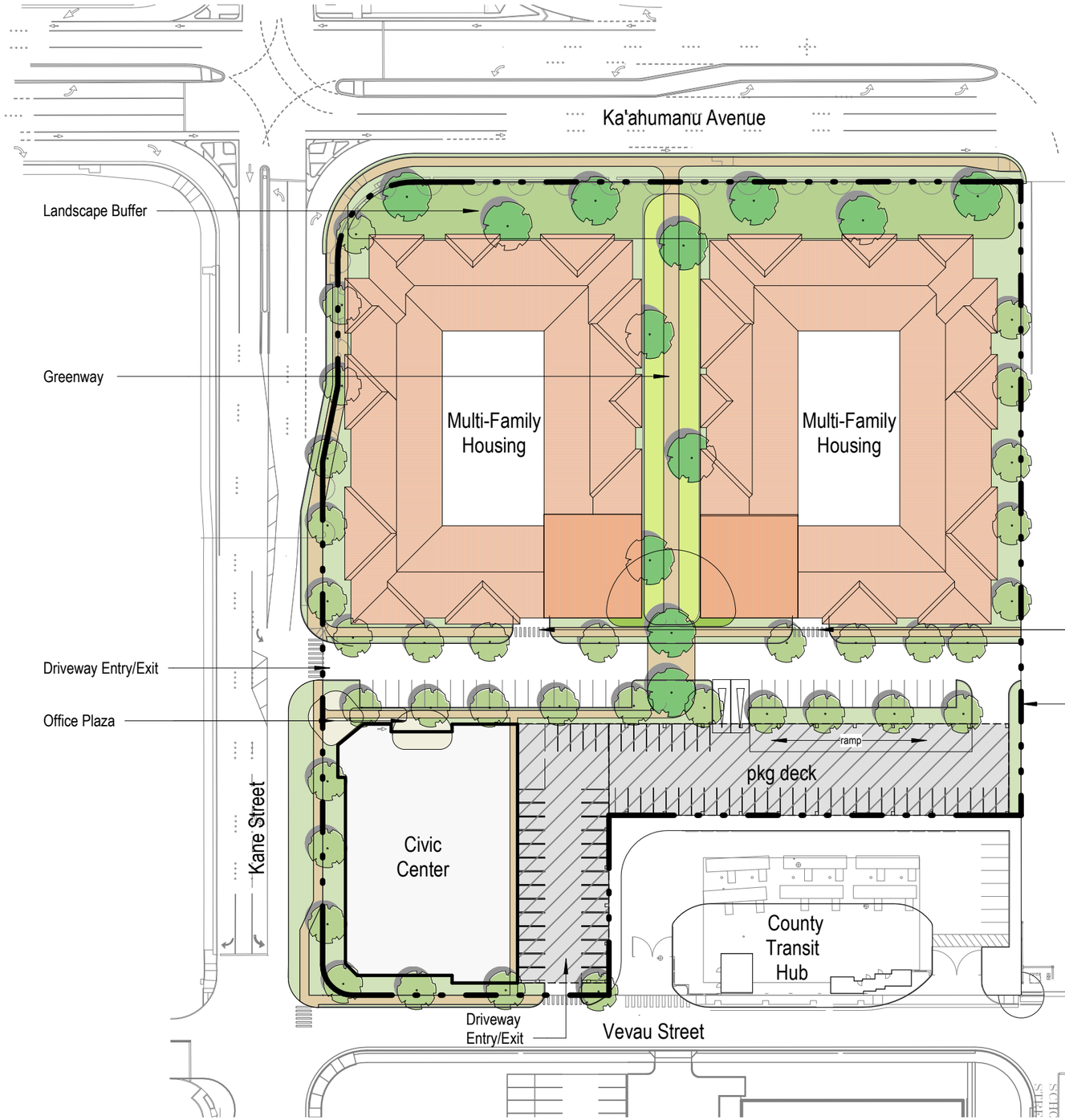
Appendices

Appendix A

Conceptual Plans and View Studies

Proposed Action



LAND AREA AND ZONING INFORMATION

	LAND		Allowable SF	Setback	
PARCEL	**5.572 acre**	**242,716 sf**	**485,433 sf**		
				Front	None
Total Lot Area	**5.572 acre**		**Zoning**	**Side/Rear**	None or adjacent zone
Transit Plaza	.85 acre		Land Use	B-2	
MUC	4.722 acre		Height	90-ft	
			Density	2. FAR	

KAHULUI CIVIC CENTER MIXED-USE PROGRAM

Total Residential Units	**300 du**	**Density**	**1.6 FAR**
Residential Subtotal	**315,000 gsf**	**Parking Required by Code***	**774 stalls**
		* County Code requirement without mixed use reduction	
Retail or Office	5,000 gsf	**Parking Target ******	**596 stalls**
School	7,000 gsf	** Retail/Office at 1stall/500sf	86 stalls
Office	38,000 gsf	** Library 40 stalls	40 stalls
Library	16,000 gsf	** Residential 1stall/1bdrm; 1.5stall/2bdrm; 2stall/3bdr	414 stalls
Non-Residential Subtotal	**66,000 gsf**	** School 8 per classroom	56 stalls
Total Floor Area	**381,000**	**Parking Provided**	**596 stalls**

Note:
Diagrams and tabulations are preliminary and subject to change. Total building floor areas and space counts are not final and will be adjusted as the building design evolves and support / circulation / mechanical areas are identified.

0' 40' 80' 160'

Kahului Civic Center Mixed-Use Complex

Site Plan

ENTITLEMENT EXHIBITS
March 2022

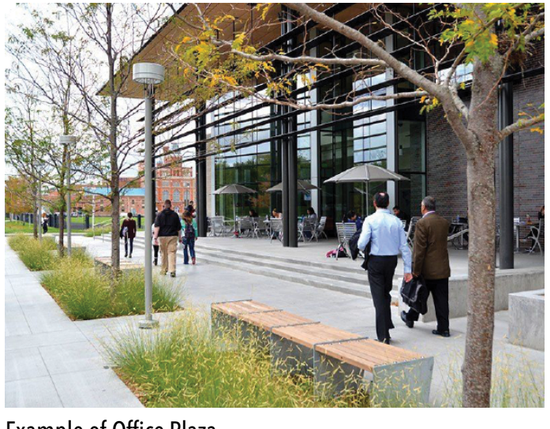
1



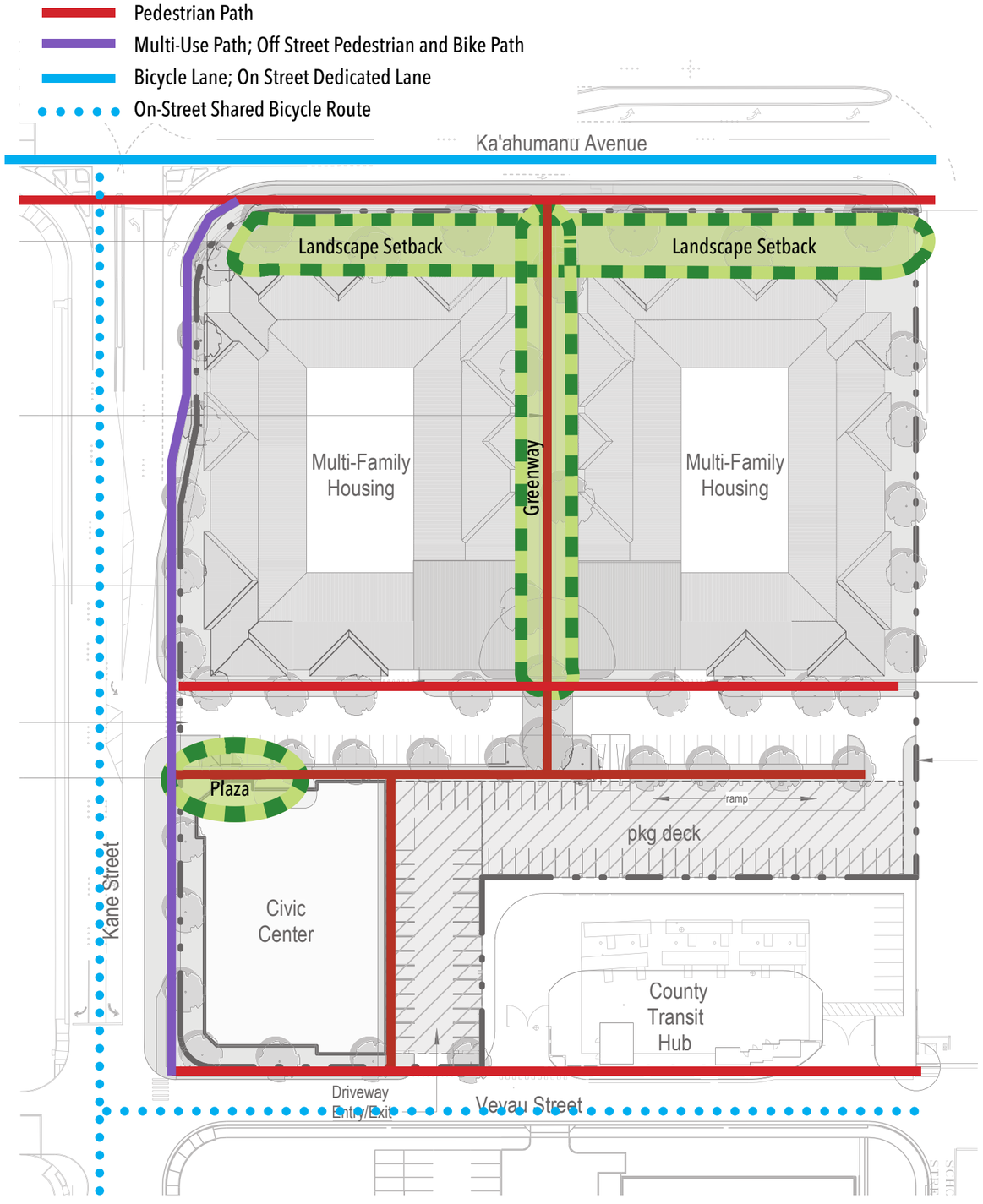
Landscape Setback along Ka'ahumanu Avenue



Example of Office Plaza



Example of Office Plaza





Example of Multi-Use Path within Project



Example of Shared Use Path



Example of Greenway within Project

Kahului Civic Center Mixed-Use Complex

Circulation and Open Space Plan
ENTITLEMENT EXHIBITS
March 2022

View Study

Proposed Action



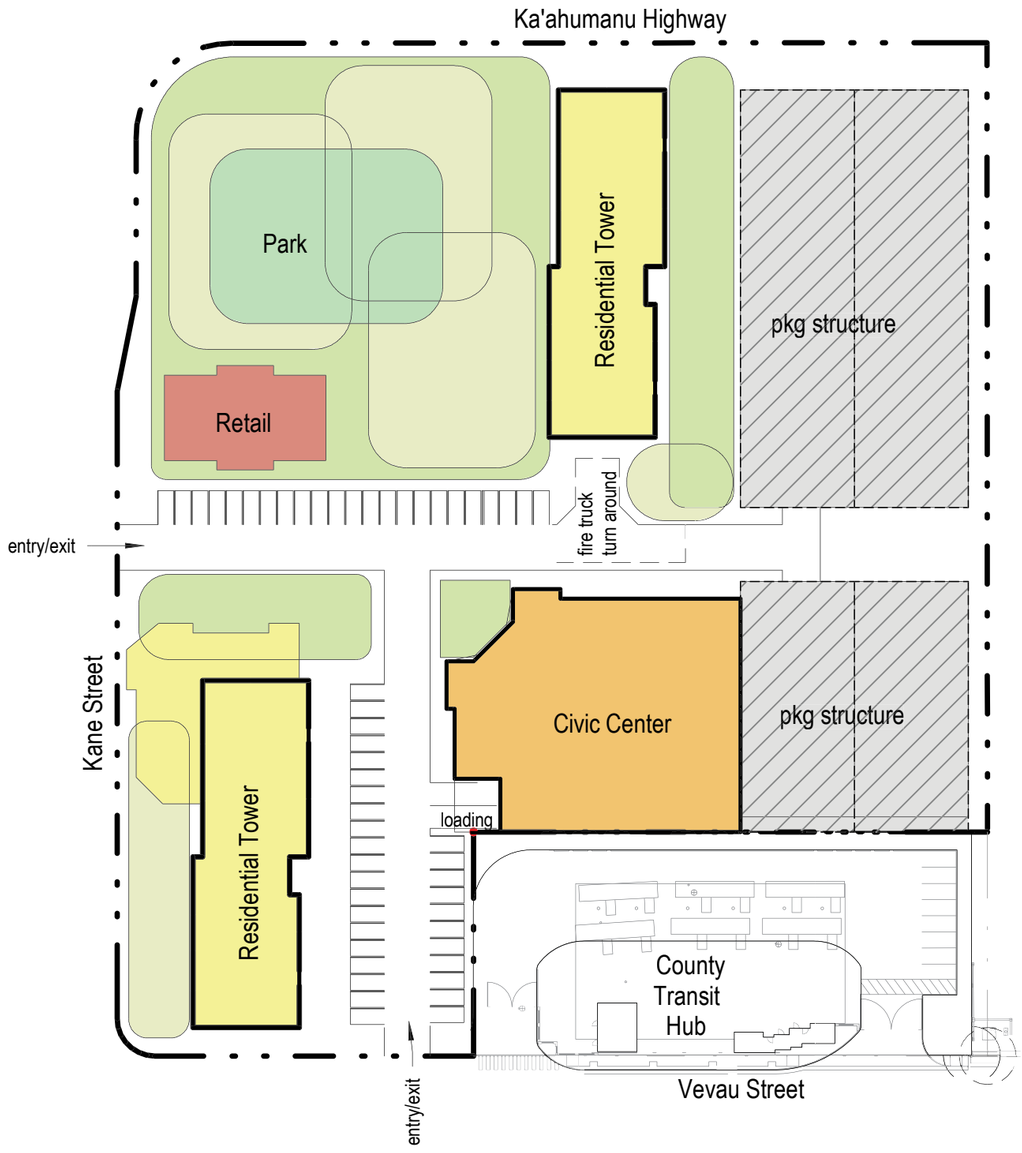
Disclaimer: View studies of the project are for planning purposes. They are preliminary, subject to change and will be adjusted with the design of the building.



Disclaimer: View studies of the project are for planning purposes. They are preliminary, subject to change and will be adjusted with the design of the building.

Alternative D: Options 1 and 2

OPTION 1 - TOWERS AND COMMUNITY PARK



LAND AREA AND ZONING INFORMATION

		LAND	Allowable SF	Setback	
PARCEL	**5.572 acre**	**242,716 sf**	**485,433 sf**		
				Front	None
Total Lot Area	**5.572 acre**		**Zoning**	**Side/Rear**	None or adjacent zone
Transit Plaza	.85 acre		Land Use	B-2	
MUC	4.722 acre		Height	90-ft	
			Density	2. FAR	

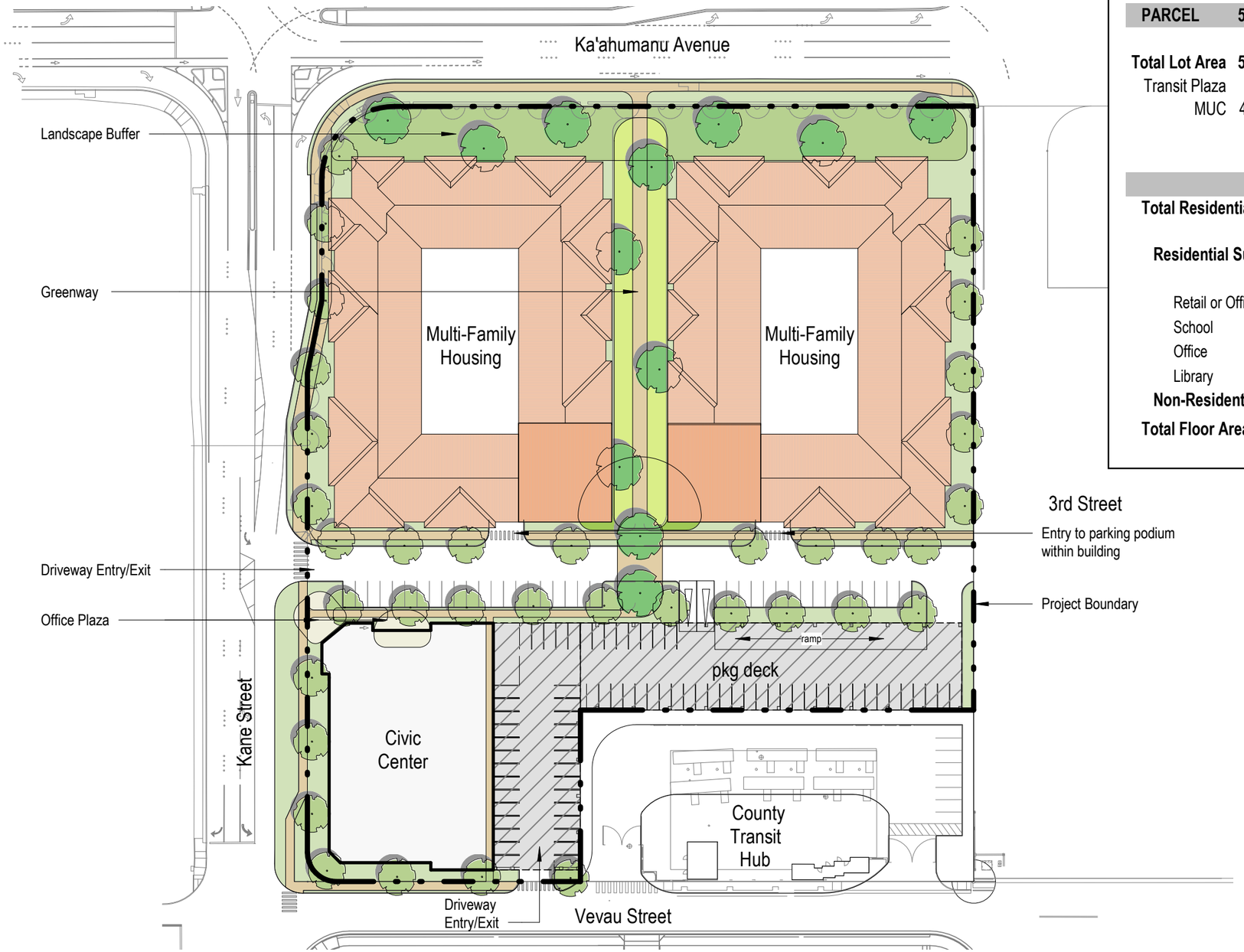
KAHULUI CIVIC CENTER MIXED-USE PROGRAM

Total Residential Units	**408 DU**	**Density**	**1.7 FAR**
Residential Subtotal	**346,800 gsf**	**Parking Required by Code***	**998 stalls**
		* County Code requirement without mixed use reduction	
Retail or Office	5,000 gsf	**Parking Target ****	**743 stalls**
School	7,000 gsf	** Retail/Office at 1stall/500sf	86 stalls
Office	38,000 gsf	** Library 40 stalls	40 stalls
Library	16,000 gsf	** Residential 1stall/1bdrm; 1.5stall/2bdrm; 2stall/3bdr	561 stalls
Non-Residential Subtotal	**66,000 gsf**	** School 8 per classroom	56 stalls
Total Floor Area	**412,800 gsf**		

Kahului Civic Center Mixed-Use Complex

0’ 40’ 80’ 160’

OPTION 2 - LOW RISE MID-DENSITY 4-STORY



LAND AREA AND ZONING INFORMATION

	LAND		Allowable SF	Setback	
PARCEL	**5.572 acre**	**242,716 sf**	**485,433 sf**		
				Front	None
Total Lot Area	**5.572 acre**		**Zoning**	**Side/Rear**	None or adjacent zone
Transit Plaza	.85 acre		Land Use	B-2	
MUC	4.722 acre		Height	90-ft	
			Density	2. FAR	

KAHULUI CIVIC CENTER MIXED-USE PROGRAM

Total Residential Units	**232 DU**	**Density**	**1.3 FAR**
Residential Subtotal	**252,000 gsf**	**Parking Required by Code***	**646 stalls**
		* County Code requirement without mixed use reduction	
Retail or Office	5,000 gsf	**Parking Target ****	**500 stalls**
School	7,000 gsf	** Retail/Office at 1stall/500sf	86 stalls
Office	38,000 gsf	** Library 40 stalls	40 stalls
Library	16,000 gsf	** Residential 1stall/1bdrm; 1.5stall/2bdrm; 2stall/3bdr	318 stalls
Non-Residential Subtotal	**66,000 gsf**	** School 8 per classroom	56 stalls
Total Floor Area	**318,000 gsf**		

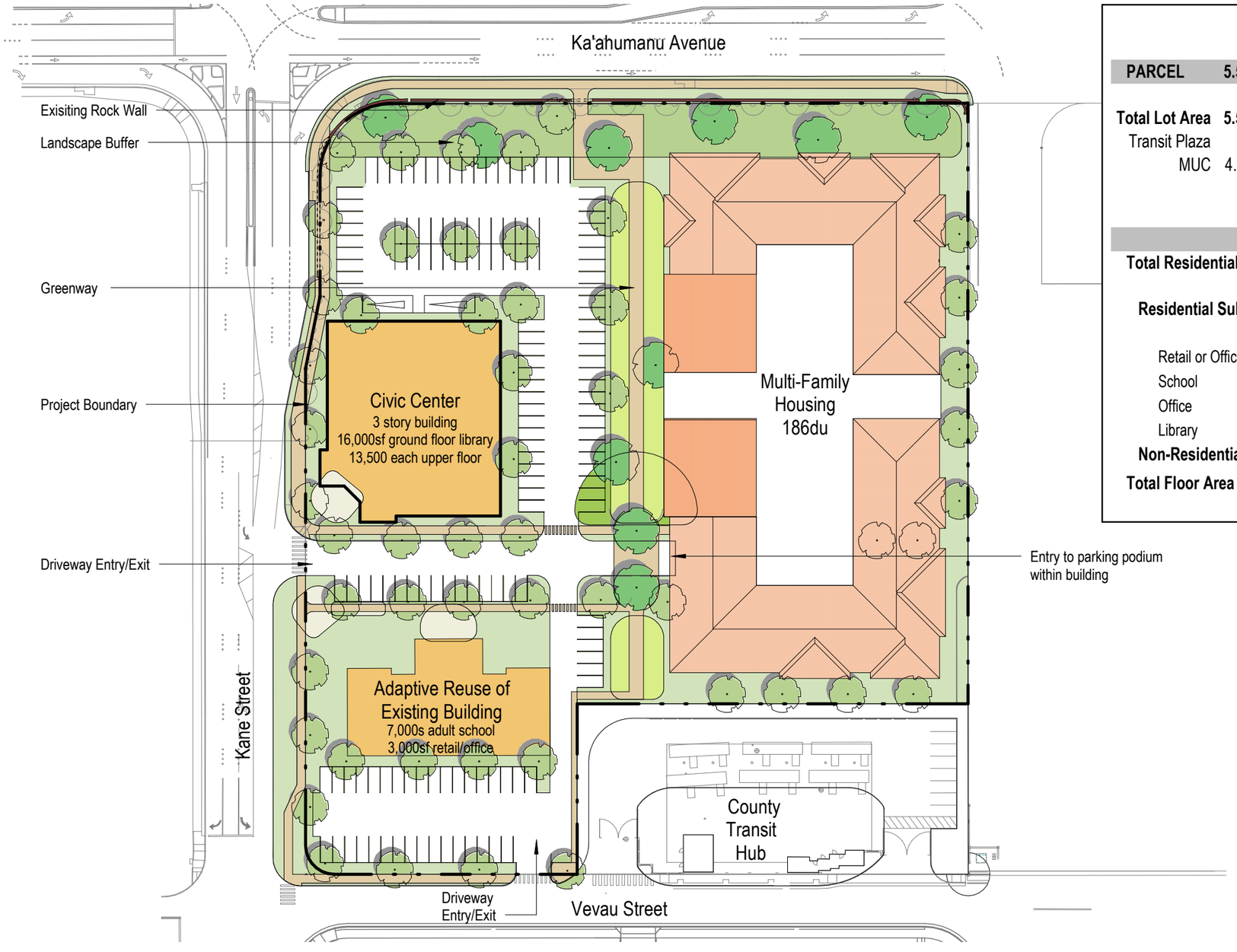
Kahului Civic Center Mixed-Use Complex

0’ 40’ 80’ 160’

Conceptual Plans

Alternative E: Option 1

ALTERNATIVE E: OPTION 1 – RETENTION AND ADAPTIVE REUSE OF HISTORIC PROPERTIES



LAND AREA AND ZONING INFORMATION

		LAND	Allowable SF	Setback	
PARCEL	**5.572 acre**	**242,716 sf**	**485,433 sf**		
				Front	None
Total Lot Area	**5.572 acre**		**Zoning**	**Side/Rear**	None or adjacent zone
Transit Plaza	.85 acre		Land Use	B-2	
MUC	4.722 acre		Height	90-ft	
			Density	2. FAR	

KAHULUI CIVIC CENTER MIXED-USE PROGRAM

Total Residential Units	**186 du**	**Density**	**1. FAR**
Residential Subtotal	**195,300 gsf**	**Parking Required by Code***	**546 stalls**
		* County Code requirement without mixed use reduction	
Retail or Office	3,000 gsf	**Parking Target ****	**417 stalls**
School	7,000 gsf	** Retail/Office at 1stall/500sf	60 stalls
Office	27,000 gsf	** Library 40 stalls	40 stalls
Library	16,000 gsf	** Residential 1stall/1bdrm; 1.5stall/2bdrm; 2stall/3bdr	261 stalls
Non-Residential Subtotal	**53,000 gsf**	** School 8 per classroom	56 stalls
Total Floor Area	**248,300**	**Parking Provided**	**417 stalls**

Kahului Civic Center Mixed-Use Complex

0' 40' 80' 160'

OPTION AR

Appendix B

Natural Resources Assessment

AECOS No. 1670

A natural resources assessment for the Kahului Civic Center and Mixed-Use Complex, Kahului, Maui



AECOS Inc.
45-939 Kamehameha Highway
Suite 104
Kāneʻohe, Hawai'i 96744

April 27, 2021
revised January 5, 2022

A natural resources assessment for the Kahului Civic Center and Mixed-Use Complex, Kahului, Maui

April 27, 2021
rev. January 5, 2022

AECOS No. 1670

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Introduction

The State of Hawai'i (State), Department of Business, Economic Development & Tourism, Hawaii Housing Finance & Development Corporation (HHFDC) is proposing to undertake the "Kahului Civic Center Mixed-Use Complex Project" (herein as the "Project"). The Project is a collaborative effort between the HHFDC and State Department of Accounting and General Services. The Project Site is located on Tax Map Key: (2) 3-7-004:003 (por.) at the intersection of Ka'ahumanu Avenue and Kane Street (Figure 1 and Figure 2).

This State of Hawai'i project involves construction of affordable and market-rate multi-family housing (multi-family housing) and a civic center ("Kahului Civic Center"). The multi-family housing and Civic Center will provide approximately 381,000 sq.ft of floor area and approximately 596 parking spaces. Approximately 300 multi-family dwelling units (mixture of 1-, 2- and 3-bedroom units) will be provided in two buildings (both six stories), and approximately 414 parking spaces will be provided in two, three-level parking podiums for the multi-family housing. The preliminary program for the Civic Center (four stories) includes space for state offices, the State Department of Education, McKinley Community School for Adults, and the Kahului Public Library. A parking deck built over a surface parking lot will provide approximately 182 parking spaces for the Civic Center. Community-oriented commercial space may be included in either the multi-family housing building(s) or the Civic Center. The Civic Center program spaces may be adjusted to accommodate the needs and priorities of state

agencies and availability of funding. G70 contracted *AECOS* Inc. to undertake a survey of natural resource extant on the Project site and prepare this report.[1]

Site Description

The Project site is a level lot mostly covered by a lawn with sporadic trees and ornamental shrubbery (see cover photo). The Maui Community School for Adults building and parking lot occupy the southwest corner of the Project parcel; a gravel lot and dilapidated building occupy the southeast corner. An ongoing construction project surrounded by construction fencing is present in the southeast corner of the parcel and, although not be directly accessed, could be viewed over the installed fencing.

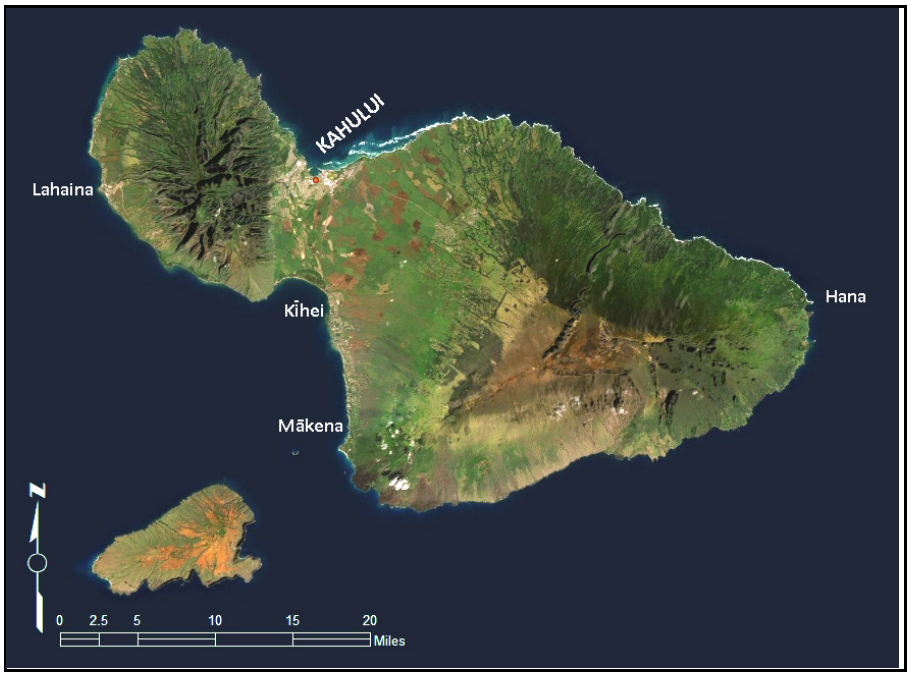

Figure 1. Project location (red dot) in Kahului, Maui.

Methods

Botanical Survey

AECOS biologist, Bryson Luke, surveyed the Project site on April 15, 2021. Plant species were identified as they were encountered during wandering transects

[1] This report will become part of the public record, incorporated into an EA for the subject project.

that covered most of the property. Plants not immediately recognized were photographed for subsequent identification at the laboratory. Species names follow *Manual of the Flowering Plants of Hawai'i* (Wagner, Herbst, & Sohmer, 1990; Wagner & Herbst, 1999) for native and naturalized flowering plants and *A Tropical Garden Flora* (Staples & Herbst, 2005) for ornamental plants. More recent name changes for naturalized plant species follow Imada (2019).



Figure 2. Survey area (outlined in red).

Terrestrial Vertebrates Survey

Avian Survey

A survey of birds was conducted in front of the The Maui Community School for Adults building in the morning hours of April 15. Birds were identified to species by visual observation, aided by Leica 8 X 42 binoculars, and by listening for vocalizations. Avian species abundance was estimated at the count station during a single eight-minute avian point-count. Additional species observed in the Project area outside of the timed count were noted as incidental observations.

Weather conditions were ideal, with unlimited visibility, no precipitation, and winds at 10 miles per hour. The avian phylogenetic order and nomenclature used in this report follows the 61st supplement to the AOS *Check-List of North and Middle American Birds* (Chesser et al., 2020).

Mammalian Survey

A list was made of mammals encountered during the survey. Indicators of mammalian presence, such as tracks, scat, and other sign were noted. Mammalian phylogenetic order and nomenclature follow *Mammal Species of the World* (Wilson and Reeder, 2005). Hawaiian names are given for native species.



Figure 3. Much of the site is well-maintained lawn with plantings.

Results

Vegetation

The vegetation of the site is limited to an expansive maintained lawn covering most of the northern half of the site and with scattered trees and areas of shrubs and weeds around margins (Figure 3, above). Some areas of ongoing construction and unmaintained ground are present on the southeast corner of the property. (Figure 4). The remainder of the southern half is a parking lot and buildings with some dense vegetation around an abandoned structure.



Figure 4. Area of construction disturbance with both graded and adjacent unmaintained ground present.

Flora

Table 1 is a listing of flowering plants (angiosperms) observed during the survey with 57 taxa identified. All of the species recorded are ornamentals or

naturalized, non-native plant species, except for three early Polynesian introductions (so-called "canoe plants"): *'ulu* or breadfruit (*Artocarpus altilis*), *niu* or coconut (*Cocos nucifera*), and *ki* or ti (*Cordyline fruticosa*). Fully 30% of the species identified are ornamentals or planted in the landscaping at the site.

Table 1. Listing of extant plants (flora) on the Kahului Civic Center site.

Species listed by family	Common name	STATUS	ABUNDANCE	NOTES
	FLOWERING PLANTS			
	DICOTYLEDONES			
ACANTHACEAE				
Asystasia gangetica (L.) T. Anderson	Chinese violet	Nat	C	
AMARANTHACEAE				
Amaranthus spinosus L.	spiny amaranth	Nat	O	
ANACARDIACEAE				
Mangifera indica L.	mango	Nat	U	<1>
Schinus terebinthefolius Raddi	Christmas berry	Nat	U	
APOCYNACEAE				
Catharanthus roseus (L.) G. Don	Madagascar periwinkle	Nat	R	<1>
Plumeria rubra L.	plumeria, frangipani	Orn	R	
Thevetia peruviana (Pers.) K. Schum.	be-still tree	Orn	O	<1>
ARALIACEAE				
Schefflera actinophylla (Endl.) Harms	octopus tree	Nat	R	
ASTERACEAE (COMPOSITAE)				
Bidens alba (L.) DC.	beggartick	Nat	O	
Calyptocarpus vialis Less.	---	Nat	O	
Heterotheca grandiflora Nutt.	telegraph weed	Nat		
Lactuca serriola L.	prickly lettuce	Nat	R	
Senecio madagascariensis Poir.	fireweed	Nat	R	
Tridax procumbens L.	coat buttons	Nat	C	
Verbesina enceliodes (Cav.) Benth. & Hook.	golden crown-beard	Nat	U	
BIGNONIACEAE				
Spathodea campanulata P. Beauv.	African tulip	Nat	R	
BORAGINACEAE				
Heliotropium procumbens Mill.	---	Nat	C	
BRASSICACEAE				
Lepidium virginicum L.	peppergrass	Nat	C	

Table 1 (continued).

Species listed by family	Common name	STATUS	ABUNDANCE	NOTES
CAPPARACEAE				
Cleome gynandra L.	wild spider flower	Nat	O	
CONVOLVULACEAE				
Ipomoea obscura (L.) Ker-Gawl.	---	Nat	U	
EUPHORBIACEAE				
Codiaeum variegatum (L.) Blume	croton	Orn	O	
Euphorbia hirta L.	garden spurge	Nat	O	
Euphorbia hypericifolia L.	graceful spurge	Nat	O	
Euphorbia prostrata Aiton	prostrate spurge	Nat	U	
FABACEAE				
Albizia saman F. Muell.	monkeypod	Nat	O	
Leucaena leucocephala (Lam.) deWit	*koa haole*	Nat	R	
Indigofera hendecaphyla (Forssk.)	creeping indigo	Nat	U	
Macroptilium atropurpureum (DC.) Urb.	---	Nat	O	
Peltophorum pterocarpum (A. P. de Candolle) K. Heyne	yellow poinciana	Orn	R	
LAMIACEAE				
Leonotis nepetifolia (L.) R. Br.	lion's ear	Nat	R	
MALVACEAE				
Malva parviflora L.	cheeseweed	Nat	U	
Malvastrum coromandelianum (L.) Garck	false mallow	Nat	O	
Sida spinosa L.	prickly sida	Nat	U	
Waltheria indica L.	*'uhaloa*	Nat	R	
MORACEAE				
Artocarpus altilis Lam.	*'ulu*, breadfruit	**Pol**	R	<1>
Ficus microcarpa L. fil.	Chinese banyan	Nat	R	<1>
NYCTAGINACEAE				
Boerhavia coccinea Mill.	false *alena*	Nat	C	
Bougainvillea sp.	bougainvillea	Orn	O	
PORTULACACEAE				
Portulaca pilosa L.	---	Nat	U	
RUBIACEAE				
Spermacoce assurgens Ruiz & Pav.	buttonweed	Nat	C	
RUTACEAE				
Murraya paniculata (L.) W. Jack	mock orange	Orn	O	<1>

Table 1 (continued).

Species listed by family	Common name	STATUS	ABUNDANCE	NOTES
VERBENCEAE				
Lantana camara L.	lantana	Nat	R	<1>
MONOCOTYLEDONES				
ARECACEAE				
Cocos nucifera L.	*niu*, coconut	**Pol**	O	<1>
ASPARAGACEAE (AGAVOIDEAE)				
Cordyline fruticosa L.	*kī*	**Pol**	O	<1>
Dracaena marginata Vand.	money tree	Orn	R	
CYPERACEAE				
Cyperus rotundus L.	nut grass	Nat	O	
LILIACEAE				
Hippeastrum sp.	amaryllis	Orn	O	<2>
POACEAE				
Bothriochloa pertusa (L.) A. Camus	pitted beardgrass	Nat	C	
Cenchrus ciliaris L.	buffelgrass	Nat	C	
Cenchrus echinatus L.	common sandbur	Nat	C	
Chloris barbata (L.) Sw.	swollen fingergrass	Nat	C	
Cynodon dactylon (L.) Pers.	Bermuda grass	Nat	A	
Eleusine indica (L.) Gaertn.	beach wiregrass	Nat	C	
Eragrostis amabilis (L.) Wight & Arnott	lovegrass	Nat	C	
Megathyrsus maximus (Jacq.) B. K. Simon & W. L. Jacobs	Guinea grass	Nat	C	
Stenotaphrum secundatum (Walter) Kuntze	St. Augustin grass	Nat	O	
Urochloa mutica (Forssk.) T.Q. Nguyen	California grass	Nat	R	

Legend to Table 1

STATUS = distributional status for the Hawaiian Islands:

Nat = naturalized, exotic, plant introduced to the Hawaiian Islands since the arrival of Cook Expedition in 1778, and well-established outside of cultivation.

Orn = exotic, ornamental or cultivated; plant not naturalized (not well-established outside of cultivation).

Pol = Polynesian introduction before 1778.

ABUNDANCE = occurrence ratings for plants by area:

R - Rare seen in only one or perhaps two locations.

U – Uncommon seen at most in several locations

Table 1 (continued).

O - Occasional	seen with some regularity
C - Common	observed numerous times during the survey
A - Abundant	found in large numbers; may be locally dominant.

NOTES:

<1> – Planted here as a landscape plant.

<2> - Plant lacking definitive characteristics.

Avian Fauna

A total of 61 individual birds of 11 species was recorded from the point-count survey (Table 2). One additional species—Pacific Golden Plover or *kōlea* (*Pluvialis fulva*) was recorded outside the timed station count. Of the 12 bird species identified in the Project area, only *kōlea* is native to the Hawaiian Islands. The remaining 11 species are common, non-native (alien) species established in the Islands. Common Mynah (*Acridotheres tristis*) and House Sparrow (*Passer domesticus*) were the most common bird species and cumulatively account for 44% of the total birds counted.

Mammals

Feral Domestic cat and Mongoose were the only mammalian species encountered during our survey. Trees of suitable stature for roosting Hawaiian hoary bat are present, scattered across the property (see Figs. 3 & 4).

Discussion and Recommendations

Recommendations are partly based on U.S. Fish and Wildlife Service, Animal Avoidance and Minimization Measures (USFWS-PIFWO, nd). Implementation of the recommendations (provided below as bulleted items) by the Project contractor will minimize impacts to listed species to the maximum extent practicable.

Floral Resources

No plants of conservation concern or enjoying statutory protection (that is, listed as threatened or endangered; HDLNR, 1998; USFWS, nd-a) were noted on the Project site and, given the developed nature of the site, would not be expected to be growing there naturally.

Table 2. Avian species detected at the Kahului Civic Center site.

FAMILY *Species*	**ORDER** Common Name	**Status**	**Relative Abundance**
	GALLIFORMES		
PHASIANIDAE			
Gallus gallus	Domestic Chicken	NN	7
	COLUMBIFORMES		
COLUMBIDAE			
Columba livia	Rock Pigeon	NN	5
Streptopelia chinensis	Spotted Dove	NN	4
Geopelia striata	Zebra Dove	NN	6
	CHARADRIIFORMES		
CHARADRIIDAE			
Pluvialis fulva	Pacific Golden-Plover, *kōlea*	**IM**	1 †
	PELECANIFORMES		
ARDEIDAE			
Bubulcus ibis	Cattle Egret	NN	1
	PASSERIFORMES		
ZOSTEROPIDAE			
Zosterops japonicus	Warbling White-eye	NN	2
STURNIDAE			
Acridotheres tristis	Common Mynah	NN	18
CARDINALIDAE			
Cardinalis cardinalis	Northern Cardinal	NN	1
THRAUPIDAE			
Paroaria coronata	Red-crested Cardinal	NN	3
FRINGILLIDAE			
Haemorhous mexicanus	House Finch	NN	5
PASSERIDAE			
Passer domesticus	House Sparrow	NN	9

Key to Table2.

Status:

IM = Indigenous, migratory species.

NN = Naturalized, non-native species (introduced).

Relative Abundance: species count / number of point-count stations (n=3).

† = Incidental observation, observed outside of timed counts.

Invertebrates

Blackburn's sphinx moth (*Manduca blackburni*) is a federally listed insect found in Hawai'i (USFWS, 2000) and a population is known from Maui not too distant from the Project site. The caterpillar of this moth feeds exclusively on plants in the Family Solanaceae (USFWS, 2003; HDLNR, 2005) and particularly on the widely distributed, non-native tree tobacco plant (*Nicotiana glauca*). Our survey found no tree tobacco growing at the Project site; no plants in the Family Solanaceae were observed (Table 1).

- Before undertaking clearing of site vegetation, the project contractor should confirm that tree tobacco is not present (has not appeared since the April 2021 survey). Plants found under three feet (1 m) in height may be removed. However, plants over three feet in height will need to be inspected by a biologist qualified to identify *M*. *blackburni* eggs and larvae.

- If evidence of Blackburn's sphinx moth presence is found by the pre-construction survey, additional guidance with USFWS is required to avoid take.

Yellow-faced bees are listed as endangered in the Hawaiian Islands (USFWS, 2016) and five of seven species of yellow-faced bee are known to occur on Maui island (*Hylaeus anthracinus*, *H. assimulans*, *H. facilis*, *H. hilaris*, *and H. longiceps*; USFWS-PIFWO, nd.) in montane and coastal habitat. Coastal habitat for yellow-faced bee is restricted to a narrow (30 to 100 ft; 10-30 m) corridor on the coastline (USFWS-PIFWO, nd). No yellow-faced bee species was observed during the survey and no potential habitat or food sources are present in the Project area.

Six species of damselflies are endangered in Hawai'i (USFWS-PIFWO, nd.). The three species that occur on Maui are flying earwig damselfly (*Megalagrion nesiotes*), Pacific damselfly (*M. pacificum*), and orange-black damselfly (*M. xanthomelas*). The damselfly naiad develops in aquatic environments and is especially susceptible to predation by non-native fishes and poor water quality. The Project site has no aquatic environments.

Avian Resources

With the exception of Pacific Golden-Plover, all avian species recorded at the Project site from this survey are non-natives. None of the species recorded from this survey receives special protections under state or federal endangered species statutes (listed as threatened or endangered; HDLNR, 2015; USFWS, nd-a).

Nēnē

Nēnē prefer open areas such natural and artificial grasslands, and thus could temporarily appear on the Project site. To avoid and minimize Project impacts to Hawaiian geese, consider the following recommendations:

- Do not approach, feed, or disturb Hawaiian geese if they appear on site.
- If observed loafing or foraging within the Project area during the breeding season (September through April), halt work and have a biologist familiar with the nesting behavior of Hawaiian geese survey for nests prior to resumption of any work within 150 ft (46 m) of the sighting. Repeat surveys after any subsequent delay of work of three or more days (during which period the birds may attempt to nest).
- Cease all work immediately and contact the U.S. Fish and Wildlife Service for further guidance if a nest is discovered on the Project site.

Seabirds

Protected night-flying seabirds in Hawai'i include Hawaiian Petrel (*Pterodroma sandwichensis*), Wedge-tailed Shearwater (*Ardenna pacifica*), Newell's Shearwater (*Puffinus newelli*), and Band-rumped Storm-petrel (*Oceanodroma castro*). Hawaiian Petrel and Newell's Shearwater nest in upland mountainous habitat. In the summer and fall, protected night-flying seabirds (especially fledglings) transiting to the sea from inland locations can become disoriented by exterior lighting. Disoriented seabirds can collide with man-made structures or the ground and if not killed outright, become easy targets of opportunity for feral mammals (Podolsky et al., 1998; Ainley et al., 2001; Day et al., 2003). Collision with man-made structures is a significant cause of mortality of these seabirds in Hawai'i. No suitable nesting habitat for seabird species occurs in the Project area.

- Deleterious impacts to transiting seabirds can be avoided if construction occurs during daylight hours and all outdoor lighting installed is fully "dark sky compliant" (HDLNR-DOFAW, 2016).

Mammalian Resources

Our survey identified only two mammals: domestic cat and small Indian mongoose (*Herpestes javanicus*). Potentially, one or more of the four alien Muridae (rats and mice) currently established on the Island utilize this area to some extent. All the aforementioned mammalian species are introduced and deleterious to native ecosystems and native fauna.

While not observed from this survey, it is possible that the endemic Hawaiian hoary bat or *ʻōpeʻapeʻa* (*Lasiurus cinereus semotus*) utilizes resources in the Project vicinity. Hawaiian hoary bat is a solitary species and potentially widespread throughout the Main Hawaiian Islands. These bats establish multiple roosts within a home territory (Bonaccorso et al., 2015), so the disturbance associated with removal of any particular tree would be minimal. However, bats are vulnerable during the pupping season, where a female bat carrying a pup or an unattended pup may be unable to safely vacate a tree that is being felled. Potential roost trees are present on the site.

- To avoid potential deleterious impacts to roosting bats with pups, it is recommended that no woody vegetation taller than 15 ft (4.6 m) be removed during the bat pupping season between June 1 and September 15 (USFWS-PIFWO, nd.). The use of barbed wire to top fence lines may entangle flying bats and must be avoided (Zimpfer and Bonaccorso, 2010).

Other Resources of Potential Concern

Critical Habitat

Federally delineated Critical Habitat is not present in the project area (USFWS, nd-b). Thus, the project as currently proposed will not impinge on federally designated Critical Habitat. No equivalent habitat designation exists under state law.

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Appendix C

Air Quality Technical Report

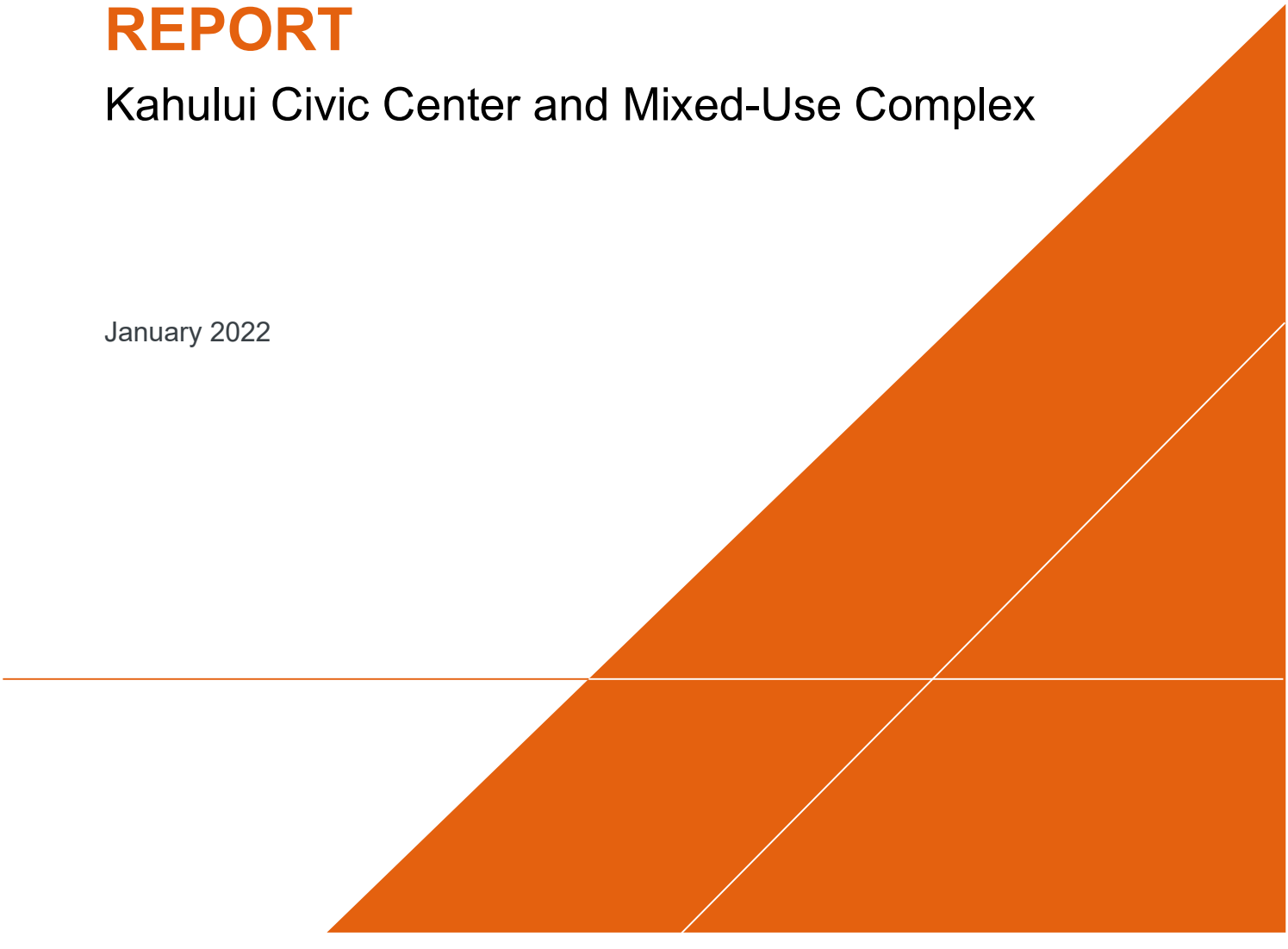
ARCADIS Design & Consultancy for natural and built assets

Group 70 International, Inc.

FINAL AIR QUALITY TECHNICAL REPORT

Kahului Civic Center and Mixed-Use Complex

January 2022



FINAL AIR QUALITY TECHNICAL REPORT

Kahului Civic Center and Mixed-Use Complex

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Appendix A – Air Quality Calculations

ACRONYMS AND ABBREVIATIONS

CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CH_4	Methane
CO	Carbon monoxide
CO_2	Carbon dioxide
CO_2e	Carbon dioxide equivalent
GHG	Greenhouse gas
GWP	Global warming potential
MAR	Mobility Analysis Report
MT	Metric tons
N2O	Nitrous oxide
NAAQS	National Ambient Air Quality Standards
NOx	Nitrogen oxides
O_3	Ozone
Pb	Lead
PPM	Parts per million
PM_{10}	Particulate matter less than 10 microns
$PM_{2.5}$	Particulate matter less than 2.5 microns
ROG	Reactive organic gases
SAAQS	State Ambient Air Quality Standards
SO_2	Sulfur dioxide
USEPA	United States Environmental Protection Agency
yr	Year
$\mu g/m^3$	Micrograms per cubic meters

1 INTRODUCTION

The purpose of this Air Quality Technical Report is to quantify the emission associated with the proposed Project resulting from the construction and operation of the proposed project. During construction, emission sources are assumed to be primarily fugitive dust from demolition as well as vehicle and earth movement, construction equipment exhaust, and off-gassing of pollutants from applying asphalt paving and architectural coatings. Operational emissions sources are assumed to be from vehicle trips, energy usage, and area source emissions such as landscaping equipment and evaporative emissions from consumer product usage.

2 PROJECT DESCRIPTION

The State of Hawai‘i (State), Department of Business, Economic Development & Tourism, Hawaii Housing Finance & Development Corporation (HHFDC) is proposing to undertake the “Kahului Civic Center Mixed-Use Complex Project” (Project). The Project is a collaborative effort between the HHFDC and State Department of Accounting and General Services.

The Project primarily involves the construction of affordable and market-rate multi-family housing (multi-family housing) and a State Kahului Civic Center (Civic Center). The multi-family housing buildings and Civic Center will provide a total of approximately 381,000 SF of floor area and approximately 596 parking spaces. Approximately 300 multi-family dwelling units (mixture of 1-, 2- and 3-bedroom units) will be provided in two buildings (both roughly six stories); and approximately 414 parking spaces will be provided in two three-level parking podiums for the multi-family housing. The preliminary program for the Civic Center (roughly four stories) includes space for State offices, the State Department of Education’s McKinley Community School for Adults, and the Kahului Public Library. A parking deck built over a surface parking lot will provide approximately 182 parking spaces for the Civic Center. Community-oriented commercial space may be included in either the multi-family housing building(s) or the Civic Center. The Civic Center program spaces may be adjusted due to the needs and priorities of State agencies and availability of funding.

3 ENVIRONMENTAL SETTING

The Project location, climate and State of Hawaii ambient air quality standards are summarized in the following sections.

3.1 Project Location

The Project site is located in Kahului, Maui on an approximately 4.72-acre parcel at 153 West Ka’ahumanu Avenue. The site is surrounded by a mix of commercial, residential, and resort uses. North of the Project site is the Maui Beach Hotel, and west of the Project site is the Queen Ka’ahumanu Center, a shopping center with a variety of retailers. The Waterfront Apartments at Kahului are east of the Project site, and south is currently being developed by Kahului Lani, an affordable senior housing complex.

3.2 Climate

Hawaii is comprised of several islands with diverse topography, but is generally classified as mountainous. These factors contribute to a mixture of climate regimes that exist within the island chain. Diverse climates can exist within relatively short distances on the same island due to topographical effects on wind direction and speed and rainfall patterns.

Maui is the second largest of the Hawaiian Islands. Kahului is located in the central valley of Maui near the northern coast of the island with mountains of west Maui reaching an elevation of 5,788 feet above sea level at the crest of Pu`u Kukui. To the southeast the terrain rises gradually to the summit of Haleakala at 10,023 feet. The moderate temperature range is associated with the small seasonal variation in energy received from the sun and the tempering effect of the surrounding ocean. The range in normal temperature between the warmest month, August and the coldest month, February, is 7.2 degrees Fahrenheit. Kahului Airport has recorded temperatures as high as the lower 90s and as low as the lower 50s.

Rainfall is relatively light. The contrast between the dry season (May through October) and the wet season (November through April) is pronounced. Major widespread rainstorms, which account for the bulk of the precipitation in the area, usually occur several times during each wet season, but are infrequent in the dry season. Approximately 50 percent of the normal annual rainfall occurs between December through February and 80 percent in the six-month wet season.

3.3 Ambient Air Quality

The ambient air quality in an area can be characterized in terms of whether it complies with National Ambient Air Quality Standards (NAAQS) and State Ambient Air Quality Standards (SAAQS), where applicable. The Clean Air Act (42 U.S.C. 7401 et seq.) requires the U.S. Environmental Protection Agency (USEPA) to set national standards for emissions that are considered harmful to public health and the environment (criteria pollutants). The seven criteria pollutants are: carbon monoxide (CO), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), lead (Pb), ozone (O_3), and particulate matter (PM_{10} and $PM_{2.5}$). Based on air monitoring data, Hawaii is currently classified as attainment for all Federal and State standards. **Table 1** presents the NAAQS and SAAQS for each criteria pollutant and the 2018 attainment designations for the State of Hawaii.

Table 1. Air Quality Standards Attainment Status for Hawaii

Parameter		State Standard		Federal Standard		Ambient Air Quality
Ozone	8-Hour	0.08 ppm	Attainment	0.070ppm	Attainment	
Carbon Monoxide	1-Hour	9 ppm	Attainment	35 ppm	Attainment	
	8-Hour	4.4 ppm	Attainment	9 ppm	Attainment	
Nitrogen Dioxide	1-Hour	--		0.100 ppm	Attainment	
	Annual	0.04 ppm	Attainment	0.053 ppm	Attainment	
Sulfur Dioxide	1-Hour	--		0.075 ppm	Attainment	
	3-Hour	0.5 ppm	Attainment	--		
	24-Hour	0.14 ppm	Attainment	--		
	Annual	0.03 ppm	Attainment	--		
Particulate Matter (PM_{10})	24-Hour	150 µg/m^3	Attainment	150 µg/m^3	Attainment	
	Annual	50 µg/m^3	Attainment	--		
Particulate Matter – Fine ($PM_{2.5}$)	24-Hour	--		35 µg/m^3	Attainment	3.0 µg/m^3
	Annual	--		12 µg/m^3	Attainment	

Notes:
-- = no standard available
µg/m^3 = micrograms per cubic meter
ppm = parts per million

$PM_{2.5}$ air quality measurement recorded at Kahului HDOH site. No other pollutants were monitored on the island of Maui.
Sources: HAR 11-59; Ambient Air Quality Standards; 40 CFR Part 50; National Primary and Secondary Ambient Air Quality Standard; State of Hawaii Department of Health: State of Hawaii Annual Summary 2018 Air Quality Data.

3.4 Greenhouse Gas

Greenhouse gases (GHGs) are compounds in the Earth's atmosphere which play a critical role in determining temperature near the Earth's surface. GHGs include carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), and several chlorofluorocarbons. GHGs are commonly quantified in the equivalent mass of CO_2, denoted CO_2e, which takes into account the global warming potential (GWP) of each individual GHG compound.

4 AIR QUALITY ANALYSIS

Air quality emissions for the Project are discussed in greater specificity below for construction and operations. Detailed emissions calculations are provided in Appendix A.

4.1 Construction

For the Project, construction air quality impacts would be intermittent and short term. Construction would generate emissions of the criteria pollutants as well as GHGs. Emissions were calculated using the California Emissions Estimator Model (CalEEMod) version 2016.3.2. The CalEEMod model provides a platform to calculate construction emissions using equipment emission factors (mass of emissions per unit time) from sources such as United States Environmental Protection Agency (USEPA), California Air Resources Board (CARB) and site-specific information. CalEEMod also provides default values when site-specific information is not available.

Construction activities on approximately 4.72 acres were estimated to last 12 months and occur in six phases: demolition, site preparation, grading, structure construction, paving, and architectural coatings. Construction activities, projected start date, projected duration, construction equipment, and assumptions are included in **Table 2**.

The CalEEMod software allows the user to select pre-programmed “Mitigations” to control certain emissions. The measures selected and assumed to be implemented are:

- Replacing ground cover of area disturbed
- Applying water to disturbed surfaces and haul roads three times a day; and
- Reducing speed on unpaved roads to <15 miles per hour

These measures are common practices that are required by local and state regulations to control dust.

Annual emission calculated from CalEEMod are summarized in **Table 3**. Emissions from the proposed action are minimal due to the relatively small scale and low intensity of construction activities. Modeling assumptions and results are presented in Appendix A.

Table 2. Construction Assumptions by Activity

Activity	Start	Duration	Equipment
Demolition	January 2022	20 days	1 Industrial saw 3 Excavators 2 Rubber-tired dozers
Site Preparation	January 2022	5 days	3 Rubber-tired dozers 4 tractors
Grading	February 2022	8 days	1 Excavator 1 Grader 1 Rubber-tired dozer 3 Tractors
Structure Construction	February 2022	230 days	1 Crane 3 Forklifts 1 Generator set 3 Tractors 1 Welder
Paving	December 2022	18 days	2 Cement mixers 1 Paver 2 Paving equipment 2 Rollers 1 Tractor
Architectural Coating	December 2022	18 days	1 Air compressor

Table 3. Estimated Proposed Construction Emissions (Tons per Year)

Construction Year	ROG	NOx	CO	SO_2	PM_{10}	$PM_{2.5}$	CO_2e (MT/yr)
2022	6.0	3.4	3.5	$9.5x10^{-3}$	0.54	0.24	863

CO - carbon dioxide; CO_2e - carbon dioxide equivalent; MT/yr – metric tons per year; NOx - nitrogen oxides; $PM_{2.5}$ - particulate matter less than 2.5 microns; PM_{10} - particulate matter less than 10 microns; ROG - reactive organic gases; SO_2 – sulfur dioxide

4.2 Operations

For the Project, the primary air quality considerations for criteria pollutants associated with operational activities at the Site are on-site area and stationary sources and mobile sources. In addition, water use and solid waste generation were considered for GHG emissions. CalEEMod was used to estimate emissions from on-site area, stationary sources, water use and solid waste generation that would occur during long-term Project operations. For mobile sources, estimated vehicle trips were provided by the Mobility Analysis Report (MAR) for the Proposed Kahului Civic Center and Mixed-Use Complex prepared by Fehr & Peers (Fehr & Peers 2021).

Project annual emissions are presented in **Table 4**.

Table 4. Summary of Operational Emissions (Tons per Year)

Source	ROG	NOx	CO	SO_2	PM_{10}	$PM_{2.5}$	CO_2e (MT/yr)
Area	2.1	0.026	2.23	$1.2x10^{-4}$	0.012	0.012	3.8
Stationary	0.019	0.17	0.097	$1.0x10^{-4}$	0.013	0.013	1,731
Mobile	0.68	4.09	7.55	0.032	2.83	0.78	2,999
Waste/Water							332
TOTAL	2.80	4.28	9.88	0.034	2.86	0.80	5,066

AD – awaiting data; CO - carbon dioxide; CO_2e - carbon dioxide equivalent; MT/yr – metric tons per year; NOx - nitrogen oxides; PM_{10} - particulate matter less than 10 microns; $PM_{2.5}$ – particulate matter less than 2.5 microns; ROG - reactive organic gases; SO_2 – sulfur dioxide; Tons/yr – tons per year

Results indicate that criteria pollutants and GHG emissions will increase with operational activities, but the quantity would not be large enough to result in significant negative impacts to air quality.

5 CONCLUSIONS

Construction emissions will be intermittent and short term and will be spread over several acres. Maximum annual emissions of criteria pollutants from construction activities are projected at less than 6 tons per year. Operational emissions are projected to increase but would not result in significant negative impacts.

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APPENDIX A

Air Quality Calculations

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Kahului Civic Center and Mixed-Use Complex - Statewide , Annual

Kahului Civic Center and Mixed-Use Complex

Statewide , Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	38.00	1000sqft	0.79	38,000.00	0
Day-Care Center	5.00	1000sqft	0.11	5,000.00	0
Junior College (2Yr)	7.00	1000sqft	0.16	7,000.00	0
Library	16.00	1000sqft	0.37	16,000.00	0
Enclosed Parking Structure	126.00	Space	0.66	50,400.00	0
Enclosed Parking Structure	414.00	Space	1.31	165,600.00	0
Parking Lot	56.00	Space	0.33	22,400.00	0
Health Club	5.00	1000sqft	0.11	5,000.00	0
Condo/Townhouse High Rise	300.00	Dwelling Unit	0.88	300,000.00	858

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	54
Climate Zone	13			**Operational Year**	2026
Utility Company	Statewide Average				
CO2 Intensity (lb/MWhr)	1001.57	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Total project site 4.72 acres

Construction Phase - 17 month construction

Trips and VMT -

Demolition - Removal of current McKinley Community School

Vehicle Trips - based on Kahului Civic Center MAR (F&P 2021) project vehicle trip generation estimates

Woodstoves -

Construction Off-road Equipment Mitigation -

Mobile Land Use Mitigation -

Area Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	ConstArea_Parking	14,304.00	14,928.00
tblAreaCoating	Area_Parking	14304	14928
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	230.00	176.00
tblConstructionPhase	NumDays	230.00	198.00
tblConstructionPhase	NumDays	230.00	220.00
tblConstructionPhase	NumDays	230.00	110.00
tblConstructionPhase	NumDays	230.00	132.00
tblConstructionPhase	NumDays	230.00	176.00
tblConstructionPhase	PhaseEndDate	7/22/2027	3/2/2026
tblConstructionPhase	PhaseEndDate	1/4/2023	7/18/2025
tblConstructionPhase	PhaseEndDate	1/28/2022	10/28/2024
tblConstructionPhase	PhaseEndDate	2/16/2022	11/14/2024
tblConstructionPhase	PhaseEndDate	6/28/2027	2/4/2026
tblConstructionPhase	PhaseEndDate	2/4/2022	11/4/2024
tblConstructionPhase	PhaseEndDate	11/22/2023	9/17/2025
tblConstructionPhase	PhaseEndDate	10/9/2024	11/18/2025
tblConstructionPhase	PhaseEndDate	8/27/2025	8/8/2025
tblConstructionPhase	PhaseEndDate	7/15/2026	10/9/2025
tblConstructionPhase	PhaseEndDate	6/2/2027	1/9/2026

tblConstructionPhase	PhaseStartDate	6/29/2027	2/5/2026
tblConstructionPhase	PhaseStartDate	2/17/2022	11/15/2024
tblConstructionPhase	PhaseStartDate	1/3/2022	10/1/2024
tblConstructionPhase	PhaseStartDate	2/5/2022	11/5/2024
tblConstructionPhase	PhaseStartDate	6/3/2027	1/10/2026
tblConstructionPhase	PhaseStartDate	1/29/2022	10/29/2024
tblConstructionPhase	PhaseStartDate	1/5/2023	12/15/2024
tblConstructionPhase	PhaseStartDate	11/23/2023	1/15/2025
tblConstructionPhase	PhaseStartDate	10/10/2024	3/9/2025
tblConstructionPhase	PhaseStartDate	8/28/2025	4/9/2025
tblConstructionPhase	PhaseStartDate	7/16/2026	5/9/2025
tblLandUse	LotAcreage	0.87	0.79
tblLandUse	LotAcreage	1.13	0.66
tblLandUse	LotAcreage	3.73	1.31
tblLandUse	LotAcreage	0.50	0.33
tblLandUse	LotAcreage	4.69	0.88
tblVehicleTrips	ST_TR	4.31	3.97
tblVehicleTrips	ST_TR	6.21	34.80
tblVehicleTrips	ST_TR	2.46	8.00
tblVehicleTrips	ST_TR	20.87	0.00
tblVehicleTrips	ST_TR	11.23	99.86
tblVehicleTrips	ST_TR	46.55	51.25
tblVehicleTrips	SU_TR	3.43	3.97
tblVehicleTrips	SU_TR	5.83	34.80
tblVehicleTrips	SU_TR	1.05	8.00
tblVehicleTrips	SU_TR	26.73	0.00
tblVehicleTrips	SU_TR	1.21	99.86
tblVehicleTrips	SU_TR	25.49	51.25
tblVehicleTrips	WD_TR	4.18	3.97
tblVehicleTrips	WD_TR	74.06	34.80

tblVehicleTrips	WD_TR	11.03	8.00
tblVehicleTrips	WD_TR	32.93	0.00
tblVehicleTrips	WD_TR	27.49	99.86
tblVehicleTrips	WD_TR	56.24	51.25

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0962	0.8043	0.8675	2.2600e-003	0.1510	0.0300	0.1810	0.0593	0.0280	0.0873	0.0000	202.4541	202.4541	0.0312	0.0000	203.2349
2025	1.1929	9.2056	11.6143	0.0341	1.5679	0.2652	1.8332	0.4230	0.2494	0.6724	0.0000	3,086.3368	3,086.3368	0.3274	0.0000	3,094.5205
2026	5.6221	0.1461	0.2231	4.9000e-004	0.0177	5.6100e-003	0.0233	4.7600e-003	5.2500e-003	0.0100	0.0000	43.7865	43.7865	7.2200e-003	0.0000	43.9669
Maximum	**5.6221**	**9.2056**	**11.6143**	**0.0341**	**1.5679**	**0.2652**	**1.8332**	**0.4230**	**0.2494**	**0.6724**	**0.0000**	**3,086.3368**	**3,086.3368**	**0.3274**	**0.0000**	**3,094.5205**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2024	0.0962	0.8043	0.8675	2.2600e-003	0.1052	0.0300	0.1351	0.0356	0.0280	0.0636	0.0000	202.4539	202.4539	0.0312	0.0000	203.2348
2025	1.1929	9.2056	11.6143	0.0341	1.5679	0.2652	1.8332	0.4230	0.2494	0.6724	0.0000	3,086.3354	3,086.3354	0.3274	0.0000	3,094.5192

2026	5.6221	0.1461	0.2231	4.9000e-004	0.0177	5.6100e-003	0.0233	4.7600e-003	5.2500e-003	0.0100	0.0000	43.7864	43.7864	7.2200e-003	0.0000	43.9669
Maximum	**5.6221**	**9.2056**	**11.6143**	**0.0341**	**1.5679**	**0.2652**	**1.8332**	**0.4230**	**0.2494**	**0.6724**	**0.0000**	**3,086.3354**	**3,086.3354**	**0.3274**	**0.0000**	**3,094.5192**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**2.64**	**0.00**	**2.25**	**4.87**	**0.00**	**3.08**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
11	**7-3-2024**	**10-2-2024**	0.0168	0.0168
12	**10-3-2024**	**1-2-2025**	0.9166	0.9166
13	**1-3-2025**	**4-2-2025**	2.1961	2.1961
14	**4-3-2025**	**7-2-2025**	3.8874	3.8874
15	**7-3-2025**	**10-2-2025**	3.1318	3.1318
16	**10-3-2025**	**1-2-2026**	1.1330	1.1330
17	**1-3-2026**	**4-2-2026**	5.9278	5.9278
		Highest	5.9278	5.9278

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	20.9158	0.3933	25.4675	0.0422		3.2703	3.2703		3.2703	3.2703	309.8873	133.6128	443.5001	0.2895	0.0244	458.0011
Energy	0.0190	0.1661	0.0970	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	1,680.6081	1,680.6081	0.0468	0.0124	1,685.4703
Mobile	0.6848	4.0886	7.5505	0.0323	2.8113	0.0230	2.8343	0.7542	0.0215	0.7756	0.0000	2,995.7822	2,995.7822	0.1284	0.0000	2,998.9927
Waste						0.0000	0.0000		0.0000	0.0000	47.1284	0.0000	47.1284	2.7852	0.0000	116.7587
Water						0.0000	0.0000		0.0000	0.0000	8.7734	177.2297	186.0031	0.9062	0.0223	215.3162

Total	**21.6196**	**4.6480**	**33.1150**	**0.0756**	**2.8113**	**3.3064**	**6.1177**	**0.7542**	**3.3049**	**4.0590**	**365.7891**	**4,987.2328**	**5,353.0219**	**4.1562**	**0.0591**	**5,474.5389**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	2.0920	0.0257	2.2315	1.2000e-004		0.0124	0.0124		0.0124	0.0124	0.0000	3.6506	3.6506	3.5200e-003	0.0000	3.7384
Energy	0.0190	0.1661	0.0970	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	1,680.6081	1,680.6081	0.0468	0.0124	1,685.4703
Mobile	0.6848	4.0886	7.5505	0.0323	2.8113	0.0230	2.8343	0.7542	0.0215	0.7756	0.0000	2,995.7822	2,995.7822	0.1284	0.0000	2,998.9927
Waste						0.0000	0.0000		0.0000	0.0000	47.1284	0.0000	47.1284	2.7852	0.0000	116.7587
Water						0.0000	0.0000		0.0000	0.0000	8.7734	177.2297	186.0031	0.9062	0.0223	215.3162
Total	**2.7957**	**4.2804**	**9.8790**	**0.0335**	**2.8113**	**0.0485**	**2.8598**	**0.7542**	**0.0469**	**0.8011**	**55.9018**	**4,857.2706**	**4,913.1724**	**3.8702**	**0.0347**	**5,020.2762**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**87.07**	**7.91**	**70.17**	**55.70**	**0.00**	**98.53**	**53.25**	**0.00**	**98.58**	**80.26**	**84.72**	**2.61**	**8.22**	**6.88**	**41.24**	**8.30**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demo	Demolition	10/1/2024	10/28/2024	5	20	
2	Site Prep	Site Preparation	10/29/2024	11/4/2024	5	5	
3	Grading	Grading	11/5/2024	11/14/2024	5	8	
4	Residential Building - Foundation	Building Construction	11/15/2024	7/18/2025	5	176	
5	Residential Building - Shell & Core	Building Construction	12/15/2024	9/17/2025	5	198	

6	Residential Building - Building	Building Construction	1/15/2025	11/18/2025	5	220	
7	Office Building - Foundation	Building Construction	3/9/2025	8/8/2025	5	110	
8	Office Building - Shell & Core	Building Construction	4/9/2025	10/9/2025	5	132	
9	Office Building - Building	Building Construction	5/9/2025	1/9/2026	5	176	
10	Paving	Paving	1/10/2026	2/4/2026	5	18	
11	Arch Coating	Architectural Coating	2/5/2026	3/2/2026	5	18	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 4

Acres of Paving: 2.3

Residential Indoor: 607,500; Residential Outdoor: 202,500; Non-Residential Indoor: 106,500; Non-Residential Outdoor: 35,500; Striped

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demo	Concrete/Industrial Saws	1	8.00	81	0.73
Demo	Excavators	3	8.00	158	0.38
Demo	Rubber Tired Dozers	2	8.00	247	0.40
Site Prep	Rubber Tired Dozers	3	8.00	247	0.40
Site Prep	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Residential Building - Foundation	Cranes	1	7.00	231	0.29
Residential Building - Foundation	Forklifts	3	8.00	89	0.20
Residential Building - Foundation	Generator Sets	1	8.00	84	0.74
Residential Building - Foundation	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Residential Building - Foundation	Welders	1	8.00	46	0.45
Paving	Cement and Mortar Mixers	2	6.00	9	0.56
Paving	Pavers	1	8.00	130	0.42

Paving	Paving Equipment	2	6.00	132	0.36
Paving	Rollers	2	6.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Arch Coating	Air Compressors	1	6.00	78	0.48
Office Building - Shell & Core	Cranes	1	7.00	231	0.29
Office Building - Building	Cranes	1	7.00	231	0.29
Residential Building - Shell & Core	Cranes	1	7.00	231	0.29
Residential Building - Building	Cranes	1	7.00	231	0.29
Office Building - Foundation	Cranes	1	7.00	231	0.29
Office Building - Shell & Core	Forklifts	3	8.00	89	0.20
Office Building - Building	Forklifts	3	8.00	89	0.20
Residential Building - Shell & Core	Forklifts	3	8.00	89	0.20
Residential Building - Building	Forklifts	3	8.00	89	0.20
Office Building - Foundation	Forklifts	3	8.00	89	0.20
Office Building - Shell & Core	Generator Sets	1	8.00	84	0.74
Office Building - Building	Generator Sets	1	8.00	84	0.74
Residential Building - Shell & Core	Generator Sets	1	8.00	84	0.74
Residential Building - Building	Generator Sets	1	8.00	84	0.74
Office Building - Foundation	Generator Sets	1	8.00	84	0.74
Office Building - Shell & Core	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Office Building - Building	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Residential Building - Shell & Core	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Residential Building - Building	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Office Building - Foundation	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Office Building - Shell & Core	Welders	1	8.00	46	0.45
Office Building - Building	Welders	1	8.00	46	0.45
Residential Building - Shell & Core	Welders	1	8.00	46	0.45
Residential Building - Building	Welders	1	8.00	46	0.45
Office Building - Foundation	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demo	6	15.00	0.00	35.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Prep	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Residential Building - Foundation	9	342.00	83.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Arch Coating	1	68.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Office Building - Shell & Core	9	342.00	83.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Office Building - Building	9	342.00	83.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Residential Building - Shell & Core	9	342.00	83.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Residential Building - Building	9	342.00	83.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Office Building - Foundation	9	342.00	83.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Replace Ground Cover

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Demo - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.8400e-003	0.0000	3.8400e-003	5.8000e-004	0.0000	5.8000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0224	0.2088	0.1971	3.9000e-004		9.6000e-003	9.6000e-003		8.9200e-003	8.9200e-003	0.0000	33.9961	33.9961	9.5100e-003	0.0000	34.2338
Total	**0.0224**	**0.2088**	**0.1971**	**3.9000e-004**	**3.8400e-003**	**9.6000e-003**	**0.0134**	**5.8000e-004**	**8.9200e-003**	**9.5000e-003**	**0.0000**	**33.9961**	**33.9961**	**9.5100e-003**	**0.0000**	**34.2338**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	2.7300e-003	7.2000e-004	1.0000e-005	3.0000e-004	1.0000e-005	3.0000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	1.2444	1.2444	6.0000e-005	0.0000	1.2458
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.8000e-004	3.1400e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9293	0.9293	2.0000e-005	0.0000	0.9299
Total	**5.2000e-004**	**3.0100e-003**	**3.8600e-003**	**2.0000e-005**	**1.4900e-003**	**2.0000e-005**	**1.5000e-003**	**4.0000e-004**	**1.0000e-005**	**4.1000e-004**	**0.0000**	**2.1737**	**2.1737**	**8.0000e-005**	**0.0000**	**2.1756**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.5000e-003	0.0000	1.5000e-003	2.3000e-004	0.0000	2.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0224	0.2088	0.1971	3.9000e-004		9.6000e-003	9.6000e-003		8.9200e-003	8.9200e-003	0.0000	33.9960	33.9960	9.5100e-003	0.0000	34.2338
Total	**0.0224**	**0.2088**	**0.1971**	**3.9000e-004**	**1.5000e-003**	**9.6000e-003**	**0.0111**	**2.3000e-004**	**8.9200e-003**	**9.1500e-003**	**0.0000**	**33.9960**	**33.9960**	**9.5100e-003**	**0.0000**	**34.2338**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	2.7300e-003	7.2000e-004	1.0000e-005	3.0000e-004	1.0000e-005	3.0000e-004	8.0000e-005	0.0000	9.0000e-005	0.0000	1.2444	1.2444	6.0000e-005	0.0000	1.2458
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.8000e-004	3.1400e-003	1.0000e-005	1.1900e-003	1.0000e-005	1.2000e-003	3.2000e-004	1.0000e-005	3.2000e-004	0.0000	0.9293	0.9293	2.0000e-005	0.0000	0.9299
Total	**5.2000e-004**	**3.0100e-003**	**3.8600e-003**	**2.0000e-005**	**1.4900e-003**	**2.0000e-005**	**1.5000e-003**	**4.0000e-004**	**1.0000e-005**	**4.1000e-004**	**0.0000**	**2.1737**	**2.1737**	**8.0000e-005**	**0.0000**	**2.1756**

3.3 Site Prep - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0452	0.0000	0.0452	0.0248	0.0000	0.0248	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6500e-003	0.0679	0.0458	1.0000e-004		3.0700e-003	3.0700e-003		2.8300e-003	2.8300e-003	0.0000	8.3643	8.3643	2.7100e-003	0.0000	8.4319
Total	**6.6500e-003**	**0.0679**	**0.0458**	**1.0000e-004**	**0.0452**	**3.0700e-003**	**0.0482**	**0.0248**	**2.8300e-003**	**0.0277**	**0.0000**	**8.3643**	**8.3643**	**2.7100e-003**	**0.0000**	**8.4319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	8.0000e-005	9.4000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2788	0.2788	1.0000e-005	0.0000	0.2790
Total	**1.3000e-004**	**8.0000e-005**	**9.4000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.2788**	**0.2788**	**1.0000e-005**	**0.0000**	**0.2790**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0176	0.0000	0.0176	9.6800e-003	0.0000	9.6800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6500e-003	0.0679	0.0458	1.0000e-004		3.0700e-003	3.0700e-003		2.8300e-003	2.8300e-003	0.0000	8.3643	8.3643	2.7100e-003	0.0000	8.4319
Total	**6.6500e-003**	**0.0679**	**0.0458**	**1.0000e-004**	**0.0176**	**3.0700e-003**	**0.0207**	**9.6800e-003**	**2.8300e-003**	**0.0125**	**0.0000**	**8.3643**	**8.3643**	**2.7100e-003**	**0.0000**	**8.4319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.3000e-004	8.0000e-005	9.4000e-004	0.0000	3.6000e-004	0.0000	3.6000e-004	1.0000e-004	0.0000	1.0000e-004	0.0000	0.2788	0.2788	1.0000e-005	0.0000	0.2790
Total	**1.3000e-004**	**8.0000e-005**	**9.4000e-004**	**0.0000**	**3.6000e-004**	**0.0000**	**3.6000e-004**	**1.0000e-004**	**0.0000**	**1.0000e-004**	**0.0000**	**0.2788**	**0.2788**	**1.0000e-005**	**0.0000**	**0.2790**

3.4 Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0262	0.0000	0.0262	0.0135	0.0000	0.0135	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6500e-003	0.0681	0.0590	1.2000e-004		2.9000e-003	2.9000e-003		2.6700e-003	2.6700e-003	0.0000	10.4256	10.4256	3.3700e-003	0.0000	10.5099
Total	**6.6500e-003**	**0.0681**	**0.0590**	**1.2000e-004**	**0.0262**	**2.9000e-003**	**0.0291**	**0.0135**	**2.6700e-003**	**0.0161**	**0.0000**	**10.4256**	**10.4256**	**3.3700e-003**	**0.0000**	**10.5099**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.1000e-004	1.2500e-003	0.0000	4.8000e-004	0.0000	4.8000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3717	0.3717	1.0000e-005	0.0000	0.3719
Total	**1.8000e-004**	**1.1000e-004**	**1.2500e-003**	**0.0000**	**4.8000e-004**	**0.0000**	**4.8000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.3717**	**0.3717**	**1.0000e-005**	**0.0000**	**0.3719**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e

Category	tons/yr										MT/yr					
Fugitive Dust					0.0102	0.0000	0.0102	5.2500e-003	0.0000	5.2500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6500e-003	0.0681	0.0590	1.2000e-004		2.9000e-003	2.9000e-003		2.6700e-003	2.6700e-003	0.0000	10.4256	10.4256	3.3700e-003	0.0000	10.5099
Total	**6.6500e-003**	**0.0681**	**0.0590**	**1.2000e-004**	**0.0102**	**2.9000e-003**	**0.0131**	**5.2500e-003**	**2.6700e-003**	**7.9200e-003**	**0.0000**	**10.4256**	**10.4256**	**3.3700e-003**	**0.0000**	**10.5099**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-004	1.1000e-004	1.2500e-003	0.0000	4.8000e-004	0.0000	4.8000e-004	1.3000e-004	0.0000	1.3000e-004	0.0000	0.3717	0.3717	1.0000e-005	0.0000	0.3719
Total	**1.8000e-004**	**1.1000e-004**	**1.2500e-003**	**0.0000**	**4.8000e-004**	**0.0000**	**4.8000e-004**	**1.3000e-004**	**0.0000**	**1.3000e-004**	**0.0000**	**0.3717**	**0.3717**	**1.0000e-005**	**0.0000**	**0.3719**

3.5 Residential Building - Foundation - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0243	0.2218	0.2668	4.4000e-004		0.0101	0.0101		9.5200e-003	9.5200e-003	0.0000	38.2551	38.2551	9.0500e-003	0.0000	38.4813
Total	**0.0243**	**0.2218**	**0.2668**	**4.4000e-004**		**0.0101**	**0.0101**		**9.5200e-003**	**9.5200e-003**	**0.0000**	**38.2551**	**38.2551**	**9.0500e-003**	**0.0000**	**38.4813**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8900e-003	0.1023	0.0255	3.6000e-004	9.0300e-003	1.2000e-004	9.1500e-003	2.6100e-003	1.1000e-004	2.7200e-003	0.0000	34.4697	34.4697	1.5500e-003	0.0000	34.5085
Worker	0.0165	0.0105	0.1180	3.9000e-004	0.0449	3.1000e-004	0.0452	0.0119	2.8000e-004	0.0122	0.0000	34.9608	34.9608	8.1000e-004	0.0000	34.9810
Total	**0.0194**	**0.1128**	**0.1435**	**7.5000e-004**	**0.0539**	**4.3000e-004**	**0.0543**	**0.0145**	**3.9000e-004**	**0.0149**	**0.0000**	**69.4305**	**69.4305**	**2.3600e-003**	**0.0000**	**69.4895**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0243	0.2218	0.2668	4.4000e-004		0.0101	0.0101		9.5200e-003	9.5200e-003	0.0000	38.2551	38.2551	9.0500e-003	0.0000	38.4812
Total	**0.0243**	**0.2218**	**0.2668**	**4.4000e-004**		**0.0101**	**0.0101**		**9.5200e-003**	**9.5200e-003**	**0.0000**	**38.2551**	**38.2551**	**9.0500e-003**	**0.0000**	**38.4812**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.8900e-003	0.1023	0.0255	3.6000e-004	9.0300e-003	1.2000e-004	9.1500e-003	2.6100e-003	1.1000e-004	2.7200e-003	0.0000	34.4697	34.4697	1.5500e-003	0.0000	34.5085
Worker	0.0165	0.0105	0.1180	3.9000e-004	0.0449	3.1000e-004	0.0452	0.0119	2.8000e-004	0.0122	0.0000	34.9608	34.9608	8.1000e-004	0.0000	34.9810
Total	**0.0194**	**0.1128**	**0.1435**	**7.5000e-004**	**0.0539**	**4.3000e-004**	**0.0543**	**0.0145**	**3.9000e-004**	**0.0149**	**0.0000**	**69.4305**	**69.4305**	**2.3600e-003**	**0.0000**	**69.4895**

3.5 Residential Building - Foundation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8916	1.1501	1.9300e-003		0.0377	0.0377		0.0355	0.0355	0.0000	165.8224	165.8224	0.0390	0.0000	166.7969
Total	**0.0978**	**0.8916**	**1.1501**	**1.9300e-003**		**0.0377**	**0.0377**		**0.0355**	**0.0355**	**0.0000**	**165.8224**	**165.8224**	**0.0390**	**0.0000**	**166.7969**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0122	0.4383	0.1065	1.5500e-003	0.0391	4.9000e-004	0.0396	0.0113	4.7000e-004	0.0118	0.0000	148.4294	148.4294	6.6000e-003	0.0000	148.5945
Worker	0.0678	0.0414	0.4735	1.6100e-003	0.1944	1.3000e-003	0.1957	0.0517	1.1900e-003	0.0529	0.0000	145.4838	145.4838	3.1800e-003	0.0000	145.5632
Total	**0.0799**	**0.4797**	**0.5800**	**3.1600e-003**	**0.2336**	**1.7900e-003**	**0.2354**	**0.0630**	**1.6600e-003**	**0.0647**	**0.0000**	**293.9132**	**293.9132**	**9.7800e-003**	**0.0000**	**294.1577**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0978	0.8916	1.1501	1.9300e-003		0.0377	0.0377		0.0355	0.0355	0.0000	165.8222	165.8222	0.0390	0.0000	166.7967
Total	**0.0978**	**0.8916**	**1.1501**	**1.9300e-003**		**0.0377**	**0.0377**		**0.0355**	**0.0355**	**0.0000**	**165.8222**	**165.8222**	**0.0390**	**0.0000**	**166.7967**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0122	0.4383	0.1065	1.5500e-003	0.0391	4.9000e-004	0.0396	0.0113	4.7000e-004	0.0118	0.0000	148.4294	148.4294	6.6000e-003	0.0000	148.5945
Worker	0.0678	0.0414	0.4735	1.6100e-003	0.1944	1.3000e-003	0.1957	0.0517	1.1900e-003	0.0529	0.0000	145.4838	145.4838	3.1800e-003	0.0000	145.5632
Total	**0.0799**	**0.4797**	**0.5800**	**3.1600e-003**	**0.2336**	**1.7900e-003**	**0.2354**	**0.0630**	**1.6600e-003**	**0.0647**	**0.0000**	**293.9132**	**293.9132**	**9.7800e-003**	**0.0000**	**294.1577**

3.6 Residential Building - Shell & Core - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.8300e-003	0.0807	0.0970	1.6000e-004		3.6800e-003	3.6800e-003		3.4600e-003	3.4600e-003	0.0000	13.9110	13.9110	3.2900e-003	0.0000	13.9932
Total	**8.8300e-003**	**0.0807**	**0.0970**	**1.6000e-004**		**3.6800e-003**	**3.6800e-003**		**3.4600e-003**	**3.4600e-003**	**0.0000**	**13.9110**	**13.9110**	**3.2900e-003**	**0.0000**	**13.9932**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0500e-003	0.0372	9.2800e-003	1.3000e-004	3.2800e-003	4.0000e-005	3.3300e-003	9.5000e-004	4.0000e-005	9.9000e-004	0.0000	12.5344	12.5344	5.6000e-004	0.0000	12.5485
Worker	6.0100e-003	3.8100e-003	0.0429	1.4000e-004	0.0163	1.1000e-004	0.0164	4.3400e-003	1.0000e-004	4.4400e-003	0.0000	12.7130	12.7130	2.9000e-004	0.0000	12.7204
Total	**7.0600e-003**	**0.0410**	**0.0522**	**2.7000e-004**	**0.0196**	**1.5000e-004**	**0.0198**	**5.2900e-003**	**1.4000e-004**	**5.4300e-003**	**0.0000**	**25.2475**	**25.2475**	**8.5000e-004**	**0.0000**	**25.2689**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	8.8300e-003	0.0807	0.0970	1.6000e-004		3.6800e-003	3.6800e-003		3.4600e-003	3.4600e-003	0.0000	13.9109	13.9109	3.2900e-003	0.0000	13.9932
Total	**8.8300e-003**	**0.0807**	**0.0970**	**1.6000e-004**		**3.6800e-003**	**3.6800e-003**		**3.4600e-003**	**3.4600e-003**	**0.0000**	**13.9109**	**13.9109**	**3.2900e-003**	**0.0000**	**13.9932**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0500e-003	0.0372	9.2800e-003	1.3000e-004	3.2800e-003	4.0000e-005	3.3300e-003	9.5000e-004	4.0000e-005	9.9000e-004	0.0000	12.5344	12.5344	5.6000e-004	0.0000	12.5485
Worker	6.0100e-003	3.8100e-003	0.0429	1.4000e-004	0.0163	1.1000e-004	0.0164	4.3400e-003	1.0000e-004	4.4400e-003	0.0000	12.7130	12.7130	2.9000e-004	0.0000	12.7204
Total	**7.0600e-003**	**0.0410**	**0.0522**	**2.7000e-004**	**0.0196**	**1.5000e-004**	**0.0198**	**5.2900e-003**	**1.4000e-004**	**5.4300e-003**	**0.0000**	**25.2475**	**25.2475**	**8.5000e-004**	**0.0000**	**25.2689**

3.6 Residential Building - Shell & Core - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1272	1.1597	1.4959	2.5100e-003		0.0491	0.0491		0.0462	0.0462	0.0000	215.6851	215.6851	0.0507	0.0000	216.9526

Total	**0.1272**	**1.1597**	**1.4959**	**2.5100e-003**		**0.0491**	**0.0491**		**0.0462**	**0.0462**	**0.0000**	**215.6851**	**215.6851**	**0.0507**	**0.0000**	**216.9526**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0158	0.5701	0.1385	2.0100e-003	0.0509	6.4000e-004	0.0515	0.0147	6.1000e-004	0.0153	0.0000	193.0620	193.0620	8.5900e-003	0.0000	193.2767
Worker	0.0882	0.0538	0.6159	2.0900e-003	0.2529	1.6900e-003	0.2546	0.0672	1.5500e-003	0.0688	0.0000	189.2307	189.2307	4.1300e-003	0.0000	189.3340
Total	**0.1040**	**0.6239**	**0.7544**	**4.1000e-003**	**0.3038**	**2.3300e-003**	**0.3061**	**0.0820**	**2.1600e-003**	**0.0841**	**0.0000**	**382.2927**	**382.2927**	**0.0127**	**0.0000**	**382.6107**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1272	1.1597	1.4959	2.5100e-003		0.0491	0.0491		0.0462	0.0462	0.0000	215.6848	215.6848	0.0507	0.0000	216.9524
Total	**0.1272**	**1.1597**	**1.4959**	**2.5100e-003**		**0.0491**	**0.0491**		**0.0462**	**0.0462**	**0.0000**	**215.6848**	**215.6848**	**0.0507**	**0.0000**	**216.9524**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0158	0.5701	0.1385	2.0100e-003	0.0509	6.4000e-004	0.0515	0.0147	6.1000e-004	0.0153	0.0000	193.0620	193.0620	8.5900e-003	0.0000	193.2767
Worker	0.0882	0.0538	0.6159	2.0900e-003	0.2529	1.6900e-003	0.2546	0.0672	1.5500e-003	0.0688	0.0000	189.2307	189.2307	4.1300e-003	0.0000	189.3340
Total	**0.1040**	**0.6239**	**0.7544**	**4.1000e-003**	**0.3038**	**2.3300e-003**	**0.3061**	**0.0820**	**2.1600e-003**	**0.0841**	**0.0000**	**382.2927**	**382.2927**	**0.0127**	**0.0000**	**382.6107**

3.7 Residential Building - Building - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1504	1.3717	1.7693	2.9700e-003		0.0580	0.0580		0.0546	0.0546	0.0000	255.1114	255.1114	0.0600	0.0000	256.6106
Total	**0.1504**	**1.3717**	**1.7693**	**2.9700e-003**		**0.0580**	**0.0580**		**0.0546**	**0.0546**	**0.0000**	**255.1114**	**255.1114**	**0.0600**	**0.0000**	**256.6106**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0187	0.6743	0.1638	2.3800e-003	0.0602	7.6000e-004	0.0610	0.0174	7.2000e-004	0.0181	0.0000	228.3529	228.3529	0.0102	0.0000	228.6069
Worker	0.1043	0.0636	0.7285	2.4700e-003	0.2991	2.0000e-003	0.3011	0.0795	1.8400e-003	0.0814	0.0000	223.8212	223.8212	4.8900e-003	0.0000	223.9435
Total	**0.1230**	**0.7380**	**0.8923**	**4.8500e-003**	**0.3593**	**2.7600e-003**	**0.3621**	**0.0969**	**2.5600e-003**	**0.0995**	**0.0000**	**452.1741**	**452.1741**	**0.0151**	**0.0000**	**452.5503**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1504	1.3717	1.7693	2.9700e-003		0.0580	0.0580		0.0546	0.0546	0.0000	255.1111	255.1111	0.0600	0.0000	256.6103
Total	**0.1504**	**1.3717**	**1.7693**	**2.9700e-003**		**0.0580**	**0.0580**		**0.0546**	**0.0546**	**0.0000**	**255.1111**	**255.1111**	**0.0600**	**0.0000**	**256.6103**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0187	0.6743	0.1638	2.3800e-003	0.0602	7.6000e-004	0.0610	0.0174	7.2000e-004	0.0181	0.0000	228.3529	228.3529	0.0102	0.0000	228.6069
Worker	0.1043	0.0636	0.7285	2.4700e-003	0.2991	2.0000e-003	0.3011	0.0795	1.8400e-003	0.0814	0.0000	223.8212	223.8212	4.8900e-003	0.0000	223.9435
Total	**0.1230**	**0.7380**	**0.8923**	**4.8500e-003**	**0.3593**	**2.7600e-003**	**0.3621**	**0.0969**	**2.5600e-003**	**0.0995**	**0.0000**	**452.1741**	**452.1741**	**0.0151**	**0.0000**	**452.5503**

3.8 Office Building - Foundation - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0752	0.6858	0.8847	1.4800e-003		0.0290	0.0290		0.0273	0.0273	0.0000	127.5557	127.5557	0.0300	0.0000	128.3053
Total	**0.0752**	**0.6858**	**0.8847**	**1.4800e-003**		**0.0290**	**0.0290**		**0.0273**	**0.0273**	**0.0000**	**127.5557**	**127.5557**	**0.0300**	**0.0000**	**128.3053**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.3500e-003	0.3372	0.0819	1.1900e-003	0.0301	3.8000e-004	0.0305	8.7000e-003	3.6000e-004	9.0600e-003	0.0000	114.1764	114.1764	5.0800e-003	0.0000	114.3034
Worker	0.0521	0.0318	0.3643	1.2400e-003	0.1496	1.0000e-003	0.1506	0.0398	9.2000e-004	0.0407	0.0000	111.9106	111.9106	2.4400e-003	0.0000	111.9717
Total	**0.0615**	**0.3690**	**0.4462**	**2.4300e-003**	**0.1797**	**1.3800e-003**	**0.1810**	**0.0485**	**1.2800e-003**	**0.0498**	**0.0000**	**226.0871**	**226.0871**	**7.5200e-003**	**0.0000**	**226.2752**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0752	0.6858	0.8847	1.4800e-003		0.0290	0.0290		0.0273	0.0273	0.0000	127.5556	127.5556	0.0300	0.0000	128.3052
Total	**0.0752**	**0.6858**	**0.8847**	**1.4800e-003**		**0.0290**	**0.0290**		**0.0273**	**0.0273**	**0.0000**	**127.5556**	**127.5556**	**0.0300**	**0.0000**	**128.3052**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	9.3500e-003	0.3372	0.0819	1.1900e-003	0.0301	3.8000e-004	0.0305	8.7000e-003	3.6000e-004	9.0600e-003	0.0000	114.1764	114.1764	5.0800e-003	0.0000	114.3034
Worker	0.0521	0.0318	0.3643	1.2400e-003	0.1496	1.0000e-003	0.1506	0.0398	9.2000e-004	0.0407	0.0000	111.9106	111.9106	2.4400e-003	0.0000	111.9717
Total	**0.0615**	**0.3690**	**0.4462**	**2.4300e-003**	**0.1797**	**1.3800e-003**	**0.1810**	**0.0485**	**1.2800e-003**	**0.0498**	**0.0000**	**226.0871**	**226.0871**	**7.5200e-003**	**0.0000**	**226.2752**

3.9 Office Building - Shell & Core - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0903	0.8230	1.0616	1.7800e-003		0.0348	0.0348		0.0328	0.0328	0.0000	153.0668	153.0668	0.0360	0.0000	153.9664

Total	**0.0903**	**0.8230**	**1.0616**	**1.7800e-003**		**0.0348**	**0.0348**		**0.0328**	**0.0328**	**0.0000**	**153.0668**	**153.0668**	**0.0360**	**0.0000**	**153.9664**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0112	0.4046	0.0983	1.4300e-003	0.0361	4.5000e-004	0.0366	0.0104	4.3000e-004	0.0109	0.0000	137.0117	137.0117	6.1000e-003	0.0000	137.1641
Worker	0.0626	0.0382	0.4371	1.4800e-003	0.1795	1.2000e-003	0.1807	0.0477	1.1000e-003	0.0488	0.0000	134.2928	134.2928	2.9300e-003	0.0000	134.3661
Total	**0.0738**	**0.4428**	**0.5354**	**2.9100e-003**	**0.2156**	**1.6500e-003**	**0.2172**	**0.0582**	**1.5300e-003**	**0.0597**	**0.0000**	**271.3045**	**271.3045**	**9.0300e-003**	**0.0000**	**271.5302**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0903	0.8230	1.0616	1.7800e-003		0.0348	0.0348		0.0328	0.0328	0.0000	153.0667	153.0667	0.0360	0.0000	153.9662
Total	**0.0903**	**0.8230**	**1.0616**	**1.7800e-003**		**0.0348**	**0.0348**		**0.0328**	**0.0328**	**0.0000**	**153.0667**	**153.0667**	**0.0360**	**0.0000**	**153.9662**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0112	0.4046	0.0983	1.4300e-003	0.0361	4.5000e-004	0.0366	0.0104	4.3000e-004	0.0109	0.0000	137.0117	137.0117	6.1000e-003	0.0000	137.1641
Worker	0.0626	0.0382	0.4371	1.4800e-003	0.1795	1.2000e-003	0.1807	0.0477	1.1000e-003	0.0488	0.0000	134.2928	134.2928	2.9300e-003	0.0000	134.3661
Total	**0.0738**	**0.4428**	**0.5354**	**2.9100e-003**	**0.2156**	**1.6500e-003**	**0.2172**	**0.0582**	**1.5300e-003**	**0.0597**	**0.0000**	**271.3045**	**271.3045**	**9.0300e-003**	**0.0000**	**271.5302**

3.10 Office Building - Building - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1155	1.0537	1.3592	2.2800e-003		0.0446	0.0446		0.0419	0.0419	0.0000	195.9719	195.9719	0.0461	0.0000	197.1236
Total	**0.1155**	**1.0537**	**1.3592**	**2.2800e-003**		**0.0446**	**0.0446**		**0.0419**	**0.0419**	**0.0000**	**195.9719**	**195.9719**	**0.0461**	**0.0000**	**197.1236**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0144	0.5180	0.1258	1.8300e-003	0.0463	5.8000e-004	0.0468	0.0134	5.6000e-004	0.0139	0.0000	175.4165	175.4165	7.8100e-003	0.0000	175.6117
Worker	0.0801	0.0489	0.5596	1.9000e-003	0.2298	1.5300e-003	0.2313	0.0611	1.4100e-003	0.0625	0.0000	171.9354	171.9354	3.7500e-003	0.0000	172.0293
Total	**0.0945**	**0.5669**	**0.6855**	**3.7300e-003**	**0.2760**	**2.1100e-003**	**0.2781**	**0.0745**	**1.9700e-003**	**0.0764**	**0.0000**	**347.3519**	**347.3519**	**0.0116**	**0.0000**	**347.6409**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1155	1.0537	1.3592	2.2800e-003		0.0446	0.0446		0.0419	0.0419	0.0000	195.9717	195.9717	0.0461	0.0000	197.1234
Total	**0.1155**	**1.0537**	**1.3592**	**2.2800e-003**		**0.0446**	**0.0446**		**0.0419**	**0.0419**	**0.0000**	**195.9717**	**195.9717**	**0.0461**	**0.0000**	**197.1234**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0144	0.5180	0.1258	1.8300e-003	0.0463	5.8000e-004	0.0468	0.0134	5.6000e-004	0.0139	0.0000	175.4165	175.4165	7.8100e-003	0.0000	175.6117
Worker	0.0801	0.0489	0.5596	1.9000e-003	0.2298	1.5300e-003	0.2313	0.0611	1.4100e-003	0.0625	0.0000	171.9354	171.9354	3.7500e-003	0.0000	172.0293
Total	**0.0945**	**0.5669**	**0.6855**	**3.7300e-003**	**0.2760**	**2.1100e-003**	**0.2781**	**0.0745**	**1.9700e-003**	**0.0764**	**0.0000**	**347.3519**	**347.3519**	**0.0116**	**0.0000**	**347.6409**

3.10 Office Building - Building - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7900e-003	0.0436	0.0563	9.0000e-005		1.8500e-003	1.8500e-003		1.7400e-003	1.7400e-003	0.0000	8.1172	8.1172	1.9100e-003	0.0000	8.1649
Total	**4.7900e-003**	**0.0436**	**0.0563**	**9.0000e-005**		**1.8500e-003**	**1.8500e-003**		**1.7400e-003**	**1.7400e-003**	**0.0000**	**8.1172**	**8.1172**	**1.9100e-003**	**0.0000**	**8.1649**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8000e-004	0.0212	5.0500e-003	8.0000e-005	1.9200e-003	2.0000e-005	1.9400e-003	5.5000e-004	2.0000e-005	5.8000e-004	0.0000	7.2234	7.2234	3.2000e-004	0.0000	7.2314
Worker	3.1500e-003	1.8600e-003	0.0216	8.0000e-005	9.5200e-003	6.0000e-005	9.5800e-003	2.5300e-003	6.0000e-005	2.5900e-003	0.0000	6.8652	6.8652	1.4000e-004	0.0000	6.8687
Total	**3.7300e-003**	**0.0231**	**0.0267**	**1.6000e-004**	**0.0114**	**8.0000e-005**	**0.0115**	**3.0800e-003**	**8.0000e-005**	**3.1700e-003**	**0.0000**	**14.0886**	**14.0886**	**4.6000e-004**	**0.0000**	**14.1001**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	4.7900e-003	0.0436	0.0563	9.0000e-005		1.8500e-003	1.8500e-003		1.7400e-003	1.7400e-003	0.0000	8.1172	8.1172	1.9100e-003	0.0000	8.1649
Total	**4.7900e-003**	**0.0436**	**0.0563**	**9.0000e-005**		**1.8500e-003**	**1.8500e-003**		**1.7400e-003**	**1.7400e-003**	**0.0000**	**8.1172**	**8.1172**	**1.9100e-003**	**0.0000**	**8.1649**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	5.8000e-004	0.0212	5.0500e-003	8.0000e-005	1.9200e-003	2.0000e-005	1.9400e-003	5.5000e-004	2.0000e-005	5.8000e-004	0.0000	7.2234	7.2234	3.2000e-004	0.0000	7.2314
Worker	3.1500e-003	1.8600e-003	0.0216	8.0000e-005	9.5200e-003	6.0000e-005	9.5800e-003	2.5300e-003	6.0000e-005	2.5900e-003	0.0000	6.8652	6.8652	1.4000e-004	0.0000	6.8687
Total	**3.7300e-003**	**0.0231**	**0.0267**	**1.6000e-004**	**0.0114**	**8.0000e-005**	**0.0115**	**3.0800e-003**	**8.0000e-005**	**3.1700e-003**	**0.0000**	**14.0886**	**14.0886**	**4.6000e-004**	**0.0000**	**14.1001**

3.11 Paving - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.3800e-003	0.0678	0.1096	1.7000e-004		3.1700e-003	3.1700e-003		2.9300e-003	2.9300e-003	0.0000	14.7404	14.7404	4.6300e-003	0.0000	14.8562

Paving	4.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.8100e-003**	**0.0678**	**0.1096**	**1.7000e-004**		**3.1700e-003**	**3.1700e-003**		**2.9300e-003**	**2.9300e-003**	**0.0000**	**14.7404**	**14.7404**	**4.6300e-003**	**0.0000**	**14.8562**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7000e-004	2.8000e-004	3.2500e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.0324	1.0324	2.0000e-005	0.0000	1.0329
Total	**4.7000e-004**	**2.8000e-004**	**3.2500e-003**	**1.0000e-005**	**1.4300e-003**	**1.0000e-005**	**1.4400e-003**	**3.8000e-004**	**1.0000e-005**	**3.9000e-004**	**0.0000**	**1.0324**	**1.0324**	**2.0000e-005**	**0.0000**	**1.0329**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	7.3800e-003	0.0678	0.1096	1.7000e-004		3.1700e-003	3.1700e-003		2.9300e-003	2.9300e-003	0.0000	14.7404	14.7404	4.6300e-003	0.0000	14.8562
Paving	4.3000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**7.8100e-003**	**0.0678**	**0.1096**	**1.7000e-004**		**3.1700e-003**	**3.1700e-003**		**2.9300e-003**	**2.9300e-003**	**0.0000**	**14.7404**	**14.7404**	**4.6300e-003**	**0.0000**	**14.8562**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.7000e-004	2.8000e-004	3.2500e-003	1.0000e-005	1.4300e-003	1.0000e-005	1.4400e-003	3.8000e-004	1.0000e-005	3.9000e-004	0.0000	1.0324	1.0324	2.0000e-005	0.0000	1.0329
Total	**4.7000e-004**	**2.8000e-004**	**3.2500e-003**	**1.0000e-005**	**1.4300e-003**	**1.0000e-005**	**1.4400e-003**	**3.8000e-004**	**1.0000e-005**	**3.9000e-004**	**0.0000**	**1.0324**	**1.0324**	**2.0000e-005**	**0.0000**	**1.0329**

3.12 Arch Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	5.6021					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5400e-003	0.0103	0.0163	3.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	2.2979	2.2979	1.3000e-004	0.0000	2.3011
Total	**5.6037**	**0.0103**	**0.0163**	**3.0000e-005**		**4.6000e-004**	**4.6000e-004**		**4.6000e-004**	**4.6000e-004**	**0.0000**	**2.2979**	**2.2979**	**1.3000e-004**	**0.0000**	**2.3011**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6100e-003	9.5000e-004	0.0111	4.0000e-005	4.8700e-003	3.0000e-005	4.9000e-003	1.2900e-003	3.0000e-005	1.3200e-003	0.0000	3.5100	3.5100	7.0000e-005	0.0000	3.5118
Total	**1.6100e-003**	**9.5000e-004**	**0.0111**	**4.0000e-005**	**4.8700e-003**	**3.0000e-005**	**4.9000e-003**	**1.2900e-003**	**3.0000e-005**	**1.3200e-003**	**0.0000**	**3.5100**	**3.5100**	**7.0000e-005**	**0.0000**	**3.5118**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	5.6021					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.5400e-003	0.0103	0.0163	3.0000e-005		4.6000e-004	4.6000e-004		4.6000e-004	4.6000e-004	0.0000	2.2979	2.2979	1.3000e-004	0.0000	2.3011
Total	**5.6037**	**0.0103**	**0.0163**	**3.0000e-005**		**4.6000e-004**	**4.6000e-004**		**4.6000e-004**	**4.6000e-004**	**0.0000**	**2.2979**	**2.2979**	**1.3000e-004**	**0.0000**	**2.3011**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.6100e-003	9.5000e-004	0.0111	4.0000e-005	4.8700e-003	3.0000e-005	4.9000e-003	1.2900e-003	3.0000e-005	1.3200e-003	0.0000	3.5100	3.5100	7.0000e-005	0.0000	3.5118
Total	**1.6100e-003**	**9.5000e-004**	**0.0111**	**4.0000e-005**	**4.8700e-003**	**3.0000e-005**	**4.9000e-003**	**1.2900e-003**	**3.0000e-005**	**1.3200e-003**	**0.0000**	**3.5100**	**3.5100**	**7.0000e-005**	**0.0000**	**3.5118**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.6848	4.0886	7.5505	0.0323	2.8113	0.0230	2.8343	0.7542	0.0215	0.7756	0.0000	2,995.7822	2,995.7822	0.1284	0.0000	2,998.9927
Unmitigated	0.6848	4.0886	7.5505	0.0323	2.8113	0.0230	2.8343	0.7542	0.0215	0.7756	0.0000	2,995.7822	2,995.7822	0.1284	0.0000	2,998.9927

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Condo/Townhouse High Rise	1,191.00	1,191.00	1191.00	3,397,742	3,397,742
Day-Care Center	174.00	174.00	174.00	204,907	204,907
Enclosed Parking Structure	0.00	0.00	0.00		
Enclosed Parking Structure	0.00	0.00	0.00		
General Office Building	304.00	304.00	304.00	726,485	726,485
Health Club	0.00	0.00	0.00		
Junior College (2Yr)	699.02	699.02	699.02	1,775,187	1,775,187
Library	820.00	820.00	820.00	1,389,783	1,389,783
Parking Lot	0.00	0.00	0.00		
Total	3,188.02	3,188.02	3,188.02	7,494,104	7,494,104

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by

Condo/Townhouse High Rise	10.80	7.30	7.50	41.40	19.30	39.30	86	11	3
Day-Care Center	9.50	7.30	7.30	12.70	82.30	5.00	28	58	14
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Enclosed Parking Structure	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
General Office Building	9.50	7.30	7.30	33.00	48.00	19.00	77	19	4
Health Club	9.50	7.30	7.30	16.90	64.10	19.00	52	39	9
Junior College (2Yr)	9.50	7.30	7.30	6.40	88.60	5.00	92	7	1
Library	9.50	7.30	7.30	52.00	43.00	5.00	44	44	12
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Condo/Townhouse High Rise	0.561571	0.037652	0.194882	0.109048	0.014568	0.005292	0.020033	0.046261	0.002128	0.001655	0.005320	0.000812	0.000780
Day-Care Center	0.561571	0.037652	0.194882	0.109048	0.014568	0.005292	0.020033	0.046261	0.002128	0.001655	0.005320	0.000812	0.000780
Enclosed Parking Structure	0.561571	0.037652	0.194882	0.109048	0.014568	0.005292	0.020033	0.046261	0.002128	0.001655	0.005320	0.000812	0.000780
General Office Building	0.561571	0.037652	0.194882	0.109048	0.014568	0.005292	0.020033	0.046261	0.002128	0.001655	0.005320	0.000812	0.000780
Health Club	0.561571	0.037652	0.194882	0.109048	0.014568	0.005292	0.020033	0.046261	0.002128	0.001655	0.005320	0.000812	0.000780
Junior College (2Yr)	0.561571	0.037652	0.194882	0.109048	0.014568	0.005292	0.020033	0.046261	0.002128	0.001655	0.005320	0.000812	0.000780
Library	0.561571	0.037652	0.194882	0.109048	0.014568	0.005292	0.020033	0.046261	0.002128	0.001655	0.005320	0.000812	0.000780
Parking Lot	0.561571	0.037652	0.194882	0.109048	0.014568	0.005292	0.020033	0.046261	0.002128	0.001655	0.005320	0.000812	0.000780

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,492.6297	1,492.6297	0.0432	8.9400e-003	1,496.3748
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,492.6297	1,492.6297	0.0432	8.9400e-003	1,496.3748
NaturalGas Mitigated	0.0190	0.1661	0.0970	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	187.9784	187.9784	3.6000e-003	3.4500e-003	189.0955
NaturalGas Unmitigated	0.0190	0.1661	0.0970	1.0400e-003		0.0131	0.0131		0.0131	0.0131	0.0000	187.9784	187.9784	3.6000e-003	3.4500e-003	189.0955

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse High Rise	2.22862e+006	0.0120	0.1027	0.0437	6.6000e-004		8.3000e-003	8.3000e-003		8.3000e-003	8.3000e-003	0.0000	118.9278	118.9278	2.2800e-003	2.1800e-003	119.6345
Day-Care Center	29600	1.6000e-004	1.4500e-003	1.2200e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	1.5796	1.5796	3.0000e-005	3.0000e-005	1.5890
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	767220	4.1400e-003	0.0376	0.0316	2.3000e-004		2.8600e-003	2.8600e-003		2.8600e-003	2.8600e-003	0.0000	40.9418	40.9418	7.8000e-004	7.5000e-004	41.1851
Health Club	57800	3.1000e-004	2.8300e-003	2.3800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.0844	3.0844	6.0000e-005	6.0000e-005	3.1028
Junior College (2Yr)	254380	1.3700e-003	0.0125	0.0105	7.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.0000	13.5747	13.5747	2.6000e-004	2.5000e-004	13.6554
Library	184960	1.0000e-003	9.0700e-003	7.6200e-003	5.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	9.8702	9.8702	1.9000e-004	1.8000e-004	9.9288
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0190**	**0.1661**	**0.0970**	**1.0400e-003**		**0.0131**	**0.0131**		**0.0131**	**0.0131**	**0.0000**	**187.9784**	**187.9784**	**3.6000e-003**	**3.4500e-003**	**189.0955**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Condo/Townhouse High Rise	2.22862e+006	0.0120	0.1027	0.0437	6.6000e-004		8.3000e-003	8.3000e-003		8.3000e-003	8.3000e-003	0.0000	118.9278	118.9278	2.2800e-003	2.1800e-003	119.6345
Day-Care Center	29600	1.6000e-004	1.4500e-003	1.2200e-003	1.0000e-005		1.1000e-004	1.1000e-004		1.1000e-004	1.1000e-004	0.0000	1.5796	1.5796	3.0000e-005	3.0000e-005	1.5890
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
General Office Building	767220	4.1400e-003	0.0376	0.0316	2.3000e-004		2.8600e-003	2.8600e-003		2.8600e-003	2.8600e-003	0.0000	40.9418	40.9418	7.8000e-004	7.5000e-004	41.1851
Health Club	57800	3.1000e-004	2.8300e-003	2.3800e-003	2.0000e-005		2.2000e-004	2.2000e-004		2.2000e-004	2.2000e-004	0.0000	3.0844	3.0844	6.0000e-005	6.0000e-005	3.1028
Junior College (2Yr)	254380	1.3700e-003	0.0125	0.0105	7.0000e-005		9.5000e-004	9.5000e-004		9.5000e-004	9.5000e-004	0.0000	13.5747	13.5747	2.6000e-004	2.5000e-004	13.6554
Library	184960	1.0000e-003	9.0700e-003	7.6200e-003	5.0000e-005		6.9000e-004	6.9000e-004		6.9000e-004	6.9000e-004	0.0000	9.8702	9.8702	1.9000e-004	1.8000e-004	9.9288
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0190**	**0.1661**	**0.0970**	**1.0400e-003**		**0.0131**	**0.0131**		**0.0131**	**0.0131**	**0.0000**	**187.9784**	**187.9784**	**3.6000e-003**	**3.4500e-003**	**189.0955**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	1.27938e+006	581.2267	0.0168	3.4800e-003	582.6851
Day-Care Center	26200	11.9028	3.4000e-004	7.0000e-005	11.9326
Enclosed Parking Structure	285768	129.8257	3.7600e-003	7.8000e-004	130.1514
Enclosed Parking Structure	938952	426.5701	0.0124	2.5600e-003	427.6404
General Office Building	510720	232.0224	6.7200e-003	1.3900e-003	232.6046

Health Club	41550	18.8764	5.5000e-004	1.1000e-004	18.9237
Junior College (2Yr)	62160	28.2396	8.2000e-004	1.7000e-004	28.3104
Library	132960	60.4043	1.7500e-003	3.6000e-004	60.5559
Parking Lot	7840	3.5618	1.0000e-004	2.0000e-005	3.5707
Total		**1,492.6297**	**0.0432**	**8.9400e-003**	**1,496.3748**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Condo/Townhouse High Rise	1.27938e+006	581.2267	0.0168	3.4800e-003	582.6851
Day-Care Center	26200	11.9028	3.4000e-004	7.0000e-005	11.9326
Enclosed Parking Structure	285768	129.8257	3.7600e-003	7.8000e-004	130.1514
Enclosed Parking Structure	938952	426.5701	0.0124	2.5600e-003	427.6404
General Office Building	510720	232.0224	6.7200e-003	1.3900e-003	232.6046
Health Club	41550	18.8764	5.5000e-004	1.1000e-004	18.9237
Junior College (2Yr)	62160	28.2396	8.2000e-004	1.7000e-004	28.3104
Library	132960	60.4043	1.7500e-003	3.6000e-004	60.5559
Parking Lot	7840	3.5618	1.0000e-004	2.0000e-005	3.5707
Total		**1,492.6297**	**0.0432**	**8.9400e-003**	**1,496.3748**

6.0 Area Detail

6.1 Mitigation Measures Area

No Hearths Installed

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	2.0920	0.0257	2.2315	1.2000e-004		0.0124	0.0124		0.0124	0.0124	0.0000	3.6506	3.6506	3.5200e-003	0.0000	3.7384
Unmitigated	20.9158	0.3933	25.4675	0.0422		3.2703	3.2703		3.2703	3.2703	309.8873	133.6128	443.5001	0.2895	0.0244	458.0011

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.5602					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.4644					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	18.8239	0.3676	23.2360	0.0421		3.2579	3.2579		3.2579	3.2579	309.8873	129.9622	439.8495	0.2860	0.0244	454.2626
Landscaping	0.0674	0.0257	2.2315	1.2000e-004		0.0124	0.0124		0.0124	0.0124	0.0000	3.6506	3.6506	3.5200e-003	0.0000	3.7384
Total	**20.9158**	**0.3933**	**25.4676**	**0.0422**		**3.2703**	**3.2703**		**3.2703**	**3.2703**	**309.8873**	**133.6128**	**443.5001**	**0.2895**	**0.0244**	**458.0011**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.5602					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.4644					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0674	0.0257	2.2315	1.2000e-004		0.0124	0.0124		0.0124	0.0124	0.0000	3.6506	3.6506	3.5200e-003	0.0000	3.7384
Total	**2.0919**	**0.0257**	**2.2315**	**1.2000e-004**		**0.0124**	**0.0124**		**0.0124**	**0.0124**	**0.0000**	**3.6506**	**3.6506**	**3.5200e-003**	**0.0000**	**3.7384**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	186.0031	0.9062	0.0223	215.3162
Unmitigated	186.0031	0.9062	0.0223	215.3162

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	19.5462 / 12.3226	128.9335	0.6405	0.0158	149.6459
Day-Care Center	0.214448 / 0.551437	2.7960	7.0700e-003	1.8000e-004	3.0267
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	6.75388 / 4.13948	44.1580	0.2213	5.4500e-003	51.3138
Health Club	0.295716 / 0.181245	1.9334	9.6900e-003	2.4000e-004	2.2468
Junior College (2Yr)	0.343343 / 0.537024	3.3287	0.0113	2.8000e-004	3.6952
Library	0.500623 / 0.783025	4.8535	0.0165	4.1000e-004	5.3879
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**186.0031**	**0.9063**	**0.0223**	**215.3162**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Condo/Townhouse High Rise	19.5462 / 12.3226	128.9335	0.6405	0.0158	149.6459
Day-Care Center	0.214448 / 0.551437	2.7960	7.0700e-003	1.8000e-004	3.0267
Enclosed Parking Structure	0 / 0	0.0000	0.0000	0.0000	0.0000
General Office Building	6.75388 / 4.13948	44.1580	0.2213	5.4500e-003	51.3138

Health Club	0.295716 / 0.181245	1.9334	9.6900e-003	2.4000e-004	2.2468
Junior College (2Yr)	0.343343 / 0.537024	3.3287	0.0113	2.8000e-004	3.6952
Library	0.500623 / 0.783025	4.8535	0.0165	4.1000e-004	5.3879
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**186.0031**	**0.9063**	**0.0223**	**215.3162**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	47.1284	2.7852	0.0000	116.7587
Unmitigated	47.1284	2.7852	0.0000	116.7587

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

Condo/Townhouse High Rise	138	28.0128	1.6555	0.0000	69.4004
Day-Care Center	6.5	1.3194	0.0780	0.0000	3.2689
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
General Office Building	35.34	7.1737	0.4240	0.0000	17.7725
Health Club	28.5	5.7852	0.3419	0.0000	14.3327
Junior College (2Yr)	9.1	1.8472	0.1092	0.0000	4.5764
Library	14.73	2.9901	0.1767	0.0000	7.4077
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**47.1284**	**2.7852**	**0.0000**	**116.7586**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Condo/Townhouse High Rise	138	28.0128	1.6555	0.0000	69.4004
Day-Care Center	6.5	1.3194	0.0780	0.0000	3.2689
Enclosed Parking Structure	0	0.0000	0.0000	0.0000	0.0000
General Office Building	35.34	7.1737	0.4240	0.0000	17.7725
Health Club	28.5	5.7852	0.3419	0.0000	14.3327
Junior College (2Yr)	9.1	1.8472	0.1092	0.0000	4.5764
Library	14.73	2.9901	0.1767	0.0000	7.4077
Parking Lot	0	0.0000	0.0000	0.0000	0.0000

Total		**47.1284**	**2.7852**	**0.0000**	**116.7586**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Appendix D

Acoustic Study

ACOUSTIC STUDY FOR THE KAHULUI CIVIC CENTER AND MIXED-USE COMPLEX KAHULUI, MAUI, HAWAII

Final Report Prepared for:

G70

Final Report Prepared by:

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May 2021

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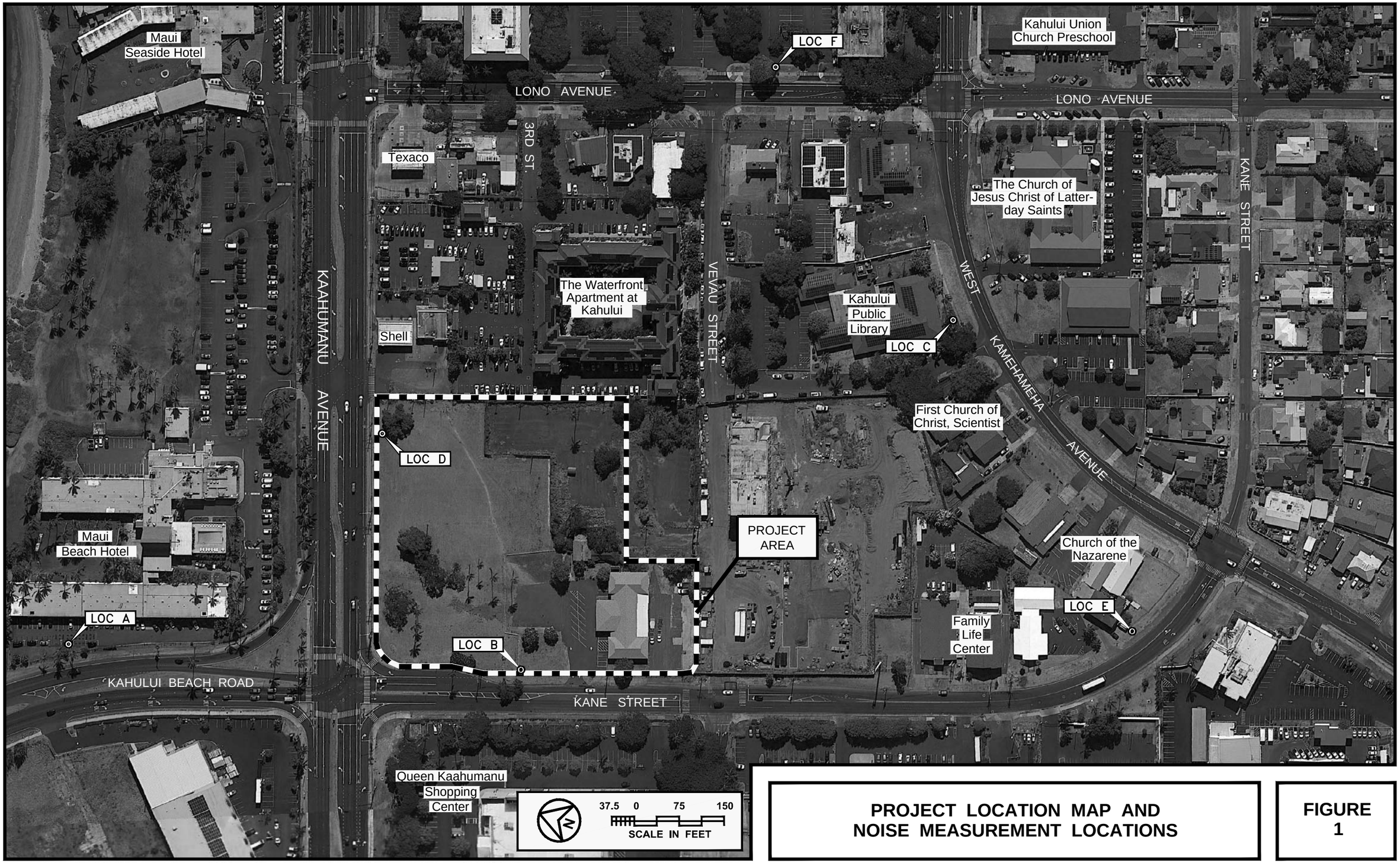
CHAPTER I. SUMMARY

The Base Year and future traffic noise levels in the vicinity of the proposed Kahului Civic Center and Mixed-Use Complex project in Kahului, Maui were evaluated for their potential impacts and their relationship to current FHA/HUD noise standards. The traffic noise level increases along the roadways in the project environs (see Figure 1) were calculated. No significant increases in traffic noise are predicted to occur as a result of project traffic following project build-out by CY 2026. A relatively large increase in Base Year traffic noise levels are predicted to occur along Vevau Street primarily due to the increase in bus traffic associated with the relocation of the Transit Hub by others to a location beyond the southeast corner of the project. In addition, the increase in Base Year traffic noise levels along Vevau Street were exaggerated by the very low Base Year values.

Base Year and CY 2026 traffic noise levels in the project environs will continue to be dominated by traffic along Kahului Beach Road, Kaahumanu Avenue, and West Kamehameha Avenue. Both the Base Year and CY 2026 traffic noise levels along Kahuumanu Avenue exceed the FHA/HUD noise impact threshold at the planned location of the 300 unit multifamily building, and will probably require closure and air conditioning of the noise sensitive living units which front Kaahumanu Avenue if federal participation is involved in the multifamily building. Living units fronting Kane Street are also predicted to experience traffic noise levels above the FHA/HUD noise impact threshold in CY 2026, and require similar traffic noise mitigation measures.

Project traffic should not cause significant increases in traffic noise levels along all roadways in the project environs, and these increases will be difficult to measure or perceive. Because of the relatively small increases in future traffic noise resulting from project traffic, the project traffic should not cause adverse traffic noise impacts in the immediate vicinity of the project.

Unavoidable, but temporary, noise impacts may occur during construction of the proposed project, particularly during the excavation and site preparation activities on the project site. Because construction activities are predicted to be audible within the project site and at adjoining properties, the quality of the acoustic environment may be degraded to unacceptable levels during periods of construction. Mitigation measures to reduce construction noise to inaudible levels will not be practical in all cases, but the use of quiet equipment and compliance with the current State Department of Health noise permit and curfew procedures are recommended as a standard noise mitigation measure.



PROJECT LOCATION MAP AND NOISE MEASUREMENT LOCATIONS

FIGURE 1

CHAPTER II. PURPOSE

The primary objective of this study was to describe the Base Year and future traffic noise environment in the environs of the proposed Kahului Civic Center and Mixed-Use Complex project in Kahului on the island of Maui. Traffic forecasts for 2026 were used. Traffic noise level increases and impacts associated with the proposed project were to be determined along the public roadways which are expected to service the project traffic. A specific objective was to determine future traffic noise level increases associated with both project and non-project traffic, and the potential noise impacts associated with these increases.

Impacts from short term construction noise at the project site were also included as noise study objectives. Recommendations for minimizing potential construction noise impacts were also to be provided as required.

CHAPTER III. NOISE DESCRIPTORS AND THEIR RELATIONSHIP TO LAND USE COMPATIBILITY

The noise descriptor currently used by federal agencies (such as FHA/HUD) to assess environmental noise is the Day-Night Average Sound Level (Ldn or DNL). This descriptor incorporates a 24-hour average of instantaneous A-Weighted Sound Levels as read on a standard Sound Level Meter. By definition, the minimum averaging period for the DNL descriptor is 24 hours. Additionally, sound levels which occur during the nighttime hours of 10:00 PM to 7:00 AM are increased by 10 decibels (dB) prior to computing the 24-hour average by the DNL descriptor. A more complete list of noise descriptors is provided in Appendix B to this report.

Table 1, derived from Reference 1, presents current federal noise standards and acceptability criteria for residential land uses. Land use compatibility guidelines for various levels of environmental noise as measured by the DNL descriptor system are shown in Figure 2. As a general rule, noise levels of 55 DNL or less occur in rural areas, or in areas which are removed from high volume roadways. In urbanized areas which are shielded from high volume streets, DNL levels generally range from 55 to 65 DNL, and are usually controlled by motor vehicle traffic noise. Residences which front major roadways are generally exposed to levels of 65 DNL, and as high as 75 DNL when the roadway is a high speed freeway. In the project area, traffic noise levels associated with Kaahumanu Avenue, Kahului Beach Road, and West Kamehameha Avenue are typically greater than 65 DNL along their Rights-of-Way due to the higher volumes of traffic on those roadways.

For purposes of determining noise acceptability for funding assistance from federal agencies (FHA/HUD and VA), an exterior noise level of 65 DNL or less is considered acceptable for residences or other noise sensitive land uses. This standard is applied nationally (Reference 2), including Hawaii. Because of our open-living conditions, the predominant use of naturally ventilated dwellings, and the relatively low exterior-to-interior sound attenuation afforded by these naturally ventilated structures, an exterior noise level of 65 DNL does not eliminate all risks of noise impacts. Because of these factors, and as recommended in Reference 3, a lower level of 55 DNL is considered as the "Unconditionally Acceptable" (or "Near-Zero Risk") level of exterior noise. However, after considering the cost and feasibility of applying the lower level of 55 DNL, government agencies such as FHA/HUD and VA have selected 65 DNL as a more appropriate regulatory standard.

For commercial, industrial, and other non-noise sensitive land uses, exterior noise levels as high as 75 DNL are generally considered acceptable. Exceptions to this occur when naturally ventilated office and other commercial establishments are exposed to exterior levels which exceed 65 DNL.

On the island of Maui, the State Department of Health (DOH) regulates noise from construction activities, through the issuance of permits for allowing excessive

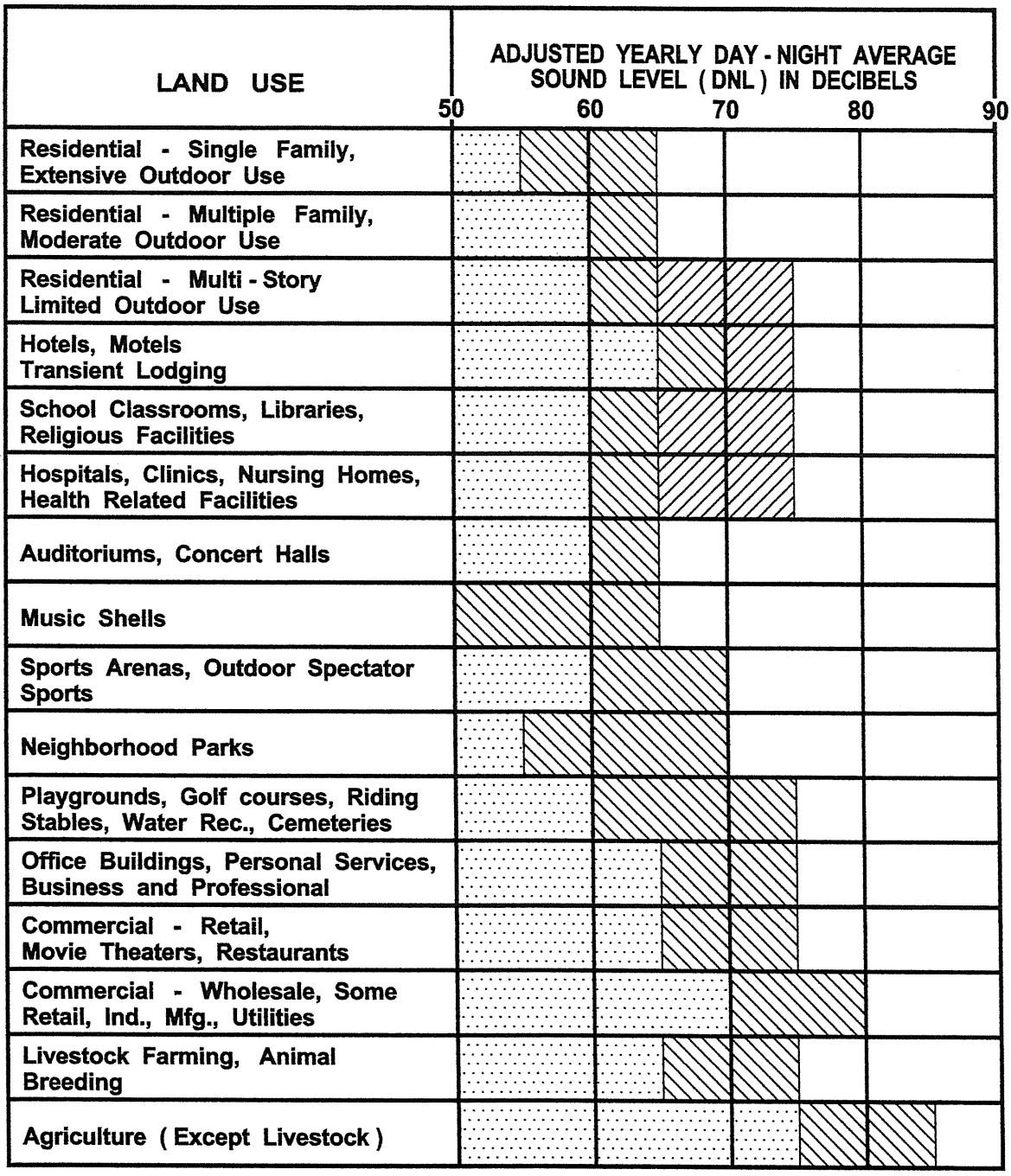
TABLE 1

EXTERIOR NOISE EXPOSURE CLASSIFICATION (RESIDENTIAL LAND USE)

NOISE EXPOSURE CLASS	DAY–NIGHT SOUND LEVEL	EQUIVALENT SOUND LEVEL	FEDERAL (1) STANDARD
Minimal Exposure	Not Exceeding 55 DNL	Not Exceeding 55 Leq	Unconditionally Acceptable
Moderate Exposure	Above 55 DNL But Not Above 65 DNL	Above 55 Leq But Not Above 65 Leq	Acceptable(2)
Significant Exposure	Above 65 DNL But Not Above 75 DNL	Above 65 Leq But Not Above 75 Leq	Normally Unacceptable
Severe Exposure	Above 75 DNL	Above 75 Leq	Unacceptable

Notes: (1) Federal Housing Administration, Veterans Administration, Department of Defense, and Department of Transportation.

(2) FHWA uses the Leq instead of the Ldn descriptor. For planning purposes, both are equivalent if: (a) heavy trucks do not exceed 10 percent of total traffic flow in vehicles per 24 hours, and (b) traffic between 10:00 PM and 7:00 AM does not exceed 15 percent of average daily traffic flow in vehicles per 24 hours. The noise mitigation threshold used by FHWA for residences is 67 Leq.



LAND USE COMPATIBILITY WITH YEARLY AVERAGE DAY - NIGHT AVERAGE SOUND LEVEL (DNL) AT A SITE FOR BUILDINGS AS COMMONLY CONSTRUCTED.
(Source: American National Standards Institute S12.9 - 1988/Part 5)

FIGURE 2

noise during limited time periods. State DOH noise regulations are expressed in maximum allowable property line noise limits rather than DNL (see Reference 4). Although they are not directly comparable to noise criteria expressed in DNL, State DOH noise limits for residential, commercial, and industrial lands equate to approximately 55, 60, and 76 DNL, respectively.

It should be noted that the noise compatibility guidelines and relationships to the DNL noise descriptor may not be applicable to impulsive noise sources such as pile drivers. The use of penalty factors (such as adding 10 dB to measured sound levels or the use of C-Weighting filters) have been proposed. However, the relationships between levels of impulsive noise sources and land use compatibility have not been as firmly established as have the relationships for non-impulsive sources.

CHAPTER IV. GENERAL STUDY METHODOLOGY

For this project, CY 2017 was used as the study's Base Year instead of CY 2020 as used within the project's traffic study (Reference 5). CY 2017 was used as the Base Year for this noise study because actual traffic counts at multiple intersections were available within the study environs during that year, while no area wide traffic counts were available for other years prior to the COVID-19 crisis or during CY 2020.

Traffic noise measurements were obtained at 6 locations in March 2021 following the start of recovery from the COVID-19 crisis in early 2021. Spot counts of traffic volumes at these 6 noise measurement locations were also obtained to validate the traffic noise model used to calculate Base Year and future traffic noise levels. Hawaii State Department of Transportation, Highways Division (HDOT) traffic counts along Kaahumanu Avenue (References 7 to 9) during CY 2019 and 2020 were also examined to evaluate the differences among the 2017, 2019, 2020, and 2021 traffic counts which were available.

Table 2 presents the traffic data that were evaluated prior to selecting use of the CY 2017 counts from Reference 5 for the Base Year. Because the CY 2017 traffic counts are the only complete set of counts at the study intersections, and because the March 2021 spot traffic counts suggested that full recovery of traffic volumes to pre-COVID-19 values has not yet occurred, the CY 2017 traffic counts contained in Appendix A of Reference 5 were used to model traffic noise levels during the Base Year.

CY 2021 noise levels were measured at 6 locations (A through F) in the project environs to provide a basis for developing the traffic noise modeling parameters (average vehicle speed and mix, and propagation loss factor) along the roadways which will service the proposed project. The locations of the traffic noise measurement sites are shown in Figure 1. Traffic noise measurements were performed on March 8 and 9, 2021.

The results of the traffic noise measurements were compared with calculations of traffic noise levels based on observed traffic volumes and mixes using the Federal Highway Administration (FHWA) Traffic Noise Model (TNM), Version 2.5 (Reference 6). The traffic noise measurement results, and their comparisons with computer model predictions of the noise levels associated with those observed traffic conditions are summarized in Table 3. Traffic data entered into the noise prediction model were: roadway and receiver locations; hourly traffic volumes, average vehicle speeds; estimates of traffic mix; and "Loose Soil" propagation loss factor. The traffic data and forecasts for the project (Reference 5), plus the spot traffic counts obtained during the noise measurement periods were the primary sources of data inputs to the model. Appendix C summarizes the AM and PM peak hour traffic volumes for CY 2017 and 2026, which were obtained from Reference 5 and which were used to form the basis for modeling Base Year and future traffic noise along the streets in the project environs.

TABLE 2
COMPARISONS OF 2017, 2020, AND 2021 TRAFFIC VOLUMES

ROADWAY LANES	REFERENCE 5 **** CY 2017 *** AM PEAK	HDOT COUNTS **** CY 2019*** AM PEAK	REFERENCE 5 **** CY 2020 *** AM PEAK	HDOT COUNTS **** CY 2020*** AM PEAK	------- 3/8-9/21 COUNTS ------- ********** CY 2021********** AM PEAK	PERIOD
Kaahumanu Ave. Between Kane & Lono (EB)	1,617	1,613	1,680	1,510	1,438	
Kaahumanu Ave. Between Kane & Lono (WB)	1,923	1,663	2,000	1,329	1,330	
	3,540	3,276	3,680	2,839	2,768	7:00 to 8:00 AM
W. Kamehameha Ave. Between Kane & Lono (EB)	214		440		316	
W. Kamehameha Ave. Between Kane & Lono (WB)	123		250		327	
Two-Way	337		690		643	10:14 to 11:14 AM
Kahului Beach Rd. N. of Kaahumanu (NB)	975		1,030		867	
Kahului Beach Rd. N. of Kaahumanu (SB)	1,169		1,230		1,141	
Two-Way	2,144		2,260		2,008	7:15 to 8:15 AM
Kane St. Between Kaahumanu & Vevau (NB)	149		185		122	
Kane St. Between Kaahumanu & Vevau (SB)	220		230		167	
Two-Way	368		415		289	8:35 to 9:35 AM
Kane St. Between Vevau & W. Kamehmeha (NB)	285		220		172	
Kane St. Between Vevau & W. Kamehmeha (SB)	216		235		177	
Two-Way	501		455		349	8:08 to 9:08 AM
Lono Ave. Between Vevau & W. Kamehmeha (NB)	293		330		150	
Lono Ave. Between Vevau & W. Kamehmeha (SB)	239		270		183	
Two-Way	532		600		333	9:20 to 10:20 AM
	PM PEAK		PM PEAK		PM PEAK	
Lono Ave. Between Vevau & W. Kamehmeha (NB)	231		265		158	
Lono Ave. Between Vevau & W. Kamehmeha (SB)	346		380		184	
Two-Way	577		645		342	2:03 to 3:03 PM

TABLE 3

TRAFFIC AND BACKGROUND NOISE MEASUREMENT RESULTS

LOCATION	Time of Day (HRS)	Ave. Speed (MPH)	Hourly Traffic Volume AUTO	M.TRUCK	H.TRUCK	Measured Leq (dB)	Predicted Leq (dB)	
A. 80 FT from the centerline of Kahului Beach Road (3/8/21)	0715 TO 0815	30 (SB) 45 (NB)	1,911	46	51	70.6	70.6	
B. 50 FT from the centerline of Kane Street (3/8/21)	0835 TO 0935	30	273	9	7	63.1	61.4	*
C. 50 FT from the centerline of West Kamehameha Avenue (3/8/21)	1014 TO 1114	40	616	13	14	63.7	63.7	
D. 75 FT from the centerline of Kaahumanu Avenue (3/9/21)	0700 TO 0800	40	2,678	37	53	71.0	71.0	
E. 50 FT from the centerline of Kane Street (3/9/21)	0808 TO 0908	30	337	6	6	62.3	60.8	*
F. 50 FT from the centerline of Lono Avenue (3/9/21)	0920 TO 1020	30	327	2	4	60.0	57.2	*

Notes:

*Background noise levels of 55 to 58 dBA caused higher measured than predicted traffic noise levels at Locations B, E, and F.

HDOT hourly traffic counts and vehicle classifications along Kaahumanu Avenue at the Kane Street/Kahului Beach Road intersection (References 7 to 9)) were used to develop the relationship between the 24-hour DNL and PM peak hour Leq traffic noise levels. Figures 3 through 5 depict the calculations of hourly traffic noise levels from the HDOT traffic counts from 2019 and 2020 assuming the HDOT traffic mix in 2019 (Reference 8) remained the same and that average vehicular speeds did not change. These figures are useful for determining the influence of total hourly traffic volumes during the pre-COVID and COVID periods on hourly traffic noise levels. It was concluded from these figures that midday through PM peak hour traffic noise levels were probably less affected during 2020 than were the traffic noise levels following the PM peak hour and through the AM peak hour. However because of storm conditions on Maui during the traffic noise measurements on March 8-9, 2021, traffic noise measurements during the afternoon period were not possible due to rain. For Base Year and future traffic, it was assumed that the average noise levels, or Leq(h), during the PM peak traffic hour was the better estimator of the 24-hour DNL along the roadways in the project environs for the pre- and post-COVID periods. Using Figure 3, the PM peak hour Leq was assumed to be 0.3 dB less than the 24-hour DNL along all streets in the project environs. This assumption was based on computations of both the hourly Leq and the calculated 24-hour DNL of traffic noise along Kaahumanu Avenue (see Figure 3) for December 5, 2019.

The traffic noise measurements obtained in March 2021 were used to validate the traffic noise model for the observed traffic volumes, mixes, and speeds. The average vehicle speeds and traffic mixes shown in Table 3, as well as the Base Year and CY 2026 PM traffic volumes were used to model the Base Year and future traffic noise levels in the project environs. The average speed and traffic mix assumptions were derived from the morning traffic noise measurements were assumed to apply to the PM peak hour.

Traffic noise calculations for both the Base Year and future conditions in the project environs were developed for ground level receptors without the benefit of shielding from buildings. Traffic noise levels were also calculated for future conditions with and without the proposed project. The forecasted changes in traffic noise levels over Base Year levels were calculated with and without the project, and noise impact risks evaluated. The relative contributions of non-project and project traffic to the total noise levels were also calculated, and an evaluation of possible traffic noise impacts was made.

Calculations of average exterior and interior noise levels from construction activities were performed for typical naturally ventilated and air conditioned buildings. Predicted noise levels were compared with Base Year background ambient noise levels, and the potential for noise impacts was assessed.

FIGURE 3
HOURLY TRAFFIC NOISE LEVELS VS. TIME OF DAY
STA. B74003200210, KAAHUMANU AVE. AT KAHULUI BEACH RD./KANE ST.; 12/5/19

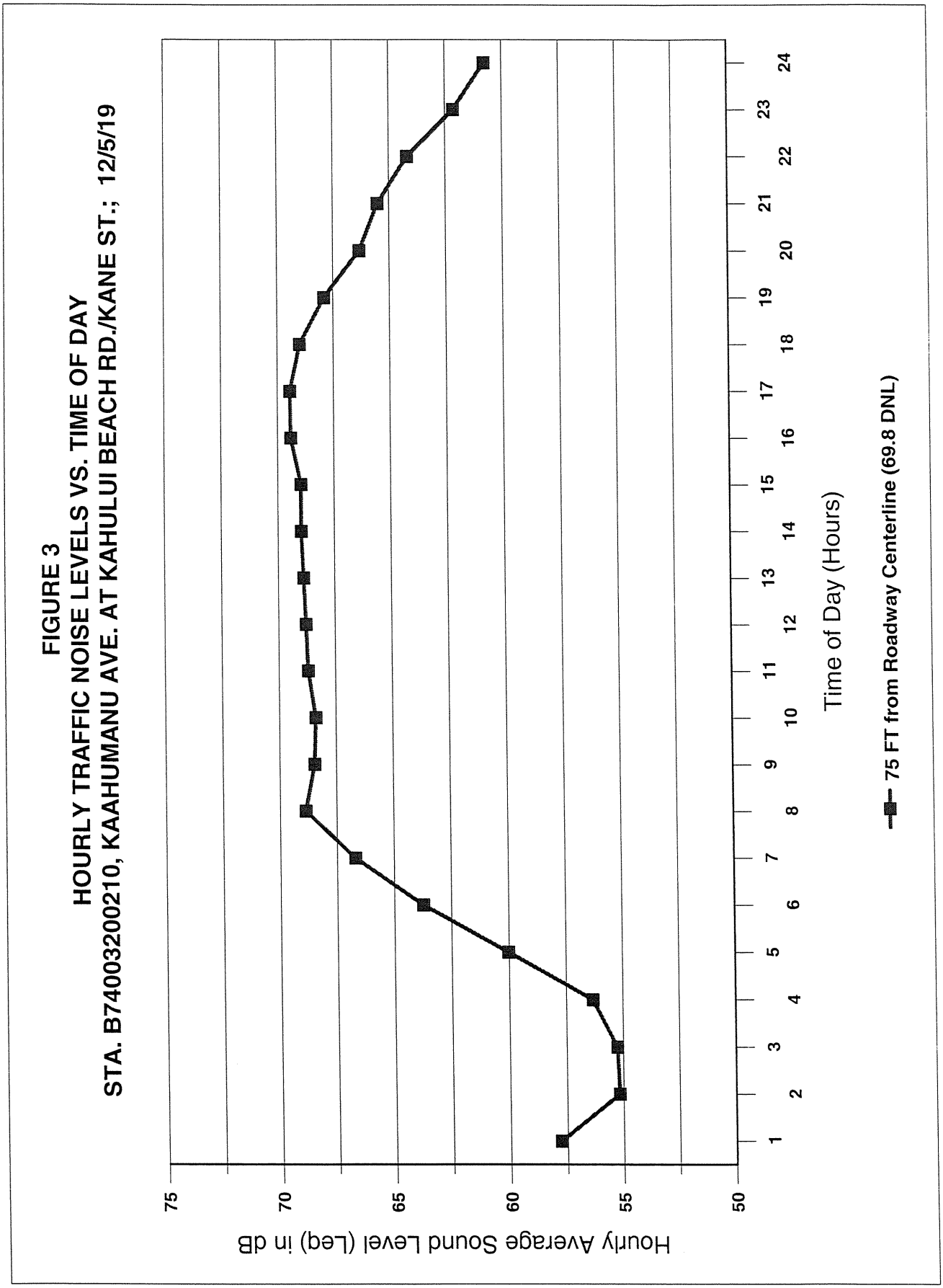
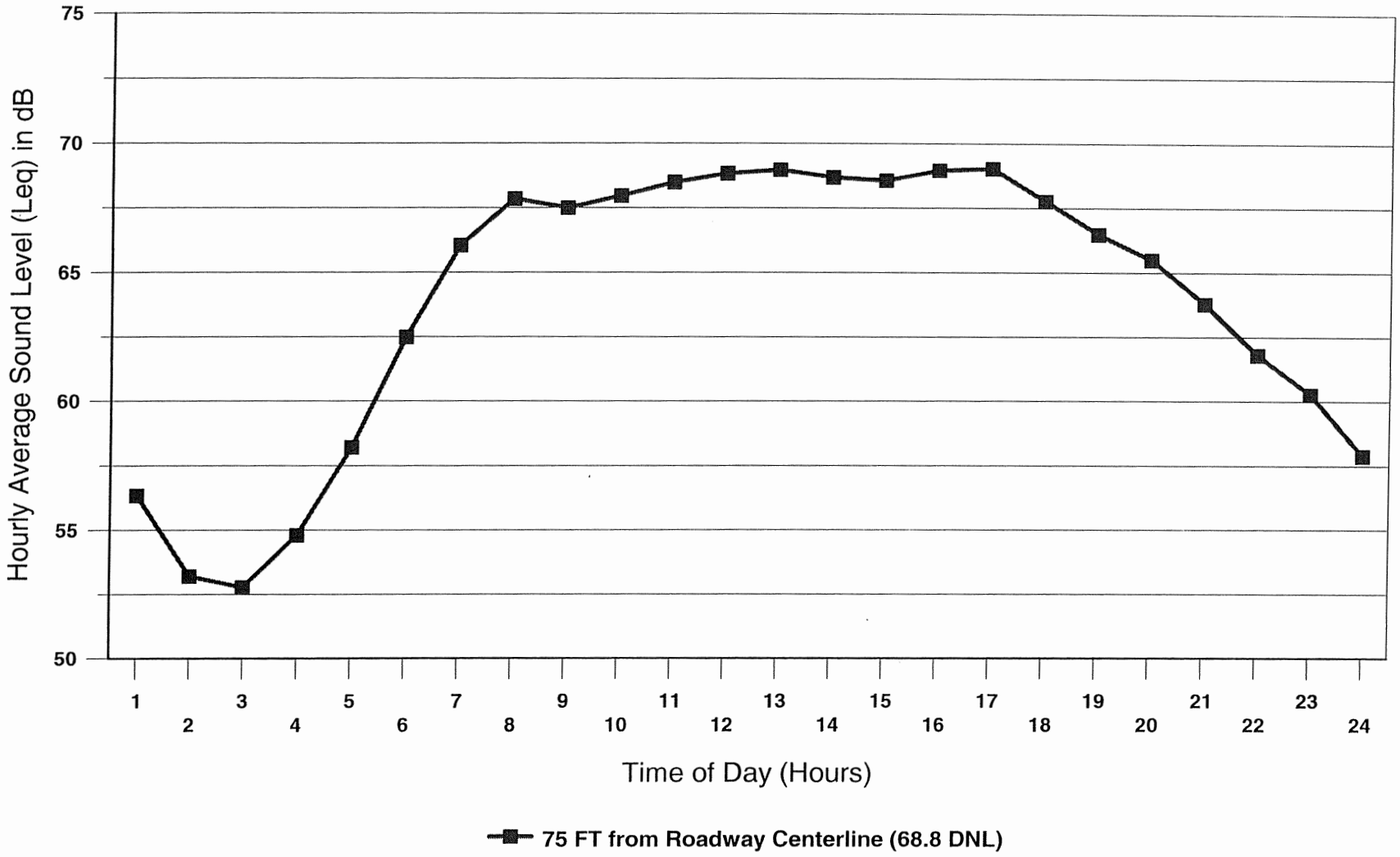


FIGURE 4
HOURLY TRAFFIC NOISE LEVELS VS. TIME OF DAY
STA. B74003200210, KAAHUMANU AVE. AT KAHULUI BEACH RD./KANE ST.; 6/4/20



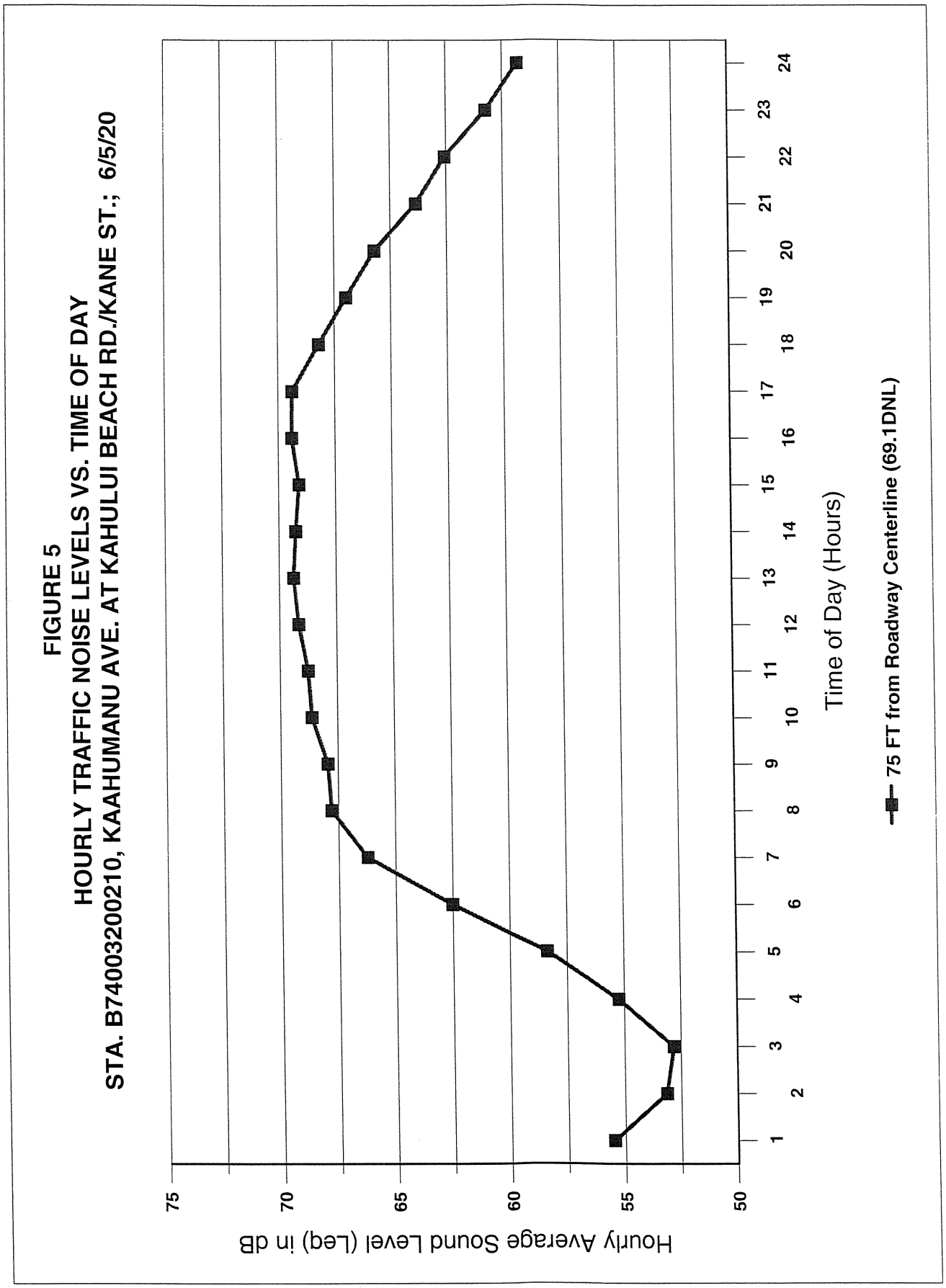


FIGURE 5
HOURLY TRAFFIC NOISE LEVELS VS. TIME OF DAY
STA. B7400320021O, KAAHUMANU AVE. AT KAHULUI BEACH RD./KANE ST.; 6/5/20
Hourly Average Sound Level (Leq) in dB
75
70
65
60
55
50
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
Time of Day (Hours)
75 FT from Roadway Centerline (69.1DNL)

V. BASE YEAR ACOUSTICAL ENVIRONMENT

The Base Year background ambient noise levels within the project area were controlled by traffic along Kaahumanu Avenue, Kahului Beach Road, Kane Street, and West Kamehameha Avenue. Existing traffic noise level measurements in the immediate vicinity of the project site were obtained at Location A along Kahului Beach Road, Locations B and E along Kane Street, Location C along West Kamehameha Avenue, Location D along Kaahumanu Avenue, and Location F along Lono Avenue. These measurement locations are shown in Figure 1.

The results of the traffic and background ambient noise measurements are summarized in Table 3. Measured traffic noise levels were higher than TNM predictions along Kaahumanu Avenue and Kahului Beach Road, so the "Predicted Leq (dB)" values shown in Table 3 were scaled upward to equal the "Measured Leq (dB)" values. These scale factors were used during calculations of Base Year and future traffic noise levels. Along other streets such as Kane Street and Lono Avenue, other background noise raised the measured total noise levels above the predicted traffic noise components. The FHWA Traffic Noise Model's "Loose Soil" propagation loss factor was used.

Appendix C contains the Base Year traffic volumes on the roadways in the project environs during CY 2017, which were obtained from Appendix A of Reference 5. These CY 2017 traffic counts were the only counts available for use as Base Year data, due to the distortions created by the COVID-19 crisis between March 2020 and March 2021. Calculations of Base Year traffic noise levels during the PM peak traffic hour using the traffic volumes contained in Appendix C are presented in Table 4. The hourly Leq (or Equivalent Sound Level) contribution from each roadway section in the project environs was calculated for later comparison with forecasted traffic noise levels with and without the project. The Base Year setback distances from the roadways' centerlines to their associated 65, 70, and 75 DNL contours were also calculated as shown in Table 5. The contour line setback distances do not take into account noise shielding effects from existing buildings or the additive contributions of traffic noise from intersecting street sections. Based on the results of Table 5, it was concluded that the Base Year 65 DNL traffic noise contours over the project site were located at approximately 170 feet from the centerline of Kaahumanu Avenue, 40 feet from the centerline of Kane Street, and 16 feet from the centerline of Vevau Street. Traffic noise from Kaahumanu Street was the dominant noise source at the project site during the Base Year.

Within the project environs, the 65 DNL traffic noise contour extended into west wing of the Maui Beach Hotel fronting Kahului Beach Road, and the south end of the east wing of Maui Seaside Hotel fronting Kaahumanu Avenue. Churches and residences along Kane Street on both sides of West Kamehameha Avenue were not enclosed by the Base Year 65 DNL contour. Churches, residences, a church pre-school, and the Kahului Library located along West Kamehameha Avenue were not

TABLE 4

BASE YEAR (CY 2017) TRAFFIC VOLUMES AND NOISE LEVELS ALONG ROADWAYS IN PROJECT AREA (PM PEAK HOUR)

LOCATION	SPEED (MPH)	TOTAL VPH	********* VOLUMES (VPH) ********** AUTOS	M TRUCKS	H TRUCKS	50' Leq	75' Leq	100' Leq
Kaahumanu Ave. W. of Kane	50	1,919	1,858	25	36	75.4	72.0	69.3
Kaahumanu Ave. Between Kane & Lono	40	3,656	3,539	48	69	75.5	72.1	69.5
Kaahumanu Ave. E. of Lono	40	3,587	3,472	47	68	75.4	72.0	69.4
Vevau St. Between Kane & Lono	25	260	258	1	1	55.3	51.9	50.1
W. Kamehameha Ave. S. of Kane	40	988	946	20	22	65.7	62.3	59.6
W. Kamehameha Ave. Between Kane & Lono	40	866	830	17	19	65.0	61.7	59.6
W. Kamehameha Ave. E. of Lono	40	579	554	12	13	63.8	60.4	57.7
Kahului Beach Rd. (East Side) N. of Kaahumanu	30S / 45N	2,234	2,127	51	56	75.1	72.0	69.2
Kahului Beach Rd. (West Side) N. of Kaahumanu	30S / 45N	2,234	2,127	51	56	73.0	70.0	67.7
Kane St. (West Side) Between Kaahumanu & Vevau	30	500	478	12	10	63.6	60.1	57.9
Kane St. (East Side) Between Kaahumanu & Vevau	30	500	478	12	10	62.9	59.6	57.3
Kane St. (West Side) Between Vevau & W. Kamehameha	30	579	553	14	12	65.0	61.6	59.4
Kane St. (East Side) Between Vevau & W. Kamehameha	30	579	553	14	12	64.4	61.1	58.8
Kane St. E. of W. Kamehameha	30	76	72	2	2	56.4	53.1	51.3
Lono Ave. Between Kaahumanu & Vevau	30	442	434	3	5	58.8	55.3	52.8
Lono Ave. Between Vevau & W. Kamehameha	30	577	567	3	7	59.9	56.4	54.0
Lono Ave. S. of W. Kamehameha	40	379	372	2	5	61.7	57.8	55.2

TABLE 5

BASE YEAR AND CY 2026 DISTANCES TO 65, 70, AND 75 DNL CONTOURS

STREET SECTION	65 DNL SETBACK (FT)		70 DNL SETBACK (FT)		75 DNL SETBACK (FT)	
	BASE YR.	CY 2026	BASE YR.	CY 2026	BASE YR.	CY 2026
Kaahumanu Ave. W. of Kane	163	180	96	105	54	61
Kaahumanu Ave. Between Kane & Lono	170	178	98	104	55	60
Kaahumanu Ave. E. of Lono	168	174	97	102	54	58
Vevau St. Between Kane & Lono	16	31	< 12	16	< 12	< 12
W. Kamehameha Ave. S. of Kane	56	65	31	36	17	20
W. Kamehameha Ave. Between Kane & Lono	52	59	28	33	15	18
W. Kamehameha Ave. E. of Lono	45	70	25	38	14	21
Kahului Beach Rd. (East Side) N. of Kaahumanu	159	174	95	104	53	59
Kahului Beach Rd. (West Side) N. of Kaahumanu	146	163	78	87	40	45
Kane St. (West Side) Between Kaahumanu & Vevau	44	56	25	31	14	17
Kane St. (East Side) Between Kaahumanu & Vevau	40	51	22	28	12	15
Kane St. (West Side) Between Vevau & W. Kamehameha	52	62	29	34	16	19
Kane St. (East Side) Between Vevau & W. Kamehameha	48	58	26	31	14	17
Kane St. E. of W. Kamehameha	18	25	10	14	< 12	< 12
Lono Ave. Between Kaahumanu & Vevau	25	30	14	17	< 12	< 12
Lono Ave. Between Vevau & W. Kamehameha	29	33	16	19	< 12	< 12
Lono Ave. S. of W. Kamehameha	37	40	22	24	13	14

Notes:

(1) All setback distances are from the roadways' centerlines.
(2) See Tables 4 and 6 for traffic volume, speed, and mix assumptions.
(3) Setback distances are for ground level receptors.
(4) "Loose Soil" conditions assumed along all roadways.

enclosed by the Base Year 65 DNL contour. The new multifamily apartment complex on Vevau Street was not enclosed by the Base Year 65 DNL contour along Vevau Street.

CHAPTER VI. FUTURE NOISE ENVIRONMENT

Predictions of future traffic noise levels were made using the traffic volume assignments of Reference 5 for CY 2026 with and without the proposed project. The future projections of project plus non-project traffic noise levels on the roadways which would service the project are shown in Table 6 for the PM peak hour of traffic, under the Build Alternative. The changes in setback distances to the 65, 70, and 75 DNL contours along the streets in the project environs are shown in Table 5. Table 7 presents the predicted changes in traffic noise levels along the various roadway sections resulting from non-project and project traffic. The largest increase (approximately 6.1 DNL) in future traffic noise levels are expected to occur along Vevau Street, and primarily due to Maui Bus traffic to and from the relocated Transit Hub beyond the southeast corner of the project site. The next largest increase (approximately 3.7 DNL) is expected to occur along West Kamehameha Avenue east of Lono Avenue, and primarily due to non-project traffic. The increases in future traffic noise along the other street sections are expected to range between 0.6 to 2.5 DNL units.

The dominant traffic noise sources in the project area will continue to be traffic noise from Kahului Beach Road, Kaahumanu Avenue, and West Kamehameha Avenue. but the changes in traffic noise levels along Kahului Beach Road and Kaahumanu Avenue following project build-out are not expected to exceed 1 DNL unit. Increases in traffic noise levels resulting from project traffic are not expected to exceed 0.4 DNL along the roadways in the project area, which will be difficult to measure or perceive (see Table 7). Increases in traffic noise levels resulting from non-project traffic are predicted to range from 0.5 to 5.8 DNL, with the larger increases occurring on Vevau Street due to Maui Bus traffic, along West Kamehameha Avenue east of Lona Avenue, and on Kane Street east of West Kamehameha Avenue.

By CY 2026, on the project site, the unobstructed 65 DNL contour is predicted to extend 178 feet from the centerline of Kaahumanu Avenue, 51 feet from the centerline of Kane Street and 31 feet from the centerline of Vevau Street. Within the project environs, the 65 DNL traffic noise contour will continue to extend into the west wing of the Maui Beach Hotel fronting Kahului Beach Road, and into the south end of the east wing of Maui Seaside Hotel fronting Kaahumanu Avenue. Along Kane Street north of West Kamehameha Avenue, the 65 DNL contour is predicted to reach the Family of Life and Church of the Nazarene buildings. East of West Kamehameha Avenue, the 65 DNL contour along Kane Street is not predicted to extend to existing residences along Kane Street. Noise sensitive churches, residences, and the Kahului Library along West Kamehameha Avenue between Kane Street and Lono Avenue should be clear of the 65 DNL contour. The 65 DNL contour along West Kamehameha Avenue east of Lono Avenue is predicted to reach the north ends of the Kahului Union Church Preschool's buildings The new multifamily apartment complex on Vevau Street should remain outside the DNL contour along Vevau Street.

TABLE 6

FUTURE (CY 2026) TRAFFIC VOLUMES AND NOISE LEVELS ALONG ROADWAYS IN PROJECT AREA (PM PEAK HOUR, BUILD)

LOCATION	SPEED (MPH)	TOTAL VPH	********* VOLUMES (VPH) ********** AUTOS	M TRUCKS	H TRUCKS	50' Leq	75' Leq	100' Leq
Kaahumanu Ave. W. of Kane	50	2,365	2,289	31	45	76.4	72.9	70.2
Kaahumanu Ave. Between Kane & Lono	40	4,283	4,146	56	81	76.2	72.8	70.1
Kaahumanu Ave. E. of Lono	40	4,070	3,940	53	77	76.0	72.6	69.9
Vevau St. Between Kane & Lono	25	450	430	2	18	61.1	58.0	56.3
W. Kamehameha Ave. S. of Kane	40	1,318	1,263	26	29	66.9	63.5	60.9
W. Kamehameha Ave. Between Kane & Lono	40	1,102	1,056	22	24	66.1	62.7	60.7
W. Kamehameha Ave. E. of Lono	40	1,378	1,320	28	30	67.5	64.1	61.4
Kahului Beach Rd. (East Side) N. of Kaahumanu	30S / 45N	2,761	2,628	64	69	76.0	72.9	70.1
Kahului Beach Rd. (South Side) N. of Kaahumanu	30S / 45N	2761	2628	64	69	73.9	70.9	68.6
Kane St. (West Side) Between Kaahumanu & Vevau	30	803	768	19	16	65.6	62.2	59.9
Kane St. (East Side) Between Kaahumanu & Vevau	30	803	768	19	16	64.9	61.6	59.4
Kane St. (West Side) Between Vevau & W. Kamehameha	30	817	780	20	17	66.5	63.1	60.8
Kane St. (East Side) Between Vevau & W. Kamehameha	30	817	780	20	17	65.9	62.6	60.3
Kane St. E. of W. Kamehameha	30	176	168	4	4	59.0	55.6	53.9
Lono Ave. Between Kaahumanu & Vevau	30	617	606	4	7	60.2	56.7	54.2
Lono Ave. Between Vevau & W. Kamehameha	30	782	768	5	9	61.2	57.7	55.2
Lono Ave. S. of W. Kamehameha	40	534	525	3	6	62.7	58.9	56.3

TABLE 7

CALCULATIONS OF PROJECT AND NON-PROJECT TRAFFIC NOISE CONTRIBUTIONS (CY 2026) (PEAK HOUR LEQ OR DNL)

STREET SECTION	NOISE LEVEL INCREASE DUE TO: NON-PROJECT TRAFFIC	PROJECT TRAFFIC
Kaahumanu Ave. W. of Kane	0.8	0.1
Kaahumanu Ave. Between Kane & Lono	0.6	0.1
Kaahumanu Ave. E. of Lono	0.5	0.1
Vevau St. Between Kane & Lono	5.8	0.3
W. Kamehameha Ave. S. of Kane	1.0	0.2
W. Kamehameha Ave. Between Kane & Lono	1.0	0.0
W. Kamehameha Ave. E. of Lono	3.6	0.1
Kahului Beach Rd. (East Side) N. of Kaahumanu	0.9	0.0
Kahului Beach Rd. (West Side) N. of Kaahumanu	0.9	0.0
Kane St. (West Side) Between Kaahumanu & Vevau	1.7	0.4
Kane St. (East Side) Between Kaahumanu & Vevau	1.6	0.4
Kane St. (West Side) Between Vevau & W. Kamehameha	1.2	0.3
Kane St. (East Side) Between Vevau & W. Kamehameha	1.2	0.3
Kane St. E. of W. Kamehameha	2.1	0.4
Lono Ave. Between Kaahumanu & Vevau	1.3	0.1
Lono Ave. Between Vevau & W. Kamehameha	1.3	0.0
Lono Ave. S. of W. Kamehameha	1.0	0.1

The project's 300 dwelling unit building will be within the 65 DNL contours of Kaahumanu Avenue and Kane Street in CY 2026. Along the north face of the proposed 6-story building fronting Kaahumanu Avenue, future traffic noise levels are predicted to range from 71 DNL on the ground floor to 72 DNL on the sixth floor. Along the west face of the proposed 6-story building fronting Kane Street, future traffic noise levels are predicted to range from 68 DNL on the ground floor to 69 DNL on the sixth floor. On the east face of the 300 dwelling unit building, living units which are beyond 125 feet from the centerline of Kaahumanu Avenue should be clear of the 65 DNL traffic noise contour. All of the building's dwelling units whose exterior walls are blocked from Kaahumanu Avenue and Kane Street should not be exposed to traffic noise levels of 65 DNL or higher.

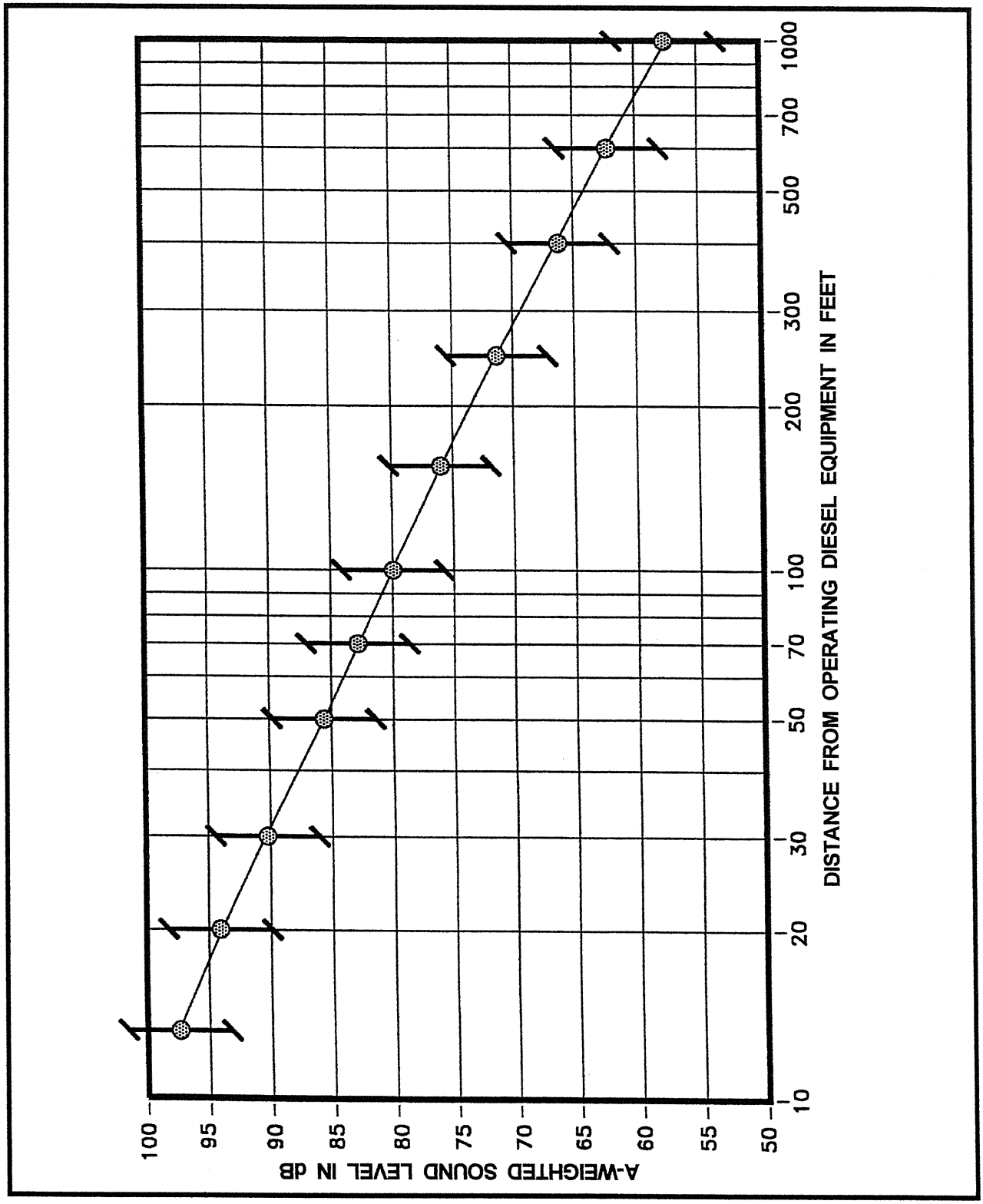
CHAPTER VII. DISCUSSION OF PROJECT RELATED NOISE IMPACTS AND POSSIBLE MITIGATION MEASURES

Traffic Noise. Traffic noise mitigation measures will be required to meet the FHA/HUD 65 DNL standard if noise sensitive uses are located within 178 feet and 51 feet of the centerlines of Kaahumanu Avenue or Kane Street, respectively. The planned 300 dwelling unit building does not appear to have adequate setback from Kaahumanu Avenue, and the use of closure and air conditioning may be required, particularly at the upper floor units facing Kaahumanu Avenue and Kane Street where the use of sound attenuation walls would not be feasible. The interior units of the 300 dwelling unit building should not require noise mitigation measures due to traffic noise.

The majority of the traffic noise impacts along the roadways which are expected to service the project are the result of non-project traffic due to the relatively small increases of 0.1 to 0.4 DNL in future traffic noise associated with project traffic. Increases in traffic noise levels resulting from non-project traffic (ranging from 0.5 to 5.8 DNL) will be much larger than those resulting from project traffic. For this reason, off site traffic noise mitigation measures are typically not required of project sponsors prior to project inception or after project construction. However, when federal participation occurs on a project, traffic noise mitigation measures may be required prior to construction, and where FHA/HUD participation is involved, the 65 DNL threshold is used within the project site irrespective of the sources or causes of the noise over the project site.

General Construction Noise. Audible construction noise will probably be unavoidable during the entire project construction period. The total time period for construction is unknown, but it is anticipated that the actual work will be moving from one location on the project site to another during that period. Actual length of exposure to construction noise at any receptor location will probably be less than the total construction period for the entire project. Typical levels of exterior noise from construction activity (excluding pile driving activity) at various distances from the job site are shown in Figure 6. The impulsive noise levels of impact pile drivers are approximately 15 dB higher than the levels shown in Figure 6, while the intermittent noise levels of vibratory pile drivers are at the upper end of the noise level ranges depicted in the figure.

Figure 6 is useful for predicting exterior noise levels at short distances (within 100 FT) from the work when visual line of sight exists between the construction equipment and the receptor. Direct line-of-sight distances from the construction equipment to the closest existing buildings will range from 50 FT to 200 FT, with corresponding average noise levels of 86 to 74 dBA (plus or minus 5 dBA). For receptors along a cross-street, the construction noise level vs. distance curve of Figure 6 should be reduced by approximately 8 dBA when the work is occurring at the intersection with the cross street, and should be reduced by 15 dBA when work is occurring at least 100 FT from the intersection (and the visual line-of-sight is blocked



ANTICIPATED RANGE OF CONSTRUCTION NOISE LEVELS VS. DISTANCE

FIGURE 6

by intervening buildings). Typical levels of construction noise inside naturally ventilated and air conditioned structures are approximately 10 and 20 dB less, respectively, than the levels shown in Figure 6.

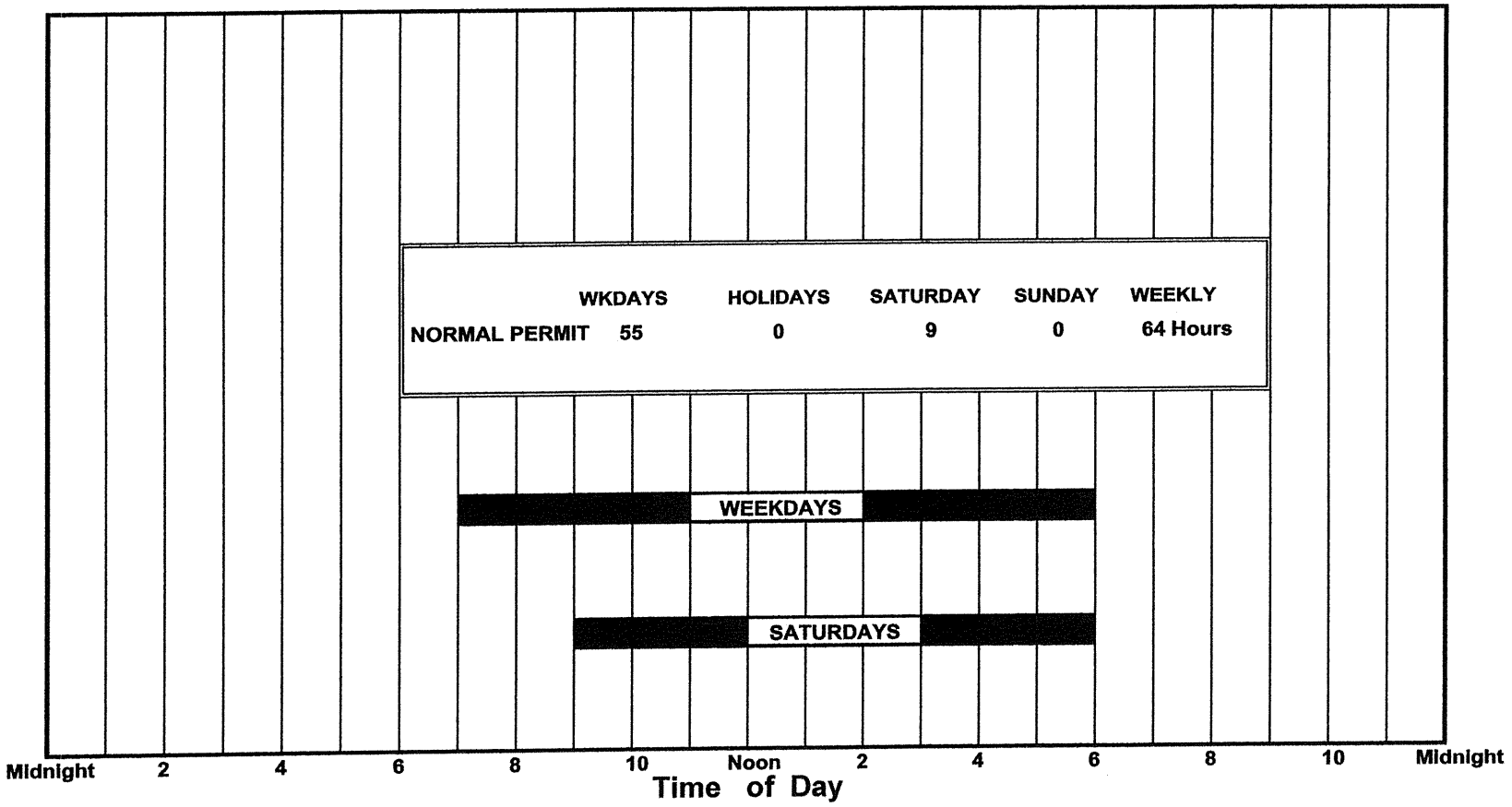
The existing Waterfront Apartment At Kahului, a 4-story multifamily building, is predicted to experience the highest noise levels during construction activities due to its close proximity to the project construction site. The highest noise levels are expected to occur during the earthwork and site preparation phase of construction. Adverse impacts from construction noise are not expected to be in the "public health and welfare" category due to the temporary nature of the work, and due to the administrative controls available for regulation of construction noise.

Mitigation of construction noise to inaudible levels will not be practical in all cases due to the intensity of construction noise sources (80 to 90+ dB at 50 FT distance), and due to the exterior nature of the work (sheet pile driving, grading and earth moving, trenching, concrete pouring, hammering, etc.). The use of properly muffled construction equipment should be required on the job site.

Peak airborne noise levels from pile diving may be as much as 15 dBA greater than the noise levels shown in Figure 6 for non-impulsive (steady) construction noise sources. Although the pile driving can produce more intense noise levels, each pulse is of short individual duration (less than one second). Therefore, its impact on speech communication is not as severe as that of steady source of the same noise level.

Severe noise impacts are not expected to occur inside air conditioned structures which are within 70 to 200 FT of the project construction site. Inside naturally ventilated structures, interior noise levels (with windows or doors opened) are estimated to range between 64 to 73 dBA at 70 FT to 200 FT distances from the construction site. Closure of all doors and windows facing the construction site would generally reduce interior noise levels by an additional 5 to 10 dBA.

The incorporation of State Department of Health construction noise permit procedures is another noise mitigation measure which is normally applied to construction activities. Figure 7 depicts the normally permitted hours of construction. Noisy construction activities are not allowed on Sundays and holidays, during the early morning, and during the late evening and nighttime periods under the DOH permit procedures.



AVAILABLE WORK HOURS UNDER DOH PERMIT PROCEDURES FOR CONSTRUCTION NOISE

FIGURE 7

APPENDIX A. REFERENCES

(1) "Guidelines for Considering Noise in Land Use Planning and Control;" Federal Interagency Committee on Urban Noise; June 1980.

(2) "Environmental Criteria and Standards, Noise Abatement and Control, 24 CFR, Part 51, Subpart B;" U.S. Department of Housing and Urban Development; March 26, 1996.

(3) "Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety;" Environmental Protection Agency (EPA 550/9-74-004); March 1974.

(4) "Title 11, Administrative Rules, Chapter 46, Community Noise Control;" Hawaii State Department of Health; September 23, 1996.

(5) "Mobility Analysis Report (MAR) for the proposed Kahului Civic Center and Mixed-Use Complex (with revised Appendix A); Fehr & Peers; January 21, 2020.

(6) "FHWA Traffic Noise Model User's Guide;" FHWA-PD-96-009, Federal Highway Administration; Washington, D.C.; January 1998 and Version 2.5 Upgrade (April 14, 2004).

(7) 24-Hour Traffic Counts, Station B74003200210, Kaahumanu Avenue At Kahului Beach Road and Kane Street; State Department of Transportation; December 5, 2019.

(8) Vehicle Classification Data Summary; Station B74003200210, Kaahumanu Avenue At Kahului Beach Road and Kane Street; State Department of Transportation; December 5, 2019.

(9) 24-Hour Traffic Counts, Station B74003200210, Kaahumanu Avenue At Kahului Beach Road and Kane Street; State Department of Transportation; June 5, 2020.

APPENDIX B

EXCERPTS FROM EPA'S ACOUSTIC TERMINOLOGY GUIDE

Descriptor Symbol Usage

The recommended symbols for the commonly used acoustic descriptors based on A-weighting are contained in Table I. As most acoustic criteria and standards used by EPA are derived from the A-weighted sound level, almost all descriptor symbol usage guidance is contained in Table I.

Since acoustic nomenclature includes weighting networks other than "A" and measurements other than pressure, an expansion of Table I was developed (Table II). The group adopted the ANSI descriptor-symbol scheme which is structured into three stages. The first stage indicates that the descriptor is a level (i.e., based upon the logarithm of a ratio), the second stage indicates the type of quantity (power, pressure, or sound exposure), and the third stage indicates the weighting network (A, B, C, D, E.....). If no weighting network is specified, "A" weighting is understood. Exceptions are the A-weighted sound level and the A-weighted peak sound level which require that the "A" be specified. For convenience in those situations in which an A-weighted descriptor is being compared to that of another weighting, the alternative column in Table II permits the inclusion of the "A". For example, a report on blast noise might wish to contrast the LCdn with the LAdn.

Although not included in the tables, it is also recommended that "Lpn" and "LepN" be used as symbols for perceived noise levels and effective perceived noise levels, respectively.

It is recommended that in their initial use within a report, such terms be written in full, rather than abbreviated. An example of preferred usage is as follows:

The A-weighted sound level (LA) was measured before and after the installation of acoustical treatment. The measured LA values were 85 and 75 dB respectively.

Descriptor Nomenclature

With regard to energy averaging over time, the term "average" should be discouraged in favor of the term "equivalent". Hence, Leq, is designated the "equivalent sound level". For Ld, Ln, and Ldn, "equivalent" need not be stated since the concept of day, night, or day-night averaging is by definition understood. Therefore, the designations are "day sound level", "night sound level", and "day-night sound level", respectively.

The peak sound level is the logarithmic ratio of peak sound pressure to a reference pressure and not the maximum root mean square pressure. While the latter is the maximum sound pressure level, it is often incorrectly labelled peak. In that sound level meters have "peak" settings, this distinction is most important.

"Background ambient" should be used in lieu of "background", "ambient", "residual", or "indigenous" to describe the level characteristics of the general background noise due to the contribution of many unidentifiable noise sources near and far.

With regard to units, it is recommended that the unit decibel (abbreviated dB) be used without modification. Hence, DBA, PNdB, and EPNdB are not to be used. Examples of this preferred usage are: the Perceived Noise Level (Lpn was found to be 75 dB. Lpn = 75 dB). This decision was based upon the recommendation of the National Bureau of Standards, and the policies of ANSI and the Acoustical Society of America, all of which disallow any modification of bel except for prefixes indicating its multiples or submultiples (e.g., deci).

Noise Impact

In discussing noise impact, it is recommended that "Level Weighted Population" (LWP) replace "Equivalent Noise Impact" (ENI). The term "Relative Change of Impact" (RCI) shall be used for comparing the relative differences in LWP between two alternatives.

Further, when appropriate, "Noise Impact Index" (NII) and "Population Weighed Loss of Hearing" (PHL) shall be used consistent with CHABA Working Group 69 Report Guidelines for Preparing Environmental Impact Statements (1977).

APPENDIX B (CONTINUED)

TABLE I

A-WEIGHTED RECOMMENDED DESCRIPTOR LIST

	TERM	SYMBOL
1.	A-Weighted Sound Level	L_A
2.	A-Weighted Sound Power Level	L_{WA}
3.	Maximum A-Weighted Sound Level	L_{max}
4.	Peak A-Weighted Sound Level	L_{Apk}
5.	Level Exceeded x% of the Time	L_x
6.	Equivalent Sound Level	L_{eq}
7.	Equivalent Sound Level Over Time (T) (1)	$L_{eq(T)}$
8.	Day Sound Level	L_d
9.	Night Sound Level	L_n
10.	Day-Night Sound Level	L_{dn}
11.	Yearly Day-Night Sound Level	$L_{dn(Y)}$
12.	Sound Exposure Level	L_{SE}

(1) Unless otherwise specified, time is in hours (e.g. the hourly equivalent level is $L_{eq(1)}$). Time may be specified in non-quantitative terms (e.g., could be speficied as $L_{eq(WASH)}$ to mean the washing cycle noise for a washing machine).

SOURCE: EPA ACCOUSTIC TERMINOLOGY GUIDE, BNA 8-14-78,

APPENDIX B (CONTINUED)

TABLE II

RECOMMENDED DESCRIPTOR LIST

	TERM	A-WEIGHTING	ALTERNATIVE[1] A-WEIGHTING	OTHER[2] WEIGHTING	UNWEIGHTED
1.	Sound (Pressure)[3] Level	L_A	L_{pA}	L_B, L_{pB}	L_p
2.	Sound Power Level	L_{WA}		L_{WB}	L_W
3.	Max. Sound Level	L_{max}	L_{Amax}	L_{Bmax}	L_{pmax}
4.	Peak Sound (Pressure) Level	L_{Apk}		L_{Bpk}	L_{pk}
5.	Level Exceeded x% of the Time	L_x	L_{Ax}	L_{Bx}	L_{px}
6.	Equivalent Sound Level	L_{eq}	L_{Aeq}	L_{Beq}	L_{peq}
7.	Equivalent Sound Level[4] Over Time(T)	$L_{eq(T)}$	$L_{Aeq(T)}$	$L_{Beq(T)}$	$L_{peq(T)}$
8.	Day Sound Level	L_d	L_{Ad}	L_{Bd}	L_{pd}
9.	Night Sound Level	L_n	L_{An}	L_{Bn}	L_{pn}
10.	Day-Night Sound Level	L_{dn}	L_{Adn}	L_{Bdn}	L_{pdn}
11.	Yearly Day-Night Sound Level	$L_{dn(Y)}$	$L_{Adn(Y)}$	$L_{Bdn(Y)}$	$L_{pdn(Y)}$
12.	Sound Exposure Level	L_S	L_{SA}	L_{SB}	L_{Sp}
13.	Energy Average Value Over (Non-Time Domain) Set of Observations	$L_{eq(e)}$	$L_{Aeq(e)}$	$L_{Beq(e)}$	$L_{peq(e)}$
14.	Level Exceeded x% of the Total Set of (Non-Time Domain) Observations	$L_{x(e)}$	$L_{Ax(e)}$	$L_{Bx(e)}$	$L_{px(e)}$
15.	Average L_x Value	L_x	L_{Ax}	L_{Bx}	L_{px}

(1) "Alternative" symbols may be used to assure clarity or consistency.

(2) Only B-weighting shown. Applies also to C,D,E,.....weighting.

(3) The term "pressure" is used only for the unweighted level.

(4) Unless otherwise specified, time is in hours (e.g., the hourly equivalent level is Leq(1). Time may be specified in non-quantitative terms (e.g., could be specified as Leq(WASH) to mean the washing cycle noise for a washing machine.

APPENDIX C

SUMMARY OF BASE YEAR (2017) AND YEAR 2026 TRAFFIC VOLUMES DURING AM AND PM PEAK HOURS

ROADWAY LANES	****** CY 2017*** AM	PM	*** CY 2026 (NO BUILD) ** AM	PM	*** CY 2026 (BUILD) *** AM	PM
Kaahumanu Ave. W. of Kane (EB)	746	1,015	850	1,320	868	1,346
Kaahumanu Ave. W. of Kane (WB)	1,177	904	1,320	990	1,339	1,019
Two-Way	1,923	1,919	2,170	2,310	2,207	2,365
Kaahumanu Ave. Between Kane & Lono (EB)	1,617	1,817	1,805	2,115	1,823	2,142
Kaahumanu Ave. Between Kane & Lono (WB)	1,923	1,839	2,150	2,120	2,165	2,141
Two-Way	3,540	3,656	3,955	4,235	3,988	4,283
Kaahumanu Ave. E. of Lono (EB)	1,510	1,721	1,690	1,920	1,716	1,959
Kaahumanu Ave. E. of Lono (WB)	1,758	1,866	1,960	2,080	1,982	2,111
Two-Way	3,268	3,587	3,650	4,000	3,698	4,070
Vevau St. Between Kane & Lono (EB)	64	166	110	240	128	265
Vevau St. Between Kane & Lono (WB)	56	94	105	145	132	185
Two-Way	120	260	215	385	259	450
W. Kamehameha Ave. S. of Kane (NB)	488	410	650	540	665	561
W. Kamehameha Ave. S. of Kane (SB)	312	578	400	730	418	757
Two-Way	800	988	1,050	1,270	1,083	1,318
W. Kamehameha Ave. Between Kane & Lono (EB)	402	406	510	505	513	509
W. Kamehameha Ave. Between Kane & Lono (WB)	218	460	300	585	305	593
Two-Way	620	866	810	1,090	818	1,102
W. Kamehameha Ave. E. of Lono (EB)	514	238	630	730	635	738
W. Kamehameha Ave. E. of Lono (WB)	250	341	310	630	317	640
Two-Way	764	579	940	1,360	952	1,378
Kahului Beach Rd. N. of Kaahumanu (NB)	975	1,048	1,120	1,460	1,124	1,466
Kahului Beach Rd. N. of Kaahumanu (SB)	1,169	1,186	1,320	1,290	1,324	1,295
Two-Way	2,144	2,234	2,440	2,750	2,448	2,761
Kane St. Between Kaahumanu & Vevau (NB)	149	191	230	335	265	386
Kane St. Between Kaahumanu & Vevau (SB)	220	309	270	385	293	417
Two-Way	368	500	500	720	557	803
Kane St. Between Vevau & W. Kamehmeha (NB)	182	238	275	335	295	362
Kane St. Between Vevau & W. Kamehmeha (SB)	218	341	275	425	295	455
Two-Way	400	579	550	760	590	817

APPENDIX C (CONTINUED)

SUMMARY OF BASE YEAR (2017) AND YEAR 2026 TRAFFIC VOLUMES DURING AM AND PM PEAK HOURS

ROADWAY LANES	****** CY 2017*** AM	PM	*** CY 2026 (NO BUILD) ** AM	PM	*** CY 2026 (BUILD) *** AM	PM
Kane St. E. of W. Kamehameha (EB)	30	22	80	100	82	103
Kane St. E. of W. Kamehameha (WB)	24	54	70	70	73	73
Two-Way	54	76	150	170	155	176
Lono Ave. Between Kaahumanu & Vevau (NB)	235	205	335	285	343	297
Lono Ave. Between Kaahumanu & Vevau (SB)	195	237	270	310	277	320
Two-Way	430	442	605	595	620	617
Lono Ave. Between Vevau & W. Kamehmeha (NB)	293	231	395	310	400	318
Lono Ave. Between Vevau & W. Kamehmeha (SB)	239	346	330	455	336	464
Two-Way	532	577	725	765	736	782
Lono Ave. S. of W. Kamehameha (NB)	299	174	410	250	414	258
Lono Ave. S. of W. Kamehameha (SB)	148	205	220	270	224	276
Two-Way	447	379	630	520	638	534

Appendix E

Preliminary Engineering Report

FINAL PRELIMINARY ENGINEERING REPORT

FOR

KAHULUI CIVIC CENTER MIXED-USE COMPLEX

Kahului, Maui, Hawai'i
TMK: (2) 3-7-004: 003

May 2021

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1. INTRODUCTION

1.1 OVERVIEW

The State of Hawai'i (State), Department of Business, Economic Development & Tourism, Hawaii Housing Finance & Development Corporation (HHFDC) is proposing to undertake the "Kahului Civic Center Mixed-Use Complex Project" (Project). The Project is a collaborative effort between the HHFDC and State Department of Accounting and General Services. The Project primarily involves the construction of affordable and market-rate multi-family housing (multi-family housing) and a State Kahului Civic Center (Civic Center). The multi-family housing buildings and Civic Center will provide a total of approximately 381,000 SF of floor area and approximately 596 parking spaces. Approximately 300 multi-family dwelling units (mixture of 1-, 2- and 3-bedroom units) will be provided in two buildings (both roughly six stories); and approximately 414 parking spaces will be provided in two three-level parking podiums for the multi-family housing. The preliminary program for the Civic Center (roughly four stories) includes space for State offices, the State Department of Education's (DOE) McKinley Community School for Adults, and the Kahului Public Library. A parking deck built over a surface parking lot will provide approximately 182 parking spaces for the Civic Center. Community-oriented commercial space may be included in either the multi-family housing building(s) or the Civic Center. The Civic Center program spaces may be adjusted due to the needs and priorities of State agencies and availability of funding. The Project site is owned by the State, and is currently utilized by the DOE's McKinley Community School for Adults. The Project site is adjacent to the new Central Maui Transit Hub, being developed by the County of Maui, which is not a part of this Project.

1.2 PURPOSE OF REPORT

The intent of this Preliminary Engineering Report (PER) is to evaluate the feasibility of the existing infrastructure and utilities to support the proposed project. The PER will also identify and recommend infrastructure and utility improvements necessary for the proposed development.

1.3 EXISTING USES

The project site consists of one (1) Tax Map Key (TMK): (2) 3-7-004:003 (por.) with an approximate project area of 4.72 acres. The existing project site is located within the "Urban" State Land Use District (SLUD) and the "B-2 – Business-Community" zoning district and is designated for "B – Business/Commercial" use per the County's Wailuku-Kahului Community Plan (2002). The project site has elevations that range from approximately 12' above MSL to 6' MSL, where the site is mostly flat. Several buildings, at-grade parking spaces, fences, rock wall, and grass/weeded areas constitute the existing use of the project site.
(See Figure 1: Location Map)

According to the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS), soils consist of Puuone Sand (7% to 30% slopes) and Fill

Land on the mauka and makai portions of the project site, respectively. **(See Figure 2: Soils Map)**

1.4 FLOOD HAZARD

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM), the project area is located within Zone "X", an area determined to be outside the 500-year floodplain and not subjected to any flood regulations. The project site is not located within a FEMA Special Flood Hazard Area (SFHA). **(See Figure 3: Flood Zone Map)**

2. EXISTING INFRASTRUCTURE

2.1 EXISTING ROADWAYS

The project site is bounded by Kaahumanu Avenue, Kane Street and Vevau Street on the northern, western, and southern portions of the site, respectively. Kaahumanu Avenue is a three lane in each direction, two-way asphalt concrete (AC) paved roadway with bicycle lanes separated by a median under the jurisdiction of the State of Hawaii Department of Transportation (DOT). Kane Street is a two-way AC paved roadway with two (2) lanes mauka and one (1) lane in the makai direction of traffic under the jurisdiction of the County of Maui (See **Figure 1: Location Map**). Kane Street also serves as the ingress and egress point for vehicles using the existing twenty-one (21) stall at-grade AC parking lot and vehicles accessing the maintenance parking lot on the project site. Vevau Street is a single lane in each direction, two-way AC paved roadway, that is being improved and dedicated to the County of Maui.

2.2 EXISTING PEDESTRIAN ACCESSS

Pedestrian access is provided by sidewalks surrounding the project site adjacent to Kaahumanu Avenue and a small portion on the makai portion of Kane Street. Sidewalk access is unavailable for the majority of Kane Street and Vevau Street. Currently, a separate project is in progress to improve the sidewalk along Vevau Street fronting the project site. Once complete, pedestrians will have access to the project site via Vevau Street (See **Figure 6 Existing Conditions Site and Utility**).

Four (4) crosswalks provide pedestrian access to the project site. The crosswalk on the corner of Kaahumanu Avenue and Kane Street provides access for pedestrians approaching the project site from the west along Kaahumanu Avenue, while a crosswalk in the north-east direction bordering the project site and the adjacent Shell gas station provides access for pedestrians approaching from the north-east. Two (2) crosswalks on the corner of Vevau Street and Kane Street provide access for pedestrians approaching from the south and the Sears parking lot mauka of the project site (See **Figure 6 Existing Conditions Site and Utility**).

2.3 EXISTING PARKING

A portion of the project site is currently used as an at-grade AC parking lot for DOE Adult School students, DOE lawn mower operations and their authorized personnel, and DOE bus drivers. Street parking is unavailable along the roadways surrounding the project site.

2.4 EXISTING WASTEWATER INFRASTRUCTURE

Wastewater service is provided by existing 15-inch and 8-inch sewer lines within Vevau Street and Kane Street, respectively. Correspondence with the Department of Environmental Management Wastewater Reclamation Division (WRD) officials indicate the 15-inch sewer line is encased with reinforced concrete along the project frontage along Vevau Street and new sewer lateral connections are consequently not permitted. WRD officials indicated records show two (2) lateral connections are associated with the project site Tax Map Key (TMK) when only one (1) is permitted per parcel under County of Maui code. The two (2) sewer laterals associated with the project site include an existing 4-inch sewer lateral connecting to the existing DOE School for Adults building along Vevau Street and an 8-inch sewer lateral stub provided by the adjacent Transit Hub project, intended to serve this project.

2.5 EXISTING WATER INFRASTRUCTURE

Potable water service to the property is provided by an existing 12-inch Department of Water Supply (DWS) waterline within Kaahumanu Avenue. Correspondence with DWS officials indicate the existence of a 2-inch water meter along Kaahumanu Avenue with a capacity of 160 gallons per minute (GPM). The State of Hawaii has jurisdiction over Kaahumanu Avenue and any proposed work will require the State's review and approval in conjunction to DWS review.

Three (3) fire hydrants, denoted as FH#002, FH#118 and FH#119, are located within the vicinity of the project site. Fire hydrant #002 is located along Kaahumanu Avenue, while fire hydrants #118 and #119 are located on corner of Kane Street and Vevau Street and the corner of Kaahumanu Avenue and Kane Street fronting the Sears parking lot, respectively. Fire hydrant #002 connects to a 12-inch water line main within Kaahumanu Avenue with a static pressure of 94 psi. Fire hydrant #118 and fire hydrant #119 both connect to an 8-inch water line main within Kane Street with static pressure values of 92 psi and 94 psi, respectively based on modeled pressures provided by County of Maui.

2.6 EXISTING DRAINAGE INFRASTRUCTURE

Stormwater runoff generated within the project site sheet flows towards Kane Street and three (3) openings in the rock wall along Kaahumanu Avenue with portions of the runoff retained in low spots within the center of the parcel boundary. Runoff conveyed off the parcel boundary towards Kane Street travels via surface flow to a catch basin near the intersection of Kaahumanu Avenue and Kane Street, while runoff conveyed towards the openings in the rock wall travels via surface and gutter flow into two (2) catch basins along Kaahumanu Avenue (Catch Basins CB-2 and CB-3). Drainage basin

E-4 was determined to retain approximately 15,349 cubic feet of volume based on the size of the sump and discharges 1.94 cfs during a 50-year recurrence interval one hour duration storm. The 1.94 cfs discharge travels through the opening in the rockwall and towards to a catch basin denoted CB-3. All three (3) catch basins discharge 3.09 cfs of runoff into the State's 36-inch drain line within Kane Street and Kaahumanu Avenue for a 50-year recurrence interval one hour duration storm. The project site does not appear to contain any stormwater structures or other special mitigation measures and runoff overland flows and outflows to four (4) discharge points (See **Figure 8 Existing Drainage Conditions**).

Table 2.6.1 Existing Drainage Condition

Drainage Basin	Runoff Coefficient, C	Corrected Rainfall, i_{50}	Area(acres)	Runoff, Q_{50}(cfs)	Discharge Point
E1	0.35	4.83	0.21	0.36	Catch Basin CB-2
E2	0.35	6.77	0.16	0.38	Catch Basin CB-1
E3	0.35	4.83	0.24	0.41	Catch Basin CB-2
E4	0.60	3.71	4.11	1.94	E-4 Pond (15,349 CF retained)
Total			**4.72**	**3.09**	

2.7 EXISTING ELECTRICAL, TELEPHONE AND INTERNET SERVICES

Existing utilities exist within the vicinity of the project along Kaahumanu Avenue, Kane Street and Vevau Street. Appended "**Preliminary Engineering Report (Electrical)**" provides further information on the existing utilities and their locations.

3. PROPOSED INFRASTRUCTURE

3.1 PROPOSED ROADWAY

Roadway improvement recommendations in consideration as the project progresses include:

- Multi-way stop warrant or AWSC (All-Way Stop Control) at the intersection of Kane Street/Vevau Street to provide traffic gaps
- Re-striping section of Kane Street between Vevau Street and Kaahumanu Avenue to allow partial access via driveway on east side of Vevau Street
- Restripe southbound Kane Street approach to Vevau Street to be a southbound right-return lane, a southbound through lane, and a southbound left-turn lane
- Prohibit left turns out of Kane Street driveway

Figure 4 Striping and Roadway Improvements illustrates the recommended improvements categorized above.

Potential improvements will most likely involve discussion with the County of Maui and their respective departments for direction and approval. No new connections, entrances or exits are proposed on Kaahumanu Avenue (State).

3.2 PROPOSED PEDESTRIAN ACCESS

Pedestrian access to the project site will be provided by the existing surrounding public sidewalks along Kaahumanu Avenue and walkways within the project boundary. The Vevau Street Improvement project will provide new public sidewalks along Vevau Street and pedestrian access to the adjacent transit hub. As part of the infrastructure improvements, the project will also provide a new 10 feet wide public sidewalk along the frontage along Kane Street. Proposed and modified walkways will be installed to conform to Americans with Disabilities Act (ADA) requirements as technically feasible. Walkways within the project site are to be designed in such ways to enable pedestrians' efficient access to and between the three (3) separate buildings and the parking structure (See **Figure 7 Proposed Conditions Site and Utility**).

Pedestrian access improvement recommendation in consideration as the project progresses include:

- Curb extension on southwest corner of Kane Street/Vevau Street to shorten pedestrian crossing distance
- Project is expected to contribute 30.1% of AWSC design and installation. If AWSC is not implemented by County of Maui, project will fund fully to design and install either AWSC or Rectangular Rapid Flashing Beacon (RRFB)

Figure 4 Striping and Roadway Improvements and Figure 5 Multimodal Circulation illustrates the recommended improvements categorized above and conceptual multimodal circulation.

Potential improvements will most likely involve discussion with the County of Maui and their respective departments for coordination and approval.

3.3 PROPOSED VEHICULAR ACCESS AND PARKING

An existing driveway adjacent to Kane Street will be replaced with a new driveway to serve as the ingress and egress point for vehicles using the surface parking, parking garages in the residential high rises, and a parking deck adjacent to the four-story office building. The project will incorporate a total of 596 parking stalls to accommodate the project's parking requirements. A new driveway along Vevau Street adjacent to the Transit Hub's existing driveway will provide ingress and egress access for vehicles using the parking structure directly, but also connect to the onsite parking and adjacent residential building.

3.4 EROSION CONTROL

The site will implement temporary Best Management Practices (BMP) techniques for erosion control throughout the construction phase of the project. BMPs will conform to all applicable standards to fulfill proper erosion control management to prevent water pollution and soil loss.

3.5 PROPOSED SITE GRADING AND DRAINAGE/STORMWATER QUALITY

The elevations across the existing project site are relatively flat and the proposed site improvements and grading will match the existing elevations to the maximum extent possible; however, portions of the project site will likely require fill to match the elevation of the surrounding streets. Walkways and site improvements will comply with Americans with Disabilities Act (ADA) guidelines and regulations.
Grading throughout the site will consider drainage designs to convey stormwater away from the buildings to site landscaping, Low Impact Development (LID) Best Management Practices (BMP), storm drain improvements and to the State's drainage system.

Low Impact Development (LID)

Low Impact Development (LID) features are intended to manage stormwater runoff and mimic the predevelopment conditions of a site by minimizing impacts to

surrounding environment. Potential LID techniques for the project site include bioretention planters and planter boxes for the numerous trees within the project site. Stormwater runoff enters bioretention planters where organic mulch layer and sandy soils appropriate for plants filter, store, and infiltrate runoff into a gravel layer. Similarly, stormwater runoff enters planter boxes; however, infiltration is not performed. Planter boxes retain stormwater runoff within a closed system and are ideal in locations that do not permit infiltration.

Underground Detention Basin

The project site will implement an underground chamber detention basin to detain the increase in stormwater runoff generated by the site improvements. The underground detention basin will be placed between the residential high rises or where space is available with stormwater runoff contributed via residential high rises, parking structure and drain inlets surrounding the project site. The underground detention basin was conservatively sized to detain the entire project site's 50-year stormwater runoff of 19,855 cubic feet. The detention basin is also designed to discharge into the existing catch basin CB-2 that fronts the project site along Kaahumanu Avenue. The discharge during a 50-year 1-hour storm is 1.86 cfs which does not exceed the existing 50-year, 1-hour discharge peak flow of 3.09 cfs, to the State's drainage system.

Table 3.5.1 Proposed Drainage Condition

Drainage Basin	Runoff Coefficient, C	Corrected Rainfall, i_{50}	Area(acres)	Runoff, Q_{50}(cfs)	Discharge Point
P1	0.85	5.42	4.72	1.86	Subsurface Retention Basin (19,855 CF)
Total			4.72	1.86	

The implementation of LID features, landscaping, site drainage improvements and an underground detention basin, the proposed stormwater runoff quantities will not exceed the existing 50-year, 1-hour storm runoff of 3.09 cfs contributed to the State's drainage system and no adverse impacts are anticipated downstream.

3.6 PROPOSED SEWER INFRASTRUCTURE

The proposed development of two (2) residential low rises comprising of a total of 300 units with retail, DAGS office, school, library and multi-level parking is expected to increase the sewer demands on the County's wastewater system. Correspondence with the Department of Environmental Management Wastewater Reclamation Division (WRD) officials indicate that the project site would most likely use an existing 8-inch sewer lateral stub connection provided by the adjacent Transit Hub project. With the anticipated use of the project site, the following wastewater values were determined based on the projected demands:

Table 3.6 Daily Wastewater Demand

Building	Area/Unit	Conversion	Capita	Wastewater Flow Contribution	Avg. Wastewater Flow (gal/day)
Residential	300 units			255 gal/unit/day	76,500
Retail	5,000 sf	1 employee/350 sf	15 employees	15 gal/employee/day	225
DAGS Office/School	45,000 sf	1 employee/200 sf	225 employees	20 gal/employee/day	4,500
Library	16,000 sf	1 employee/500 sf	32 employees	15 gal/employee/day	480
Total:					**81,705**

Wastewater Demand	Wastewater Flow (gal/day)
Average Wastewater Flow	81,705
Dry Weather Infiltration/Inflow	35,770
Maximum Wastewater Flow	408,525
Wet Weather Infiltration/Inflow	15,318
Design Average Flow	117,475
Design Maximum Flow	444,295
Design Peak Flow	459,613

Using the average wastewater flow of 81,705 gallons per day, a design peak flow of 459,613 gallons per day was determined. The 8-inch sewer lateral has sufficient capacity to satisfy the project's anticipated wastewater discharge.

The 8-inch sewer lateral connects to a property manhole and subsequently to a public sewer manhole (SMH #KA01OO0800) which discharges into an 18-inch sewer main within Vevau Street. Wastewater Reclamation Division (WRD) officials stated the peak flow observed in the 18-inch sewer main was one-third full despite numerous facilities and businesses upstream and capacity for the project site should not be an issue. Preliminary analysis based on the average wastewater flow of 81,705 gallons per day performed by WRD has confirmed capacity exists at the Wailuku/Kahului Wastewater Reclamation Facility and the Kahului Wastewater Pump Station to currently serve the proposed project. Final capacity of both systems; however, can only be determined at the time of building permit issuance, and future availability could be impacted based on factors such as other developments and regulatory changes.

3.7 PROPOSED WATER AND FIRE INFRASTRUCTURE

The water demand is expected to increase with the proposed development. The project will require potable water and fire sprinkler service as part of the proposed development.

The County of Maui's ordinance (Chapter 20.30 Use of Reclaimed Water) requires commercial properties to use recycled water for irrigation in areas where reclaimed water service is available. Reclaimed water service is unavailable within the vicinity of the project site, and the project will not connect to a non-potable, reclaimed water system.

Three (3) fire hydrants (FH#002, FH#118 and FH#119) are available within the vicinity of the project site and fire access is available surrounding the project site. One fire hydrant along Kaahmanu Avenue and one fire hydrant on Kane Street shall be

installed to meet the fire hydrant spacing of 250 feet along the existing roadways according to MCC 14.05.090 for B-2 Business-Community districts. The fire hydrant connection to the water line within Kaahumanu Avenue is approximately 50 feet away from the proposed location and will require coordination with the Hawaii Department of Transportation. The project site will also provide a minimum 50 feet distance from a fire access road to an exterior building's door for access.

The project site will include a new Detector Check (DC) meter and a water lateral from Kaahumanu Avenue to provide fire sprinkler protection for the three (3) proposed buildings and parking structures. The connection into the water line within Kaahumanu Avenue is approximate 50 feet away from the project site and will require coordination with the Hawaii Department of Transportation. The lateral and meter size are to be determined using the **Board of Water Supply Water System Standards Detail M31 Single Detector.** Based on classification from **Table 100-19 Fire Flow Requirements for Schools, Retail and High-Rise Apartments on Maui**, the project site will require fire flow of 2,000 gpm for a duration of two (2) hours.

A new 4" compound meter based on a preliminary fixture unit count of 2,200 or 350 gallons per minute, and a 6" lateral for potable water service is projected for the project site. Final meter and pipe sizes will be based on the total fixture units of the proposed buildings and available pressures. Fixture unit counts will be determined as the project progresses and will be incorporated in the final water meter and lateral designs. DWS officials conveyed that the State of Hawaii has jurisdiction over Kaahumanu Avenue and any proposed work including meter installations and lateral connections will require the appropriate State agency's review and approval in conjunction to DWS review. In addition, water meter upgrades require a water meter reservation, where the water meter reservation offer is valid for 60 days and must be installed within 5 years.

DWS officials have stated that the County is under strict conservation measures regarding water usage and projects may request up 3,000 gallons per day of new or additional water service for a parcel. DWS performs updates yearly to their three-year forecast and percentage of maximum reliable capacity and it is advised to contact the Department for updated information. DWS officials have indicated; however, projects designated as State Public Facilities, as defined in **Section 19.04.040, Maui County Code**, are exempt from the Administrative Rules, if adequate capacity is available to meet the project's water demands. DWS officials, however, have indicated facilities and property owned by the State are not automatically exempt from the Administrative Rules limiting new or additional upgrades to sites to 3,000 GPD per parcel, but rather the use of the facility is the determining factor. Facilities and properties leased for commercial use are not exempt under the Administrative Rules and are thus subject to the 3,000 gallons per day or an equivalent of 21,428 square feet of non-public use.

Water availability was inquired to DWS to which the department has responded that water availability could potentially be an issue in the future should current water

service requests continue the trajectory of the past two (2) years and if DWS does not obtain new water use permit approval from the Commission on Water Resource Management (CWRM) in the next one (1) to two (2) years for additional withdrawal from Wailuku River. DWS has reaffirmed adequate water infrastructure for projects cannot be determined until a building permit application is submitted. In addition, a building permit application is required to be submitted for a formal request for water service which includes meter upgrades, new water meters, additional water meters and/or water meter reservation. The water meter sizing worksheets and/or the water demand calculations (domestic and irrigation) will be approved during the building permit application process. Prior to submittal of the building permit application, DWS suggests a review to determine water system improvements which would be required on the building permit plans. Once the water system improvements are determined, a water meter reservation is a potential option to acquire commitment by DWS for water service.

With the uncertain future water availability within Maui County, it is recommended that a water meter reservation process is initiated early in the project design to obtain a written commitment by DWS indicating that the proposed project will be provided the water requirements.

The affordable housing units, DAGS Office, library and school are exempt from the **Administrative Rules (Title 16, Chapter 201)** as a public facility project as defined in **Section 19.04.040.** The retail space is likely not exempt from the rules as it serves as a commercial space.

DWS officials have suggested to clarify and confirm the intended use of spaces constituting "gray" areas. A letter to the Planning Department is suggested to clarify whether facilities in "gray" areas can receive an exemption from the Administrative Rules. If the Planning Department agrees that the facilities are intended for public use, the corroborating letter should be forwarded to DWS for review to determine exemptions from the Administrative Rules.

Proposed water demands based on proposed site usage were determined as follows:

Kahului Retail:

Total Area (sq. ft.)	Land Use	Average Daily Consumption Rates (gal/sq. ft)	Average Daily Demand (gal/day)	Max Daily Demand (gal/day)	Peak Hour (gal/day)	Exemption from Administrative Rules
5,000	Retail	140/1000	700	1,050	2,100	Not Exempt

Kahului DAGS Office, School and Library:

Total Area (acres)	Land Use	Average Daily Consumption Rates (gal/day)	Average Daily Demand (gal/day)	Max Daily Demand (gal/day)	Peak Hour (gal/day	Exemption from Administrative Rules
1.40	School, DAGS Office Library (Public Use)	1,700	2,380	3,570	7,140	Exempt

Kahului Residential:

Total Units	Land Use	Average Daily Consumption Rates (gal/unit)	Average Daily Demand (gal/day)	Max Daily Demand (gal/day)	Peak Hour (gal/day	Exemption from Administrative Rules
300	Residential (Affordable Housing)	560	168,000	252,000	504,000	Exempt

The project site will adhere to all requirements including:

- The fire department connections (FDCs) for the new building should be located on the address side of the building and visible to the street or on the fire access road, or proper signage installed directing the fire department to the FDC.

- Additional on-site fire hydrants may be required as part of the County fire department review.

Fire access and water supply system requirements for the project will be designed based upon the County Fire Code, which references the State Fire Code and the National Fire Protection Agency (NFPA) 1, Uniform Fire Code, 2012 and all additional amendments as part of the Hawai'i Administrative Rules (HAR) Title 12, Subtitle 7, Chapter 45.2. Additional requirements are noted in the Water System Standards dated

2002. At this time, based upon the above referenced standards, the following criteria will be met in terms of adequate fire access and water supplies:

- Provide an adequate fire apparatus roadway for every facility or portion of a facility where any portion of said structure is located more than 150-feet from fire apparatus access as measured by an approved route around the exterior of the facility.
- Road Width = Unobstructed 20-feet.
- Road Vertical Clearance = Unobstructed 13-feet and 6-inches.
- Surface = Capable supporting 73,000 lbs and constructed with an all-weather material.
- Turning Radius = 42-foot minimum on outside front wheel. 28.4-foot minimum on inside rear wheel.
- Dead Ends = Provide appropriate turnaround (cul-de-sac or hammerhead)
- Maximum Grade = 19%
- Key Boxes = If fire access roadway is gated or locked at any time.
- Signage = Required for entire length of roadway
- Provide an adequate fire water supply, capable of supplying the required fire flow as determined by the Water System Standards. On-site, private hydrants may be required for facilities where any portion of the structure is located more than 150-feet from a water supply on a fire apparatus access road.
- Provide 2,000 gpm for 2 hours with a residual pressure of 20 psi for on-site hydrants.
- Hydrant spacing at 250-feet (on public roadways).
- Fire Department Connections (FDCs) for sprinkler systems should be placed on the address side of the building and within 50 feet of an adequate water supply/fire hydrant.

3.8 PROPOSED ELECTRICAL, TELEPHONE AND INTERNET SERVICES

Appended "**Preliminary Engineering Report (Electrical)**" provides options for the project to use the existing infrastructure in conjunction with improvements.

4. CONCLUSION

The proposed development will comply with all State, Federal and County guidelines, and regulations. The existing utilities and surrounding infrastructure are sufficient to support the proposed site development with the indicated improvements and no adverse impacts are expected from the project's development.

FIGURES



FIGURE 1: LOCATION MAP

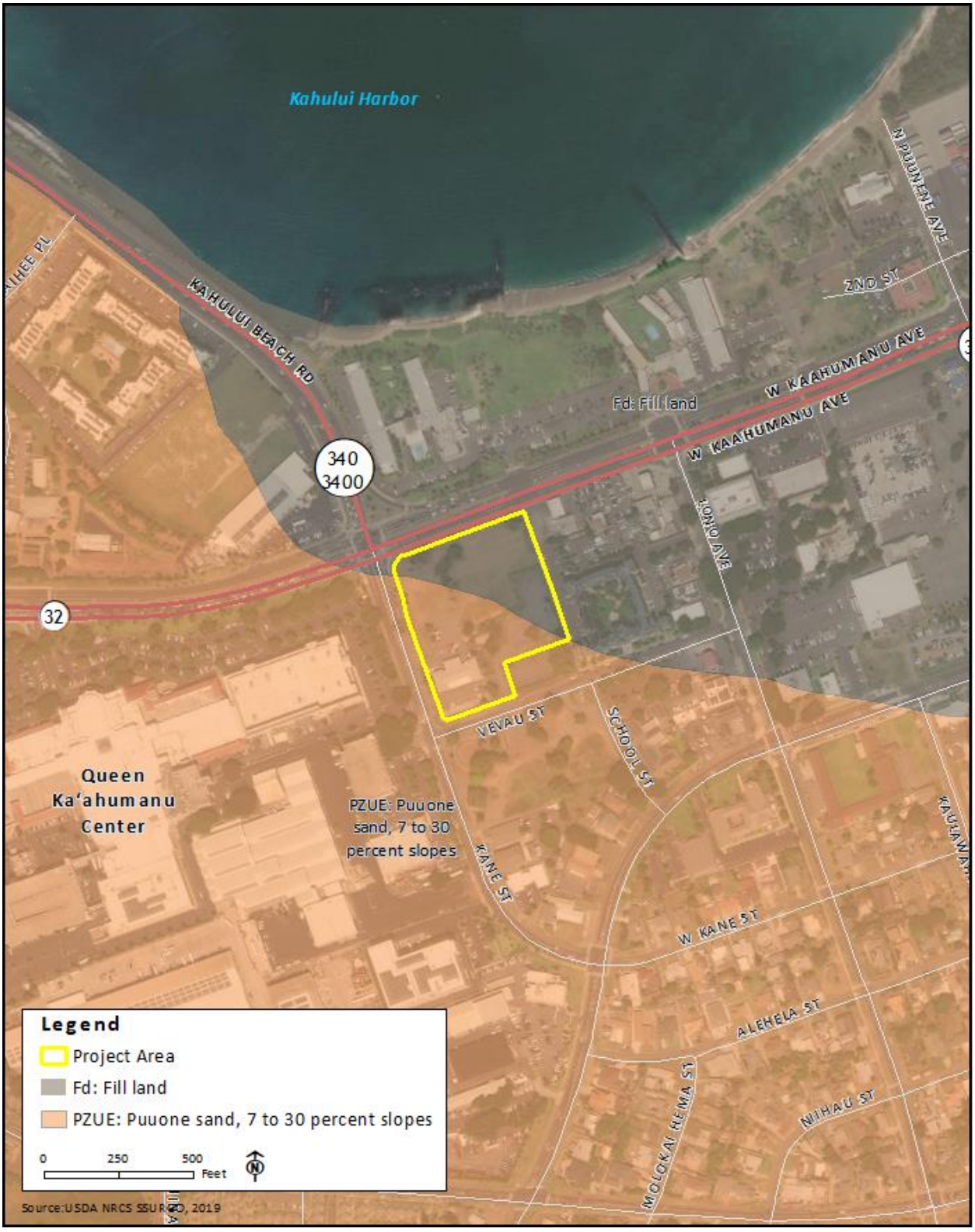


FIGURE 2: SOILS MAP

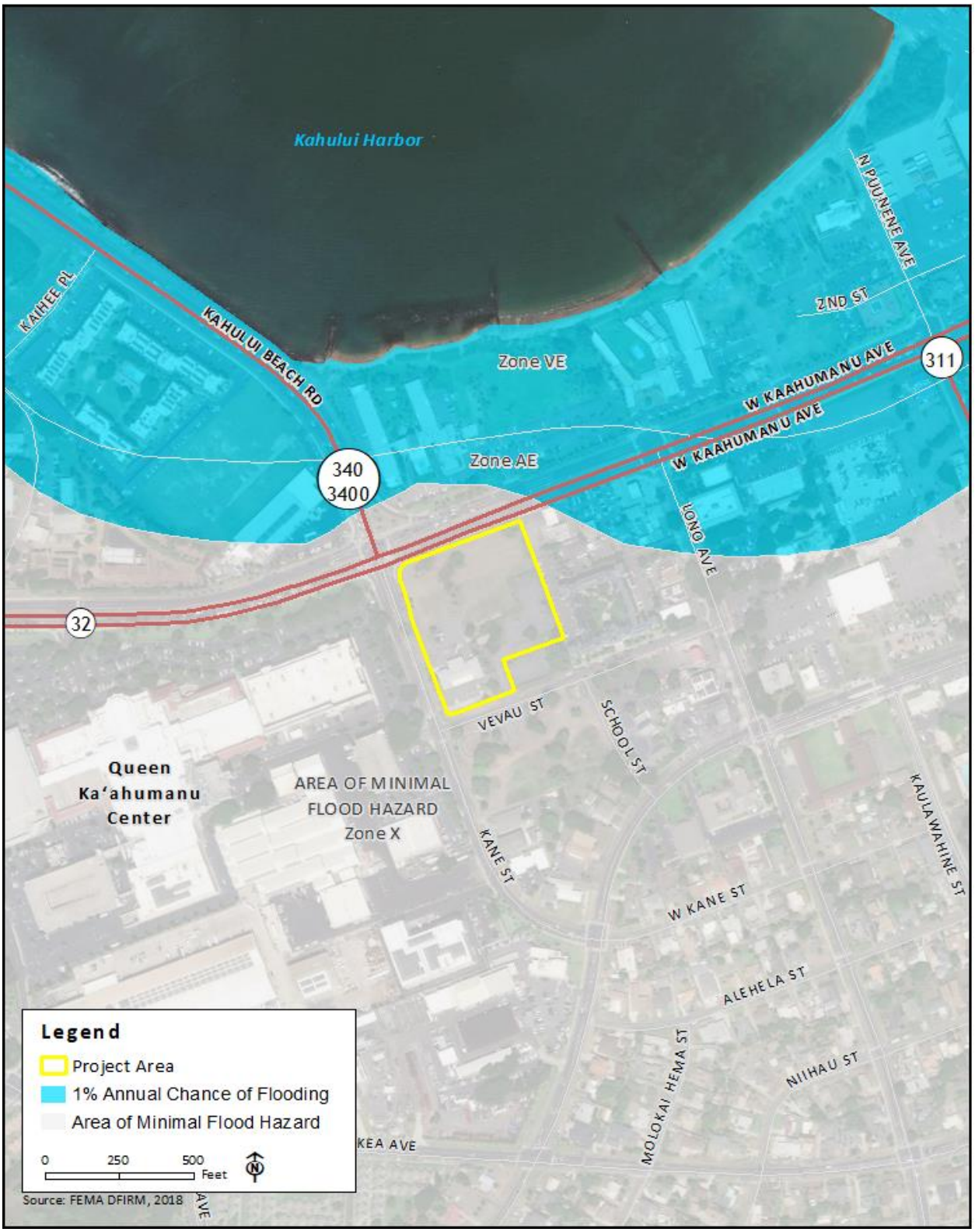


FIGURE 3: FLOOD ZONE MAP



FIGURE 4: STRIPING AND ROADWAY IMPROVEMENTS

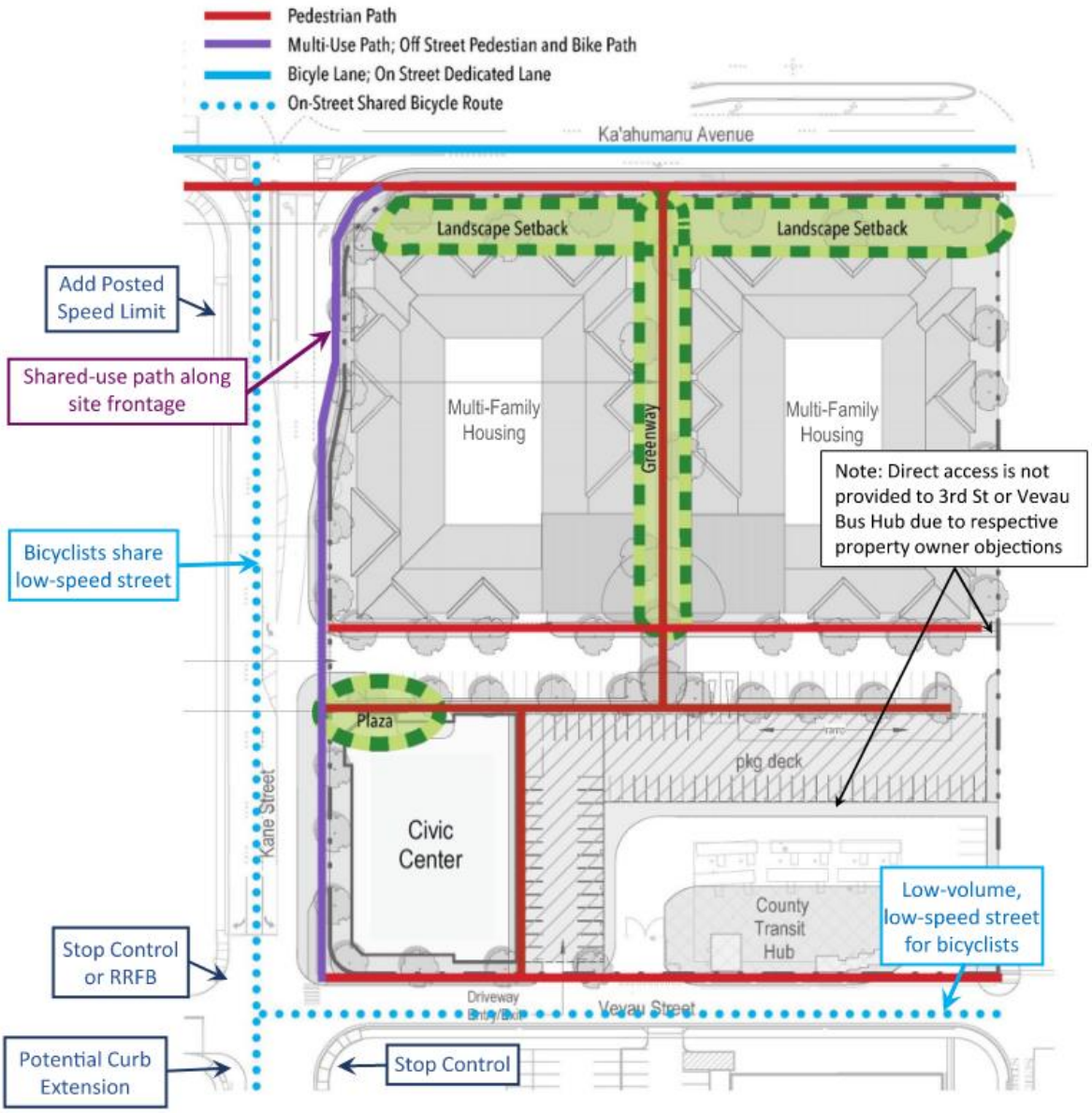


FIGURE 5: MULTIMODAL CIRCULATION

LEGEND

- E/S8 — EXISTING SEWER LINE
- E/W12 — EXISTING WATER LINE
- FH — EXISTING FIRE HYDRANT LATERAL
- E/D12 — EXISTING DRAIN LINE
- EXISTING CONCRETE JACKET
- PROPERTY LINE
- EASEMENT LINE
- PROJECT AREA

NOTES:
1. UTILITY ALIGNMENTS SHOWN ON THIS PLAN ARE CONCEPTUAL IN NATURE AND FOR PLANNING PURPOSES ONLY.
2. ALIGNMENTS ARE BASED ON RECORD DRAWINGS, GIS DATA AVAILABLE, AND FIELD OBSERVATION.
3. LOCATIONS OF LINES SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

TMK:(2) 3-7-002:021
(QKC MAUI OWNER LLC)

KAAHUMANU AVENUE (STATE)

KANE STREET (COUNTY)

VEVAU STREET (PRIVATE)

EXIST CATCH BASIN CB-1

EXIST CATCH BASIN CB-2

EXIST CATCH BASIN CB-3

EXISTING 2" WATER METER

EXISTING FIRE HYDRANT#002

EXISTING 2" WATER METER #26091978

EXISTING FIRE HYDRANT#119

EXISTING IRRIGATION WATER LINE

TMK:(2) 3-7-004:003
(STATE)

TMK:(2) 3-7-004:011
(HARRY AND JEANETTE WEINBERG FOUNDATION)

TMK:(2) 3-7-004:010
(HONOLULU LIMITED)

TMK:(2) 3-7-004:001
(ROBERT AND MARK DAY COMPANY LLC)

NEW TRANSIT HUB (BY OTHERS)

EXISTING FIRE HYDRANT#118

EXISTING 4" SEWER LATERAL

EXISTING CONCRETE JACKET

EXISTING SEWER LATERAL AS PART OF ADJACENT TRANSIT HUB PROJECT

AREA UNDER CONSTRUCTION

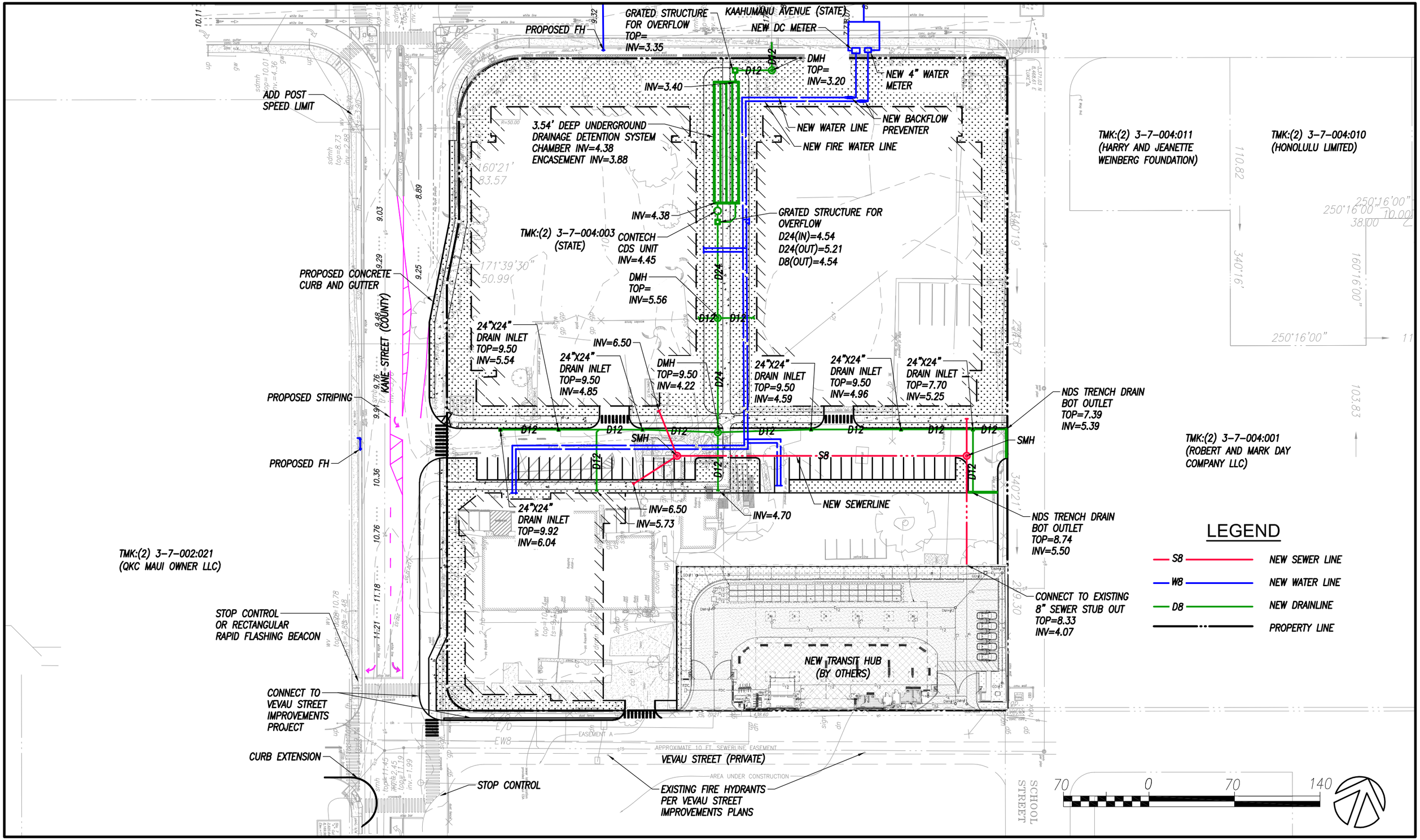
70 0 70 140

EXISTING CONDITIONS SITE AND UTILITY

SCALE: 1' = 70'

KAHULUI CIVIC CENTER MIXED-USE COMPLEX
KAHULUI, MAUI, HAWAII

FIGURE 6

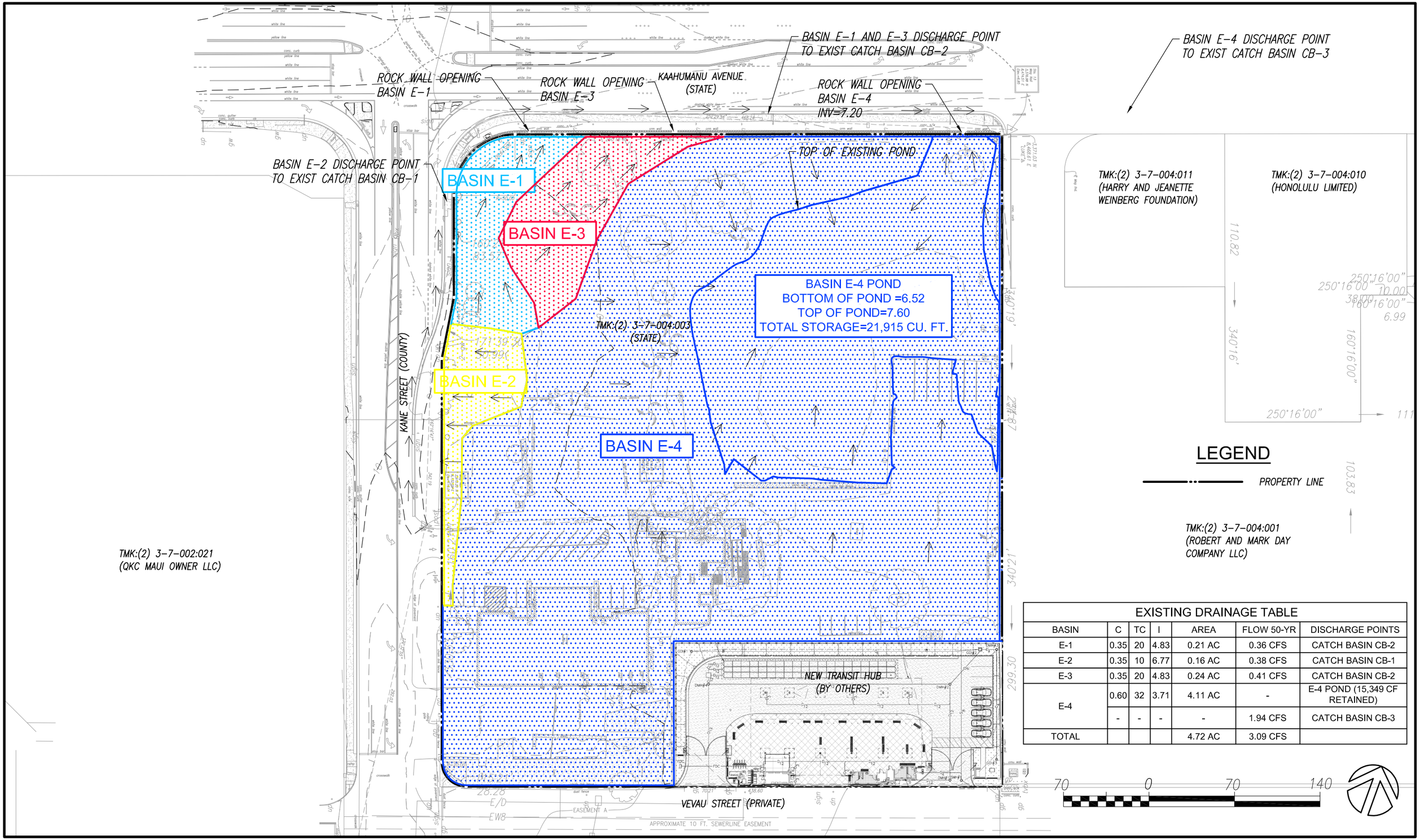


PROPOSED CONDITIONS SITE AND UTILITY

SCALE: 1' = 70'

KAHULUI CIVIC CENTER MIXED-USE COMPLEX
KAHULUI, MAUI, HAWAII

FIGURE 7



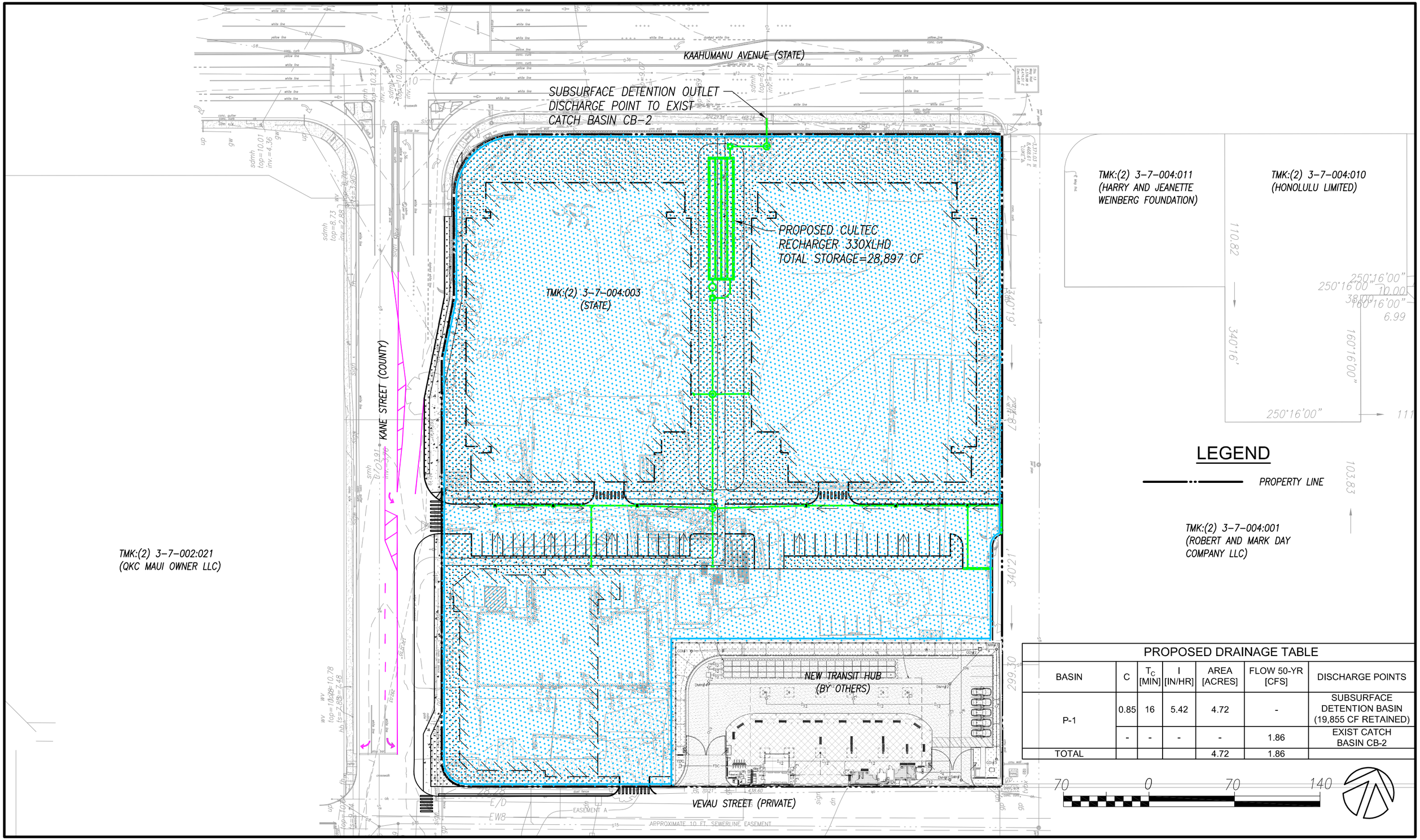
EXISTING DRAINAGE TABLE						
BASIN	C	TC	I	AREA	FLOW 50-YR	DISCHARGE POINTS
E-1	0.35	20	4.83	0.21 AC	0.36 CFS	CATCH BASIN CB-2
E-2	0.35	10	6.77	0.16 AC	0.38 CFS	CATCH BASIN CB-1
E-3	0.35	20	4.83	0.24 AC	0.41 CFS	CATCH BASIN CB-2
E-4	0.60	32	3.71	4.11 AC	-	E-4 POND (15,349 CF RETAINED)
	-	-	-	-	1.94 CFS	CATCH BASIN CB-3
TOTAL				4.72 AC	3.09 CFS	

EXISTING DRAINAGE CONDITIONS

SCALE: 1' = 70'

KAHULUI CIVIC CENTER MIXED-USE COMPLEX
KAHULUI, MAUI, HAWAII

FIGURE
8



PROPOSED DRAINAGE TABLE						
BASIN	C	T_C [MIN]	I [IN/HR]	AREA [ACRES]	FLOW 50-YR [CFS]	DISCHARGE POINTS
P-1	0.85	16	5.42	4.72	-	SUBSURFACE DETENTION BASIN (19,855 CF RETAINED)
	-	-	-	-	1.86	EXIST CATCH BASIN CB-2
TOTAL				4.72	1.86	

PROPOSED DRAINAGE CONDITIONS

SCALE: 1' = 70'

KAHULUI CIVIC CENTER MIXED-USE COMPLEX
KAHULUI, MAUI, HAWAII

FIGURE
9

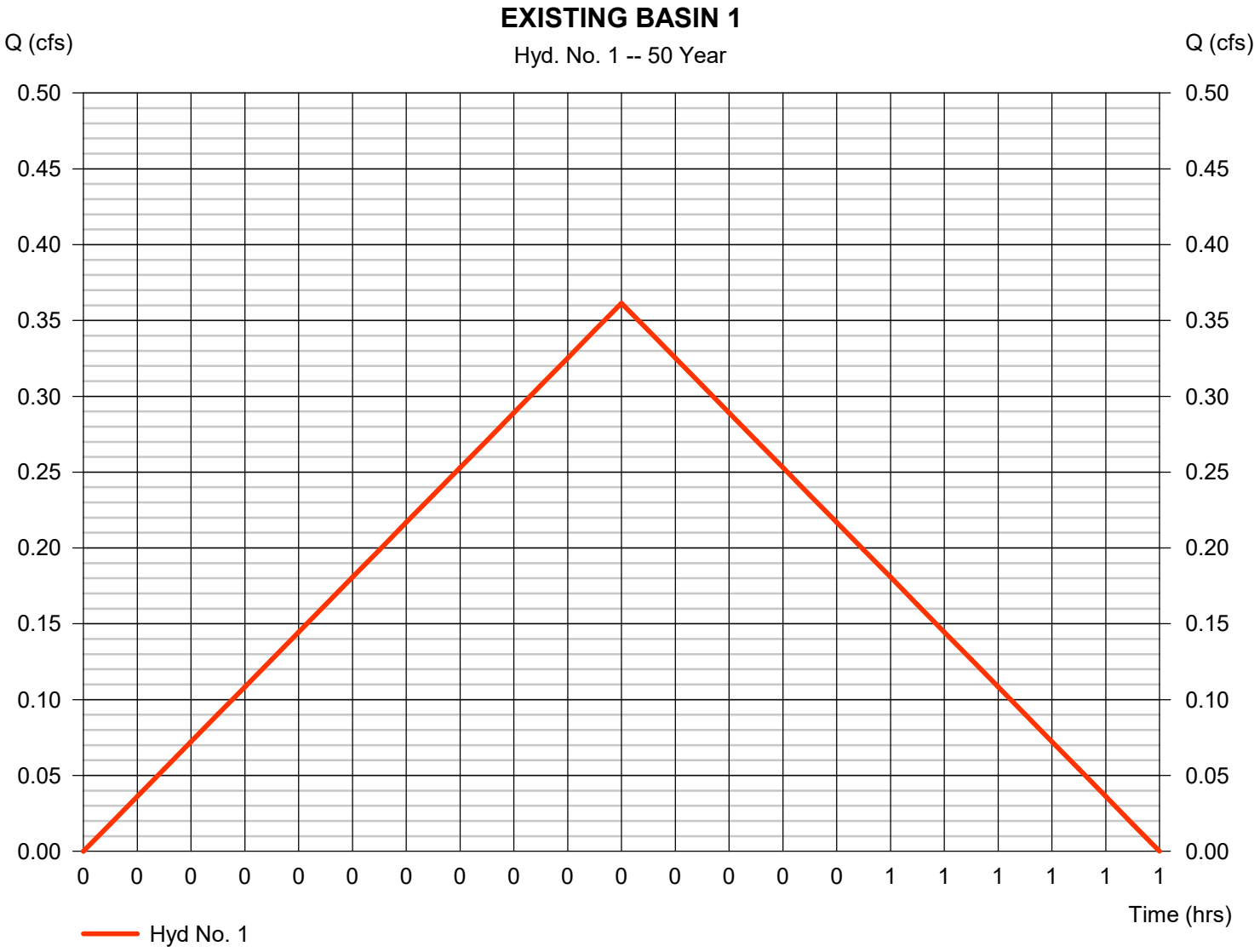
Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® 2019 by Autodesk, Inc. v2020 Thursday, 03 / 18 / 2021

Hyd. No. 1

EXISTING BASIN 1

Hydrograph type	= Rational	Peak discharge	= 0.361 cfs
Storm frequency	= 50 yrs	Time to peak	= 0.33 hrs
Time interval	= 1 min	Hyd. volume	= 434 cuft
Drainage area	= 0.214 ac	Runoff coeff.	= 0.35
Intensity	= 4.826 in/hr	Tc by User	= 20.00 min
IDF Curve	= 218071-01 Kahului.IDF	Asc/Rec limb fact	= 1/1



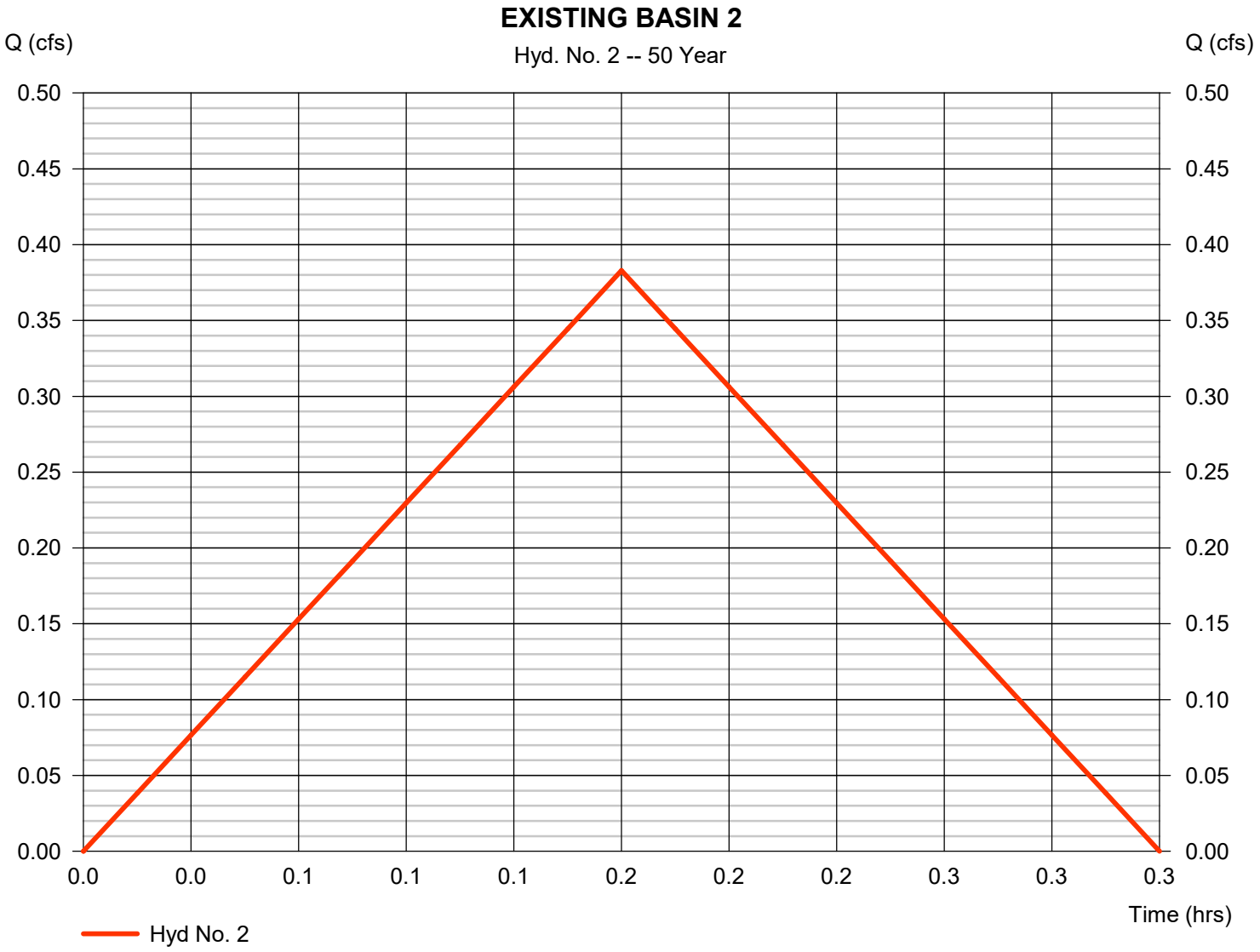
Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® 2019 by Autodesk, Inc. v2020 Thursday, 03 / 18 / 2021

Hyd. No. 2

EXISTING BASIN 2

Hydrograph type	=	Rational	Peak discharge	=	0.383 cfs
Storm frequency	=	50 yrs	Time to peak	=	0.17 hrs
Time interval	=	1 min	Hyd. volume	=	230 cuft
Drainage area	=	0.162 ac	Runoff coeff.	=	0.35
Intensity	=	6.768 in/hr	Tc by User	=	10.00 min
IDF Curve	=	218071-01 Kahului.IDF	Asc/Rec limb fact	=	1/1



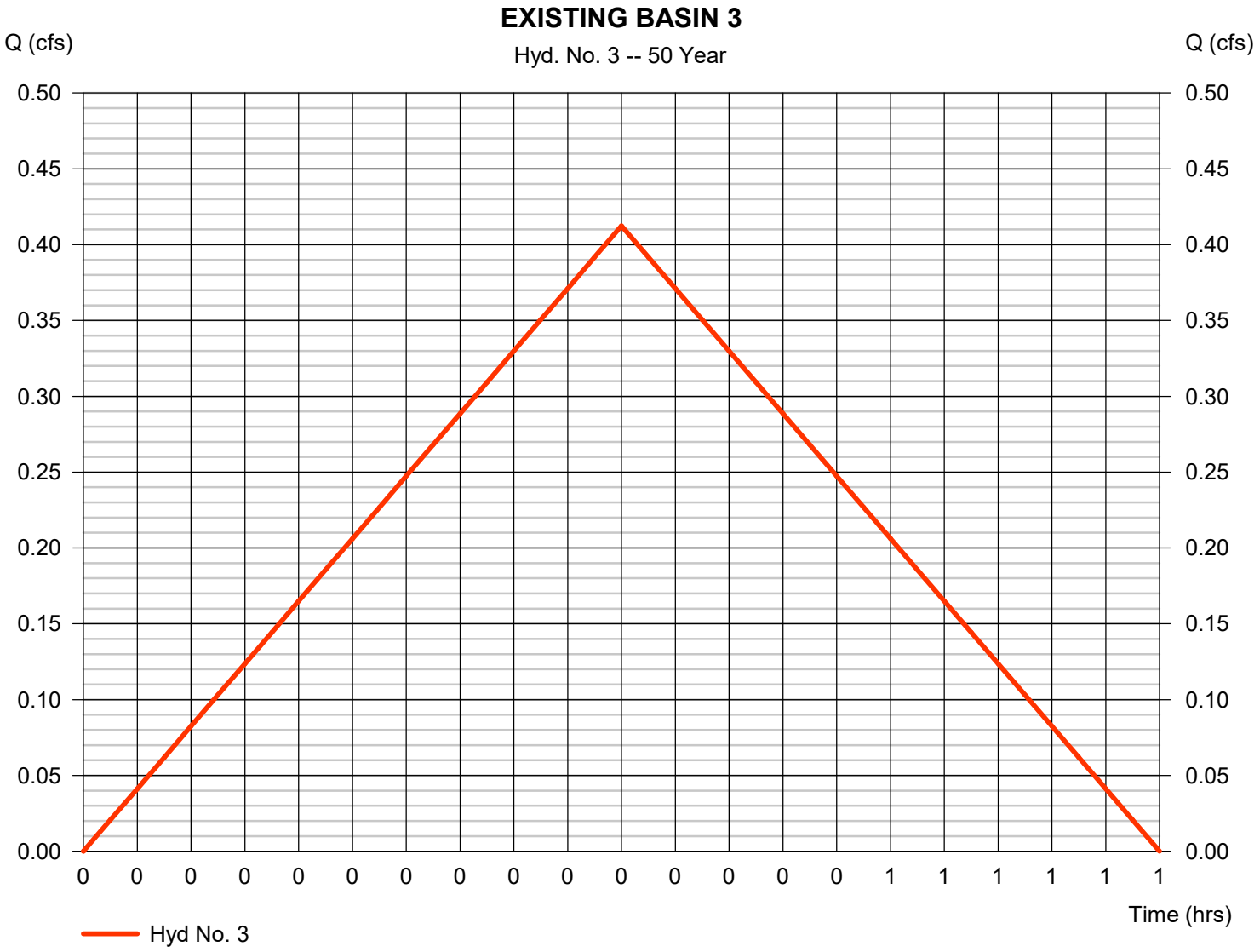
Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® 2019 by Autodesk, Inc. v2020 Thursday, 03 / 18 / 2021

Hyd. No. 3

EXISTING BASIN 3

Hydrograph type	= Rational	Peak discharge	= 0.412 cfs
Storm frequency	= 50 yrs	Time to peak	= 0.33 hrs
Time interval	= 1 min	Hyd. volume	= 495 cuft
Drainage area	= 0.244 ac	Runoff coeff.	= 0.35
Intensity	= 4.826 in/hr	Tc by User	= 20.00 min
IDF Curve	= 218071-01 Kahului.IDF	Asc/Rec limb fact	= 1/1



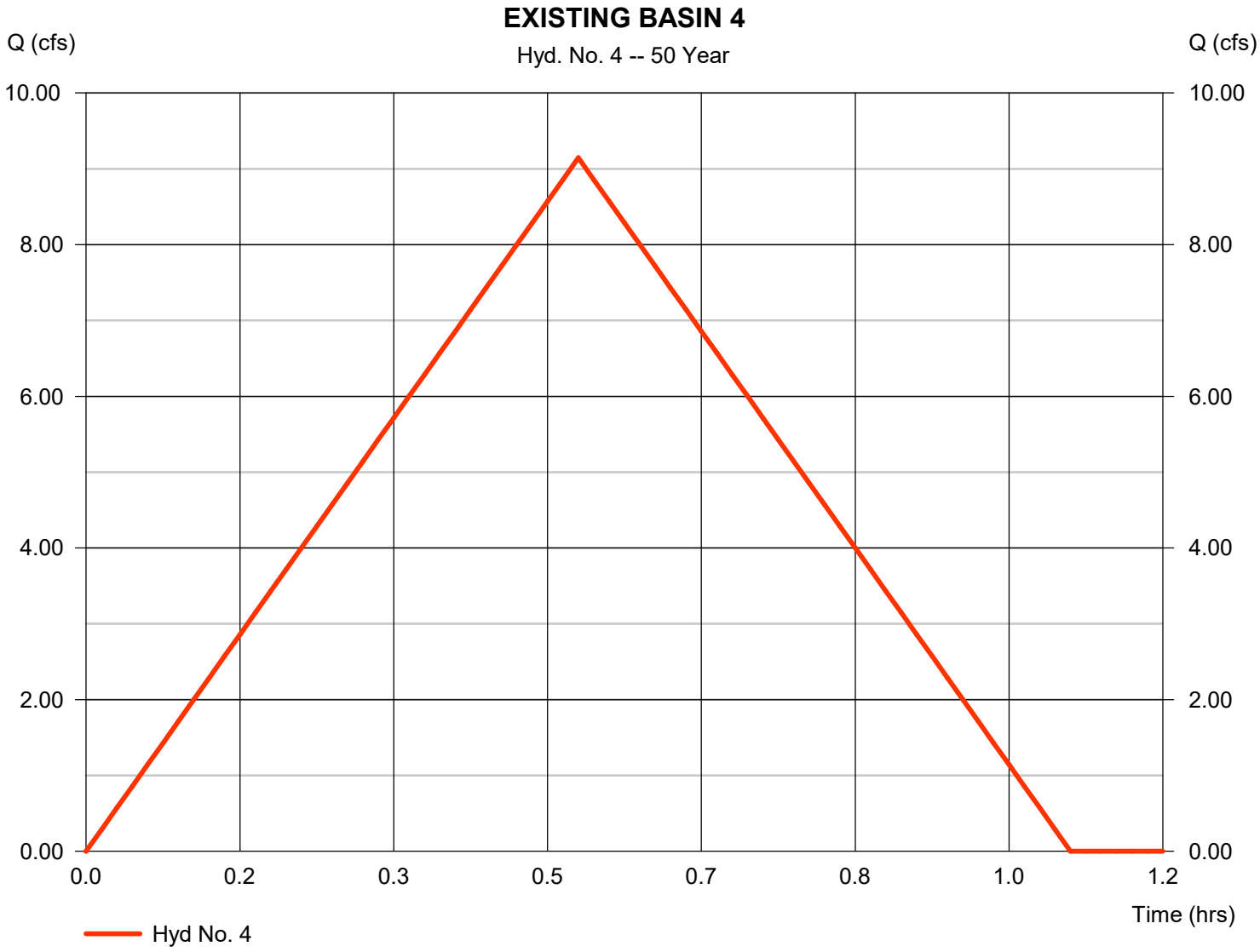
Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® 2019 by Autodesk, Inc. v2020 Thursday, 03 / 18 / 2021

Hyd. No. 4

EXISTING BASIN 4

Hydrograph type	=	Rational	Peak discharge	=	9.145 cfs
Storm frequency	=	50 yrs	Time to peak	=	0.53 hrs
Time interval	=	1 min	Hyd. volume	=	17,558 cuft
Drainage area	=	4.110 ac	Runoff coeff.	=	0.6
Intensity	=	3.708 in/hr	Tc by User	=	32.00 min
IDF Curve	=	218071-01 Kahului.IDF	Asc/Rec limb fact	=	1/1



Hydrograph Report

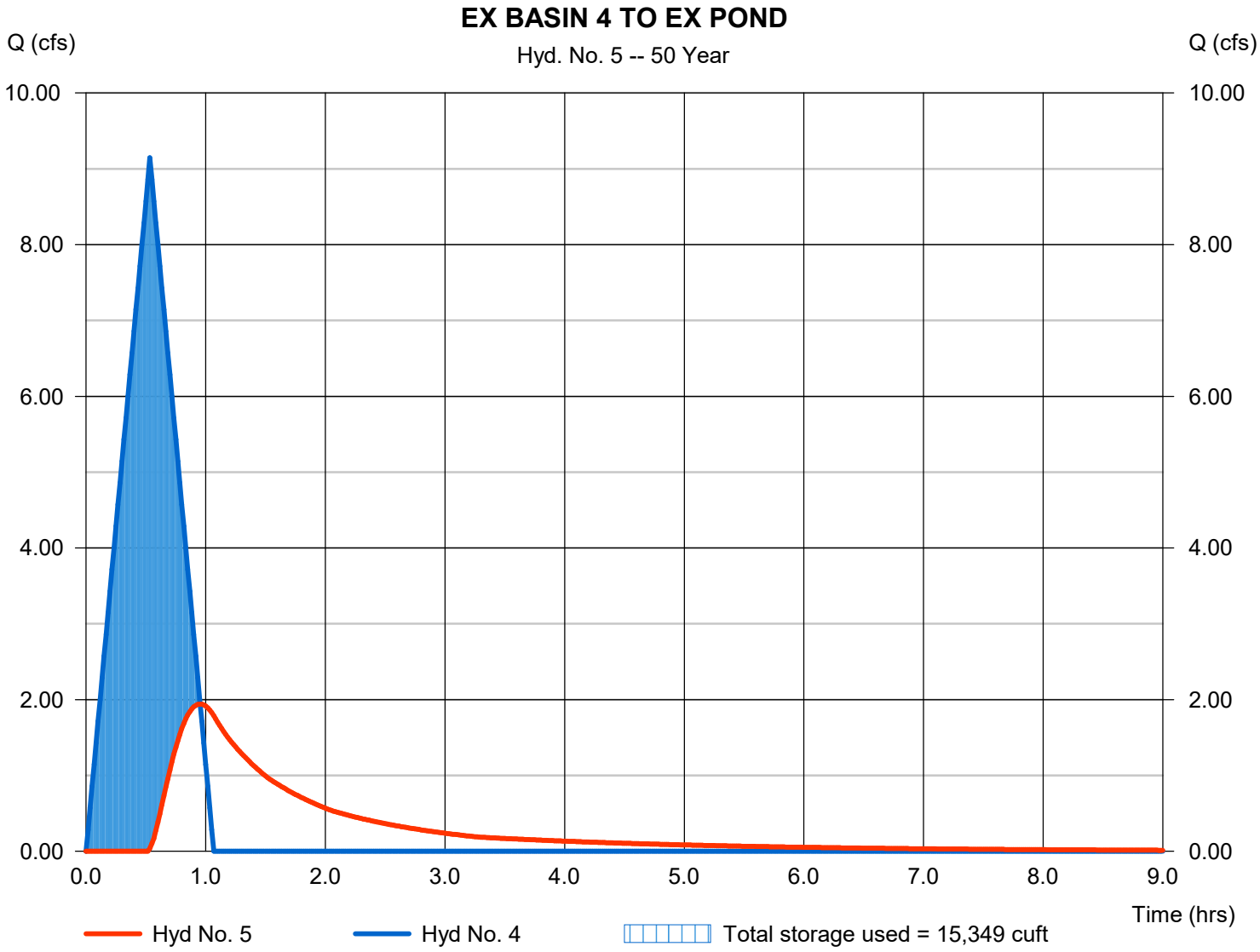
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® 2019 by Autodesk, Inc. v2020 Thursday, 03 / 18 / 2021

Hyd. No. 5

EX BASIN 4 TO EX POND

Hydrograph type	=	Reservoir	Peak discharge	=	1.942 cfs
Storm frequency	=	50 yrs	Time to peak	=	0.95 hrs
Time interval	=	1 min	Hyd. volume	=	9,042 cuft
Inflow hyd. No.	=	4 - EXISTING BASIN 4	Max. Elevation	=	7.44 ft
Reservoir name	=	EXISTING POND	Max. Storage	=	15,349 cuft

Storage Indication method used.



Hydrograph Report

Hydraflow Hydrographs Extension for Autodesk® Civil 3D® 2019 by Autodesk, Inc. v2020 Thursday, 03 / 18 / 2021

Hyd. No. 6

PROPOSED BASIN 1

Hydrograph type	=	Rational	Peak discharge	=	21.75 cfs
Storm frequency	=	50 yrs	Time to peak	=	0.27 hrs
Time interval	=	1 min	Hyd. volume	=	20,878 cuft
Drainage area	=	4.720 ac	Runoff coeff.	=	0.85
Intensity	=	5.421 in/hr	Tc by User	=	16.00 min
IDF Curve	=	218071-01 Kahului.IDF	Asc/Rec limb fact	=	1/1



Hydrograph Report

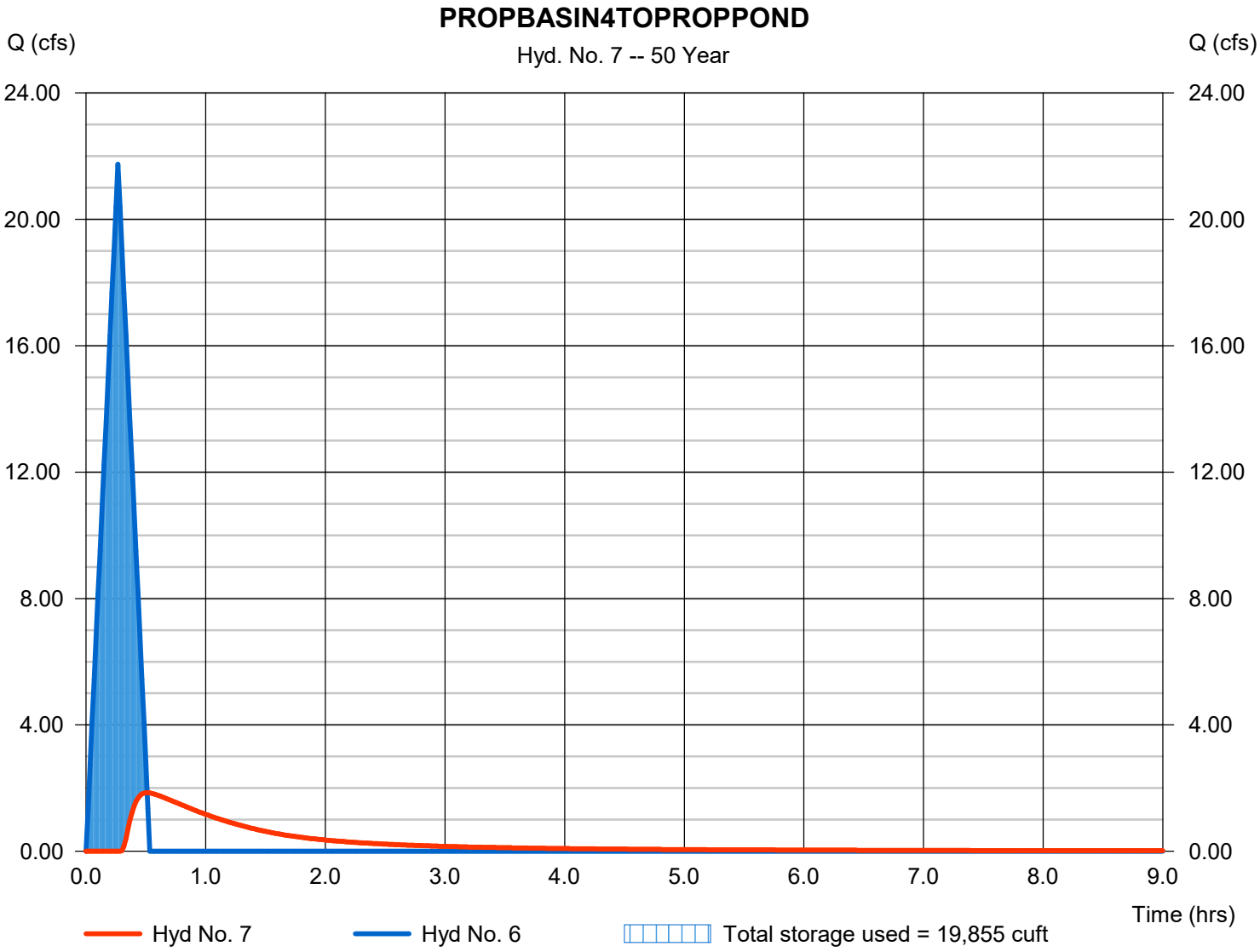
Hydraflow Hydrographs Extension for Autodesk® Civil 3D® 2019 by Autodesk, Inc. v2020 Thursday, 03 / 18 / 2021

Hyd. No. 7

PROPBASIN4TOPROPPOND

Hydrograph type	=	Reservoir	Peak discharge	=	1.855 cfs
Storm frequency	=	50 yrs	Time to peak	=	0.52 hrs
Time interval	=	1 min	Hyd. volume	=	8,408 cuft
Inflow hyd. No.	=	6 - PROPOSED BASIN 1	Max. Elevation	=	4.31 ft
Reservoir name	=	HHFDC	Max. Storage	=	19,855 cuft

Storage Indication method used.



KAHULUI CIVIC CENTER

MIXED-USE COMPLEX

PRELIMINARY ENGINEERING REPORT

April 8, 2021

Prepared By:

130 N. Market Street
Wailuku HI 96793-1716
(808) 242-8070
(808) 244-9539 fax
Email: ecm@ecm-maui.com

Electrical Engineering Consultants

130 N. Market Street • Wailuku HI 96793-1716 • (808) 242-8070 • Fax (808) 244-9539 • E-mail: ecm@ecm-maui.com

KAHULUI CIVIC CENTER MIXED USE COMPLEX
PRELIMINARY ENGINEERING REPORT

PROJECT DESCRIPTION

The project proposes a new mixed-use development in Kahului, between West Kaahumanu Avenue, Kane Street, and Vevau Street for the Hawaii Housing Finance & Development Corporation (HHFDC). The project is intended to include two multifamily complexes and a multipurpose commercial building that includes DAGS offices, Library, Adult school, and Retail on the ground floor.

EXISTING CONDITIONS

The existing power utility company infrastructure includes both overhead transmission and distribution lines on West Kaahumanu Avenue and overhead distribution lines on Kane and Vevau Streets. There are overhead electrical service drops that provide electric utility service to existing loads on site; primarily the adult education center currently serviced by electrical utility overhead lines from Vevau street. The existing remaining electrical service equipment that had previously provided service to buildings that have since been removed or condemned are not currently in use can be demolished.

The communications utility infrastructure includes existing overhead pole-mounted communication lines for telephone and CATV service located on all three streets around the property. The existing communication service on site is provided by overhead telephone and CATV service drops from Kane Street and Vevau Street to the adult education center.

PROJECT DESIGN

Hawaiian Electric Company (HECO)

For electrical service to the project, there are various options for connecting to the utility system via the overhead electrical lines from Kaahumanu Avenue, Kane Street, or Vevau Street. The recommendation would be to request three-phase service from the utility to service the loads on site. Given the size of the project, it would be recommended to provide an overhead to underground riser for each building for a primary voltage underground feeder to a pad-mount transformer and switchgear, along with any associated handholes based on the distance to the service equipment.

Easements will be required to cover handholes, ducts, switchgear, transformer pads, and any underground facilities located on private property.

When major work is performed on a private site, Maui County requires that owners pay to underground the existing overhead utility lines in front of the property. There are options to apply for an exemption or deferment of the improvement, which are outside the scope of this report. We suggest hiring a permit specialist who can work with the County to determine the best course of action moving forward.

In order to get a Cost Proposal and Estimate from HECO, a formal application will have to be filed with detailed design drawings and load demand information.

Table 1 – Estimated Project Demand Load

Unit Type	Number	MECO Estimate		NEC Estimate (kW)
		Unit kW	Total kW	
Multi-Family Units	300	5	1,500	2,000
Commercial Building - DAGS Offices, Library, Adult School, Retail	1		600	1,200
TOTAL			**1,550**	**2,280**

Hawaiian Telcom

The telephone service would be provided by Hawaiian Telcom. The existing telephone lines on the poles located on the pole lines surrounding the property should be sufficient for the telephone service to the site.

The telephone service should be also on an underground service conduit to each building, similar to the power electrical utility feeders.

Easements for any service lines will have to be worked out with Hawaiian Tel once the site requirements are developed and as the owner moves further into the design phase of the project.

Spectrum

Spectrum is the cable television provider on Maui, and can also provide telephone and internet services as well. The cable service from the existing overhead lines should be sufficient to provide any requirements on site.

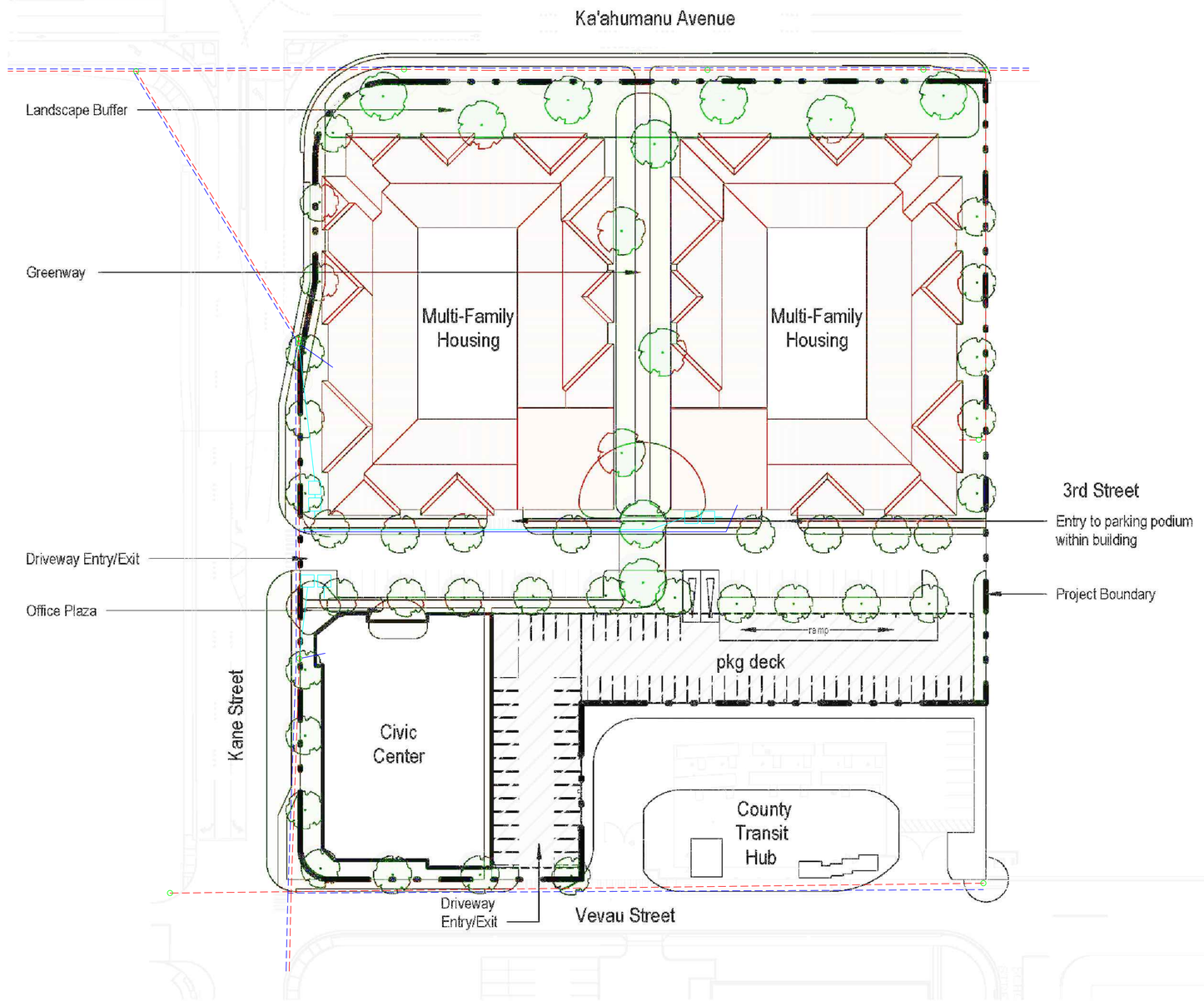
The CATV service should be provided to each building via underground conduit.

When the project requirements are detailed out in the design phase, any easements required for the project located on private property, along with vehicular access.

SITE

The project will likely require underground distribution into the site for power, telephone, and cable television service. The developer will be responsible for installing infrastructure (handholes, conduit, concrete pads for the transformer, switchgear, and communication equipment), after which the utility companies will install their cable and equipment. The infrastructure for any street lighting including conduit, handholes, and concrete light bases will be installed by the developer. Light fixtures for the private roads will be the responsibility of the contractor, whereas fixtures for the public roads will be provided by HECO to operate and maintain for the County.

All exterior lighting will have to comply with the Maui County Outdoor Lighting Ordinance, and possibly any environmental impacts including compliance with seabird requirements and other similar issues. In order to comply with the Maui County Outdoor Lighting Ordinance, all fixtures should be full-cutoff. Any road lighting will have to be coordinated with the requirements of HECO standards and the County of Maui.



SYMBOL LEGEND

EXISTING UTILITIES
- EXISTING UTILITY POLE
- EXISTING ELECTRICAL
- EXISTING COMMUNICATIONS

PROPOSED UTILITIES
- PROPOSED ELECTRICAL
- PROPOSED COMMUNICATIONS

ELECTRICAL SITE PLAN

SCALE: 1" = 40'-0"

ECM inc.
Electrical Engineering Consultants
MAUI OFFICE
130 North Market Street
Wailuku, Maui, Hi. 96793
Phone: (808)242-8070
Fax: (808)244-9539
E-mail: ecm@ecm-maui.com

MARK J. UNEMORI
LICENSED PROFESSIONAL ENGINEER
No. 13993-E
HAWAII, U.S.A.

APRIL 30, 2022
EXPIRATION DATE

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. (SUPERVISION OF CONSTRUCTION AS DEFINED UNDER SECTION 16-82-2 OF CHAPTER 82: RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND LAND SURVEYORS: STATE OF HAWAII.)

Note: Contractor shall check and verify all dimensions at job before job before proceeding with work.

REVISIONS

NO	DATE	DESCRIPTION	INI

JOB NO. 2020-92
DATE: 3/21
DRAWN BY: RMB
DESIGNED BY: MJU
CHECKED BY: MJU

ELECTRICAL PLANS FOR:
KAHULUI CIVIC CENTER EVALUATION
KAHULUI, MAUI, HAWAII
TMK: (X) X-X-XXX:XXX

SHEET NO.
SKE-1
1 OF 1 SHEETS

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2020-92

Appendix F

Phase I Environmental Site Assessment Report



Phase I Environmental Site Assessment

Project No. 1902-00081-PH1

153 West Kaahumanu Avenue
Kahului, Hawaii 96732

prepared for

G70

111 South King Street

Suite 170

Honolulu, Hawaii 96817

May 8, 2019

Prepared for:

Group 70 Design
111 Sought King Street, Suite 1700
Honolulu, Hawaii 96813

Phase I Environmental Site Assessment



153 West Kaahumanu Avenue
Kahului, Hawaii

Prepared by:

ENPRO Environmental
151 Hekili Street, Suite 210
Kailua, Hawaii 96734

808.262.0909
808.262.4449 (fax)
www.enproenvironmental.com

ENPRO Environmental Contact:

Mckenzie Brown
Environmental Technician
808.748.2116
mbrown@enproenvironmental.com

ENPRO Project Number:	1902-00081-PH1
Date of Report:	May 8, 2019
On-Site Investigation:	April 17, 2019

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PROJECT AT A GLANCE™

Assessment Component	Not Requested	Acceptable (†)	Routine Solution	Phase II ESA	Estimated Cost (‡)	Report Reference Section	
						Project Site	Adjoining Property
Historical Review		X					
Regulatory Review		X					
Operations		X					
Hazardous Materials		X					
Underground Storage Tanks		X					
Aboveground Storage Tanks		X					
Solid Waste		X					
Surface Areas		X					
Wells		(N/A)					
PCBs		X					
Asbestos	X						
Lead Based Paint	X						
Lead in Drinking Water	X						
Radon	X						
Mold	X						
Significant Data Gaps						9.2	

(†) = Based on this preliminary study, it appears that further investigation in this area is not a priority concern for this site at the present time.

(‡) = Costs depicted are for investigation/program development activities. Remediation costs, if required, will be identified as a result of investigation/program development activities

Conditions noted in the Project at a Glance™ table represent the overall conditions of the property. More specific details on assessment components may be included in the text of this report; therefore the Project at a Glance™ should not be used as a stand-alone document.

ACTION ITEMS

Based on our investigations, ENPRO has concluded that the risk of contamination at the site is so minimal that no further investigation is required.

TABLE OF CONTENTS

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1.0 EXECUTIVE SUMMARY

Group 70 International, Inc. (G70) retained ENPRO Environmental (ENPRO) to conduct a Phase I Environmental Site Assessment of the commercial property located at 153 West Ka'ahumanu Avenue, Kahului (the "project site"). The objective of this assessment was to provide an independent, professional opinion regarding *recognized environmental conditions* (RECs), as defined by the American Society for Testing and Materials (ASTM), associated with the project site.

This assessment was performed under the conditions of, and in accordance with ENPRO's Proposal Number 18E-0254-OGG dated May 10, 2018, the *ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process,* and *All Appropriate Inquiries* (AAI) which includes 40 CFR Part 312, §312.21 and §312.31. Any exceptions, additions to, or deletions from the ASTM or AAI practice, details of the work performed, sources of information, and findings are presented in the report. Limitations of the assessment are described in Sections 2.5 and 2.6.

The project site, currently owned by the State of Hawaii, is 5.572 acres.

The historical research presented in this report has established the use of the property since 1927, when the property was depicted as a public school that contained five individual structures. According to the available historical sources of information, the project site continued to be used as a school until the present date. Several structures had been constructed and demolished, except for two structures that currently remain on site.

The project site is currently occupied by McKinley Community School for Adults (MCSA) and utilized as a lawnmower baseyard. The planned short-term use of the property is to be redeveloped as part of a mixed-use project that includes affordable housing and a school facility.

1.1 FINDINGS AND CONCLUSIONS

ASTM E-1527-13 defines three categories of *recognized environmental conditions (RECs)* which may impact the project site.

- A REC is defined as the presence or likely presence of any hazardous substance or petroleum product in, on, or at the property: 1) due to any release to the environment, 2) under conditions indicative of a release to the environment, or 3) under conditions that pose a material threat of a future release to the environment

- Historical RECs (H-RECs) are defined as a past release of any hazardous substance or petroleum product that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authorities or meeting *unrestricted* use criteria established by a regulatory authority, without subjecting the property to any required controls

- Controlled RECs (C-RECs) are defined as a REC resulting from a past release that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place, subject to the implementation of required controls, such as property use restrictions, activity and use limitations (AULs), institutional controls, or engineering controls

Additionally, ASTM E-1527-13 allows for the identification of *de minimis conditions*. A *de minimis condition* is defined as a condition that generally does not represent a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies.

We have performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E 1527-13 of 153 West Kaahumanu Avenue, Kahului, Hawaii, the *property*. Any exceptions to, or deletions from, this practice are described in Section 2.6 of this *report*.

This assessment has revealed no evidence of *recognized environmental conditions (RECs)* in connection with the *property*.

The following *de minimis conditions* were identified at the project site:

- *De minimis* petroleum staining on the pavement in the lawnmower baseyard beneath and adjacent to the lawnmowers.

Recommendations for additional actions regarding the above *de minimis conditions* are listed in Section 9.1.

The following environmental conditions, which are not considered *recognized environmental conditions,* as defined by ASTM, were observed during the assessment:

- Suspect asbestos containing building materials

- Suspect lead containing paint

- Termiticide application

1.2 CONTINUED VIABILITY STATEMENT

An Environmental Site Assessment meeting or exceeding the requirements of ASTM E 1527-13 and completed less than 180 days prior to the date of acquisition of the property, or (for transactions not involving an acquisition) the date of the intended transaction, is presumed to be valid. The period of validity may be extended to one year from the date of the investigation, provided that the following components of the inquiries are conducted or updated within 180 days of the date of purchase or the date of the intended transaction:

(i) *Interviews* with *owners*, *operators*, and *occupants*;

(ii) Searches for recorded environmental cleanup liens;

(iii) Reviews of federal, tribal, state, and local government records;

(iv) Visual inspections of the *property* and of *adjoining properties*; and

(v) The declaration by the *environmental professional* responsible for the assessment or update

2.0 INTRODUCTION

G70 (the Client) retained ENPRO to conduct a Phase I Environmental Site Assessment of the commercial property at 153 West Ka'ahumanu Avenue, Kahului, Hawaii, (the "project site").

2.1 LOCATION AND LEGAL DESCRIPTION

The project site, located at 153 West Ka'ahumanu Avenue, Kahului, Hawaii, is in a mixed-use commercial/residential setting (Figures 1 and 2). The longitude and latitude for the project site address are in Table 1.

The project site is further described by the County of Maui. Real Property Tax Office as Tax Map Key (2) 3-7-004: 003. It is located in an area zoned "B-2".

Table 1

Location and Legal Description of Project Site

Location Description	Project Site
Address	153 West Ka'ahumanu Avenue, Kahului, Hawaii
TMK	(2) 3-7-004: 003
Latitude (North)	20° 53' 19.3''
Longitude (West)	-156° 28' 18.6''
Elevation	Less than 10 feet above sea level
Distance and Direction to Surface Waters	Pacific Ocean, approximately 620 feet to the north of the property

2.2 SITE AND VICINITY GENERAL CHARACTERISTICS

The project site is located near the north shore of the island of Maui. The project site included one rectangular parcel totaling approximately 5.6 acres. On-site structures were constructed over approximately 10 percent of the project site. Primary access to the site was from Kane Street, to the east of the project site.

2.3 PURPOSE

The objective of this environmental site assessment is to provide an independent, professional opinion regarding recognized environmental conditions, as defined by the American Society for Testing and Materials (*ASTM, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation: E 1527-13*), associated with the project site. The term *recognized environmental condition* is defined as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property; 1) due to any release to the environment, 2) under conditions indicative of a release to the environment, or 3) under conditions that pose a material threat of a future release. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. A condition determined to be *de minimis* is not a *recognized environmental condition*.

Recognized environmental conditions (RECs) which have been subject to previous investigation to delineate the extent of contamination and/or have been subject to remediation may be further classified as *historical RECs (H-RECs)* or *controlled RECs (C-RECs)*, in accordance with *ASTM, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation: E 1527-13*, if they meet the following requirements:

- *H-RECs* are defined as a past release of any hazardous substance or petroleum product that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authorities or meeting *unrestricted* use criteria established by a regulatory authority, without subjecting the property to any required controls

- *C-RECs* are defined as a *REC* resulting from a past release that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place, subject to the implementation of required controls, such as property use

restrictions, activity and use limitations (AULs), institutional controls, or engineering controls

2.4 DETAILED SCOPE OF SERVICES

This assessment was performed under the conditions of, and in accordance with ENPRO's Proposal Number 18E-0254-OGG dated May 10, 2018, and in accordance with the *ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process,* and *All Appropriate Inquiries* (AAI) which includes 40 CFR Part 312, §312.21 and §312.31. The scope of services in conducting this assessment included:

Records Review

- A review of environmental records, including regulatory agency reports, permits, registrations, and consultant's reports for evidence of *recognized environmental conditions* available from the property owner or site contact.
- An investigation of historical use of the project site by examining locally available aerial photographs, fire insurance maps, property tax files, recorded land title records, USGS topographical maps, building department records, zoning/land use records and/or other readily available historical information for evidence of prior land use that could have led to *recognized environmental conditions*.
- A review of an environmental database search report of federal and state regulatory agency records pertinent to the project site and offsite facilities located within ASTM-specified search distances from the project site.
- A review of regulatory agency files and records if the property, or any of the adjoining properties, is identified on one or more of the standard environmental record sources in the database search, to determine if a *REC, H-REC, C-REC,* or *de minimis* condition exists at the property in connection with the listing.
- A review of readily available information describing the general geology and topography of the project site, local groundwater characteristics, sources of water, power and sewer, and proximity to ecologically sensitive receptors that may be impacted by *recognized environmental conditions.*
- A review of title and judicial records for environmental liens and activity and use limitations (AULs) on behalf of the user, to meet the requirements of 40 CFR 312.20 and 312.25.

Site Reconnaissance

- A site walkthrough inspection of the property for visible evidence of *recognized environmental conditions* including existing or potential soil and groundwater contamination, as evidenced by staining or discoloration; stressed vegetation; indications of waste dumping or burial; pits, ponds or lagoons; containers of hazardous substances or petroleum products; electrical and hydraulic equipment that may contain polychlorinated biphenyls (PCBs), such as transformers or lifts; and underground and aboveground storage tanks.
- A site property line visual assessment of adjacent properties for evidence of potential offsite *recognized environmental conditions* that may affect the project site.

Interviews

- Interviews with available key site personnel regarding current and previous site activities on the property, especially those involving the use of hazardous substances and petroleum products. Required interviews shall include the following persons:
  - The User, defined as the party seeking to use Practice E 1527-13 to complete an environmental assessment of the property. A User has specific obligations for completing a successful application of this practice.
  - The property owner
  - A key site manager, who shall be identified by the owner, *prior to the site visit,* as a person with good knowledge of the uses and physical characteristics of the property (for example, a property manager, chief physical plant supervisor, or head maintenance person).
  - Occupants
  - Past users, when available
  - Neighbors, where the property is abandoned and the *environmental professional* determines there is evidence of potential unauthorized uses of the property.

  Interviews are summarized in Section 8 of this report. Completed property questionnaires are presented in the Appendix.

2.5 SIGNIFICANT ASSUMPTIONS

ENPRO, in part, has relied on information supplied by the Client or the Client's agent(s), listed in Section 8.0, and assumes such information to be factual.

The commercial regulatory database search report, summarizing federal and state regulatory agency records, is provided by a contracted data research firm. The information provided is assumed to be correct unless otherwise noted.

Unless otherwise discovered during review, all other sources of information, whether verbal or written, are assumed to be factual.

2.6 LIMITATIONS AND EXCEPTIONS

Most areas of the property were available for inspection with the following exceptions:

- Roof of main building occupied by MCSA and lawnmower baseyard
- The interior of the condemned building to the northeast of the main building
- Most of southeast portion of the parcel due to dense vegetation

No opinion regarding environmental conditions in areas that were not inspected can be formed.

As a matter of necessity, ENPRO relies largely on readily available sources of information such as the Client, public records, interviews, and contracted research firms for recognizing potential environmental liabilities at a project site/facility. Requests for information resources are made to collect relevant data on current and past practices conducted at the project site/facility. ENPRO may not receive all information requested or be able to confirm received information during the course of the environmental site assessment. Therefore, ENPRO shall not be held responsible for errors, omissions, or misrepresentations resulting from missing documentation or from inaccurate information provided by such sources.

2.7 SPECIAL TERMS AND CONDITIONS

This Phase 1 Environmental Site Assessment did not include any special terms or conditions.

3.0 USER PROVIDED INFORMATION

Per ASTM, the "User" is the party seeking to use Practice ASTM E 1527-13 to perform an environmental site assessment of the property. A user may include a purchaser, a potential tenant, an owner, a lender or a property manager, all associated with the property. According to ASTM, "the user has specific obligations for completing a successful application of this practice." A Property Questionnaire was completed by Mr. Jeffery Overton, Project Consultant, on behalf of the User (G70). A copy of the completed Property Questionnaire is included in the appendix section of this report. Additional User provided information is detailed in Section 6.3.

3.1 ENVIRONMENTAL CLEANUP LIENS AND ACTIVITY AND USE LIMITATIONS (AUL) REVIEW

On behalf of the User, ENPRO reviewed the State of Hawaii, Bureau of Conveyances official land records database for any environmental liens or AULs associated with the Property. No records related to environmental liens or AULs were identified in the database.

3.2 SPECIALIZED KNOWLEDGE

Mr. Overton, did not report any specialized knowledge of any *recognized environmental conditions* in connection with the property.

3.3 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

No commonly known areas of environmental concern were noted in the vicinity of the project site, except for a Shell gas station adjacent to the east of the property.

3.4 VALUATION REDUCTION FOR ENVIRONMENTAL IMPAIRMENT

Mr. Overton did not provide information on any reduction of valuation due to environmental impairment.

3.5 OBVIOUS INDICATORS OF PRESENCE OR LIKELY PRESENCE OF CONTAMINATION AT THE PROPERTY

The client Mr. Overton stated that there were no obvious indicators that point to the presence or likely presence of contamination at the property.

3.6 REASONS FOR PERFORMING PHASE I ENVIRONMENTAL SITE ASSESSMENT

The client did not make known to ENPRO the reason for conducting a Phase I Environmental Site Assessment.

4.0 RECORDS REVIEW

This section presents a review of physical setting sources, standard and additional environmental records sources, and historical use information on the property and surrounding area.

4.1 PHYSICAL SETTING SOURCES

4.1.1 TOPOGRAPHY

Review of the topographic map published by the U.S. Geological Survey (2017) indicated the following:

The project site was located south of Kahului Bay, on the northern central area of the island of Maui. The project site elevation was less than ten feet above the mean sea level.

The project site region was coded in white omission tint indicating high-density urban classification.

The project site region was topographically flat. The nearest body of water was Kahului Bay, which was approximately 620 feet to the north boundary of the project site. The project site is not within 150 meters of a surface water body.

4.1.2 SOILS

A review of the soil type of the area was performed. The soil survey of the island of Maui is published by the USDA Natural Resources Conservation Service in cooperation with the United States Department of Agriculture (USDA) Soil Conservation Service and University of Hawaii Agricultural Experiment Station. USDA soil survey data is available at http://websoilsurvey.nrcs.usda.gov/app/ and was accessed on March 6, 2019. The following information is pertinent to the project site:

The project site was situated on soil classified as Fill Land (Fd) and Puuone Sand (PZUE).

Fill Land 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 occurs adjacent to the ocean.

Due to the heterogeneous nature of this material, physical parameters such as permeability, porosity and corrosivity cannot be accurately estimated.

Fill Land soils are used for urban development including airports, housing areas, and industrial facilities.

Puuone Sand are derived from coral and seashells, and are used from pasture and homesites. The natural vegetation consists of bermudagrass, Kiawe, and lantana.

Permeability for Puuone Sand is described as high (between 6.3 and 20.0 inches per hour). The soil is described as having a low corrosivity for uncoated steel and concrete.

4.1.3 GEOLOGY/HYDROGEOLOGY

Groundwater beneath the project site occurs in two distinct aquifers within the Kahului Aquifer System of the Maui Aquifer Sector. The shallow aquifer is classified as a basal, unconfined, sedimentary aquifer, occurring in non-volcanic lithology. The groundwater status is reported as currently used, but not for drinking water, and it is considered to be ecologically important. The salinity of the groundwater within this aquifer is described as low (250-1000 milligrams per liter Cl^-). The groundwater is further described as irreplaceable, with a high vulnerability to contamination (Mink and Lau, 1990).

The deeper aquifer is classified as a basal, confined, flank aquifer, occurring in horizontally extensive lavas. The groundwater status is reported as currently used, but not for drinking water, and it is considered to be ecologically important. The salinity of the groundwater within this aquifer is described as low (250-1000 milligrams per liter Cl^-). The groundwater is further described as irreplaceable, with a moderate vulnerability to contamination (Mink and Lau, 1990).

The hydrogeologic gradient in the vicinity of the project site is anticipated to be slight, with a general trend to the north. Groundwater levels may be influenced by leaking infrastructure and tidal fluctuation.

5.0 HISTORICAL RECORDS REVIEW

According to *ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process,* the historical search of the property must cover a period of time back to the property's first developed use, or back to 1940, whichever is earlier.

As part of this assessment, ENPRO reviewed several historical sources of information, including aerial photographs, fire insurance maps, USGS topographic maps, building department records, chain of title documents, property tax records and zoning/land use records. On the earliest reference depicting the project site, the 1927 Sanborn map, the property was depicted as a public school that contained five individual structures. According to the available historical sources of information, the project site continued to be used as a school until the present date. Several structures had been constructed and demolished, except for two structures that currently remain on site.

5.1 TITLE RECORDS

Readily available records at the County of Maui Tax Assessor's Office were reviewed to assess past ownership of the project site. Significant ownership transactions are summarized below:

Table 2

Summary of Title Information

Tax Map Key	Date	Property Transaction
(2) 3-7-004: 003	1955	Owned by Territory of Hawaii (Kahului School)
(2) 3-7-004: 003	1963	Owned by State of Hawaii (Kahului School)
(2) 3-7-004: 003	1973	Reversionary permit to Maui Economic Opportunity Inc. Rented to operate a farmer's booth
(2) 3-7-004: 003	04/07/94	Release of Reversionary Interest from A&B Hawaii Inc. to the State of Hawaii

No readily apparent evidence of *recognized environmental conditions* that are expected to impact the project site was noted in the ownership records reviewed.

Copies of the title records reviewed for this project are provided in the appendix.

5.2 HISTORICAL USE INFORMATION ON THE PROPERTY

5.2.1 HISTORICAL SANBORN MAPS

Sanborn fire insurance map coverage of Maui included the project site and several historical maps were reviewed.

The earliest edition Sanborn map available for this project was for the year 1914. The map did not include the project site.

The 1927 Sanborn map appeared to depict the project site as a public school containing five individual structures.

The 1945 Sanborn map depicted "Kakului Public School" on the northeast portion and "Maui Vocational School" on the southwest portion. There were at least fourteen structures associated with the schools including a carpenter shop, a storage and welding facility, two restrooms or water closets, an office building, and other structures with illegible labels.

The 1975 Sanborn map still depicted the project site as a school with several associated structures, however, it was then labeled as used by Lihikai School. Most of the structures had illegible designations.

The 1980 Sanborn map was similar to the 1975 map.

The 1990 Sanborn map was similar to the previous maps, except that the property was depicted as used by Maui Economic Opportunity Inc., and the main school building was vacant.

No evidence of recognized environmental conditions at the project site were identified in the historic fire insurance maps reviewed. Copies of the Sanborn maps reviewed for this project are provided in the appendix section of this report.

5.2.2 HISTORICAL TOPOGRAPHIC MAPS

The following topographic maps were reviewed as part of this assessment:

- A 1955 topographic map. The scale of this map was one-inch equals 2,000 feet. On this map the project site was depicted just south of Kahului Harbor. Eleven structures, including a school building, were depicted at the project site.

- A 1983 topographic map. The scale of this map was one-inch equals 2,000 feet. On this map, six unlabeled structures were depicted on the project site.
- A 1997 topographic map. The scale of this map was one-inch equals 2,000 feet. On this map, three unlabeled structures were depicted on the southwest portion of the project site.
- A 2013 and 2017 topographic maps. The scale of these maps was one-inch equals 2,000 feet. On these maps, no individual structures were depicted on the project site.

Copies of the historic topographic maps reviewed for this project are provided in the appendix section of this report.

5.2.3 HISTORICAL AERIAL PHOTOGRAPHS

The following aerial photographs were reviewed as part of this assessment:

- Envirosite, dated 1950. The scale of this photograph was approximately one-inch equals 500 feet. The project site appeared to be developed with several buildings, similar to what was depicted in the Sanborn and topographic maps of similar vintage. Details of the project site were obscured by poor photographic resolution.
- Envirosite, dated 1974, 1976, and 1992. The scale of these photographs was approximately one-inch equals 1,000 feet. There appeared to be a reduced number of buildings on the property. Details of the project site were obscured by poor photographic.
- Envirosite, dated 2000. The scale of this photograph was approximately one-inch equals 500 feet. There appeared to be several objects on property. Details of the project site were obscured by poor photographic.

5.3 HISTORICAL USE INFORMATION ON ADJOINING PROPERTIES

5.3.1 HISTORICAL SANBORN MAPS

The following Sanborn maps were reviewed as part of this assessment:

The 1914 Sanborn map included the properties to the east of the project site, which were mostly undeveloped, except for a few dwellings.

The 1927 Sanborn maps included the properties to the east and to the southwest of the project site. The properties to the east were depicted as dwellings, except for a structure

on School Avenue, which label was illegible. The property to the southwest consisted of a pineapple cannery/can factory operated by California Packing Corporation and "American Can Co's Can Factory". Railroads were depicted along the north and east boundaries of the pineapple cannery/can factory.

The 1945 Sanborn maps were similar to the 1927 maps, including the properties to the east and to the southwest of the project site. The properties to the east were depicted as dwellings. The property to the southwest consisted of a pineapple cannery/can factory operated by Maui Pineapple Company Limited and "American Can Co's Can Factory". Railroads were depicted along the north and east boundaries of the pineapple cannery/can factory.

The 1975 Sanborn maps included the properties to the east, west and southwest of the project site. The dwellings on the parcels to the east were replaced with a structure labeled as "gas & oil". The property to the southwest continued labeled as pineapple cannery/can factory. Railroads were no longer depicted along the north and east boundaries of the pineapple cannery/can factory. Kaahumanu Mall was depicted to the west.

The 1980 and 1990 Sanborn maps were similar to the 1975 map.

5.3.2 HISTORICAL TOPOGRAPHIC MAPS

The following topographic maps were reviewed as part of this assessment:

- A 1955 topographic map. The scale of this map was one-inch equals 2,000 feet. The area around the project site was shaded in pink omission tint indicating high-density urban development. To the north of the project site was a railroad in Ka'ahumanu Avenue. The region to the west of the project site was shaded in green omission tint indicating vegetated area, except for a large structure to the southwest, which was similar to the structure depicted on the Sanborn maps of similar vintage.
- The 1983 topographic map was similar to the 1955 topographic map, except that the area region to the west of the project site was no longer shaded in green omission tint, and a new structure was added to the west side of the property.
- A 1997 topographic map. The scale of this map was one-inch equals 2,000 feet. On this map the area surrounding the project site is shaded in gray omission tint, indicating high-density urban development.
- A 2013 and 2017 topographic maps. The scale of these maps was one-inch equal 2,000 feet. On these maps, the area surrounding the project site was shaded in white, indicating no vegetated area.

Copies of the historic topographic maps reviewed for this project are provided in the appendix section of this report.

5.3.3 HISTORICAL AERIAL PHOTOGRAPHS

The following aerial photographs were reviewed as part of this assessment:

- Envirosite, dated 1950. The scale of this photograph was approximately one-inch equals 500 feet. The surrounding area had larger trees and depicted structures within the tree line. To the southwest of the project site there was a structure, similar to the structure depicted on the Sanborn and topographic maps of similar vintage. Details of the project site region were obscured by poor photographic resolution.
- Envirosite, dated 1974, 1976, and 1992. The scale of this photograph was approximately one-inch equals 1,000 feet. There appeared to be more structures being developed around the property. Details of the project site region were obscured by poor photographic.
- Envirosite, dated 2000. The scale of this photograph was approximately one-inch equals 500 feet. There appeared to be no vegetation around the property, for all of it appeared to be developed. Details of the project site region were obscured by poor photographic.

5.4 PREVIOUS ENVIRONMENTAL REPORTS

No previous environmental reports were available for review.

6.0 REGULATORY DATABASE REVIEW

6.1 STANDARD ENVIRONMENTAL RECORD RESOURCES: FEDERAL, STATE AND LOCAL DATABASE SEARCH

The regulatory database search report prepared by Envirosite Corporation (Envirosite) was reviewed to evaluate the project site and listed properties within ASTM-recommended search distances. Federal, state and local databases reviewed are included in the Appendix section of this report.

Project site

The project site was not listed in the Envirosite regulatory database search report.

Adjacent and Nearby Properties

The Envirosite regulatory database search report identified a total of sixty-six sites within the ASTM minimum search distances from the project site.

Most of the listed sites are not expected to present an environmental concern to the project site because, based upon ENPRO's review:

1. They only hold an operating permit (which does not imply a problem) or,
2. They were identified for past regulatory requirements that require no future action or,
3. They are too distant and/or hydrogeologically down gradient or cross gradient relative to the project site.

The Envirosite regulatory database search report identified twenty-two "orphan" sites within the ASTM minimum search distances from the project site. Based on our review of the orphan sites listed, it is ENPRO's opinion that none of the orphan sites are close enough to the project site to constitute a recognized *environmental condition* expected to impact the property.

6.2 ADDITIONAL ENVIRONMENTAL RECORD RESOURCES: STATE AND LOCAL AGENCY ENVIRONMENTAL RECORD SOURCES

Based on ENPRO's review of the Envirosite regulatory database search report, regulatory files from the State of Hawaii Department of Health (DOH) were requested and reviewed. Our review considers both proximity to the project site and local hydrogeologic conditions to identify which sites and which environmental violations may be interpreted to have a potential impact to the project site's environmental conditions.

ENPRO additionally requested information on the project site from the County of Maui Fire Department and reviewed documents from the Maui Department of Planning and Permitting.

6.2.1 DEPARTMENT OF HEALTH, SOLID AND HAZARDOUS WASTE BRANCH

Based on our review of the Envirosite regulatory database search report, we requested the following regulatory files from the State of Hawaii Department of Health (DOH), Solid and Hazardous Waste Branch (SHWB):

- 153 W. Kaahumanu Street (the project site)
- Former Pesticide Disposal Project, 28-10 Beach Road
- Ilima Shell, 137 Kaahumanu Avenue, **Facility ID 9-501005**
- Maui Palms Hotel, 150 Kaahumanu Avenue
- JR Doran Inc, DBA Ceramic Tiles Plus, 25 South Kahului Beach Road
- Port Town Chevron, 109 Kaahumanu Avenue, **Facility ID 9-501888**
- Maui Pineapple Co., 106 South Kane Street

The Underground Storage Tank (UST) Section provided the following:

1) **Maui Pineapple Company, 120 Kane Street, Facility ID 9-501832**

Several documents were available for this facility in the regulatory records. Seven USTs were listed for the facility as follows:

- Two, 7,000-gallon diesel USTs, installed in 1946, removed in 1990
- One, 50,000-gallon fuel oil #6 UST, installed in 1926, removed in 2010
- One, 500/1,000-gallon gasoline UST, installed in 1956, removed in 1995
- One, 2000-gallon used oil UST, installed in 1971, removed in 1994

- Two, 500-gallon kerosene UST, installed in 1971, removed in 1991

According to the documents, a release from the two 7,000-gallon diesel USTs was discovered in December 1989. The USTs were located on the northeast side of the facility, approximately 50 feet west of Kane Street. In 1990, the USTs were removed and approximately 400 cubic yards of diesel impacted soil were excavated. During removal of the USTs, free product was observed on the groundwater surface within the excavation. Additional soil and groundwater investigations and free product recovery were conducted until 2007, when the facility received a no further action (NFA) designation from the DOH SHWB (October 16, 2007), although free product was still being detected in two groundwater monitoring wells within the facility.

Records from the HEER Office indicated further evaluation of this facility, which received an NFA designation with institutional controls from the HEER Office on June 12, 2013 for the 50,000-gallon fuel oil #6 UST, and the two 7,000-gallon diesel USTs.

It is ENPRO's opinion that this site does not represent a *recognized environmental condition* that is expected to affect the project site because it is sufficiently distant from the project site.

2) Ilima Shell, 137 Kaahumanu Avenue

Several documents were available for this facility in the regulatory records. Ten USTs were listed for the facility as follows:

- Two, 7,000-gallon diesel USTs, installed in 1946, removed in 1990
- One, 550-gallon used oil UST, installed in 1958, removed in 1998
- Three, 4,000-gallon gasoline UST, installed in 1963, removed in 1998
- One, 4,000-gallon gasoline UST, installed in 1974, removed in 1998
- One, 6,000-gallon gasoline UST, installed in 1978, removed in 1998
- One, 15,000-gallon gasoline UST, installed in 1998, currently in use
- One, 12,000-gallon gasoline UST, installed in 1998, currently in use

According to the documents, a release was discovered in February 1998 during a limited subsurface investigation conducted in preparation for the replacement of USTs. This limited investigation indicated the presence of ethylbenzene in one discrete soil sample collected at the facility. In April 1998,

during the removal of six USTs, petroleum impacted soil and groundwater were identified. Visually impacted soil was removed and confirmation soil samples were collected. One discrete soil sample collected from the gasoline UST excavation was determined to contain benzene, toluene, ethylbenzene, and xylenes (BTEX) at concentrations greater than the DOH Environmental Action Levels (EALs).

Subsequent soil samples collected around the former USTs locations did not identify the presence of contaminants at concentrations equal to or greater than the applicable DOH EALs. However, toluene and ethylbenzene were reported in the groundwater at concentrations greater than the applicable DOH EALs. Several quarterly release response reports were prepared between 2001 and 2003 until no petroleum-related contaminants were detected in the groundwater at concentrations equal to or greater than the applicable DOH EALs. The DOH issued a NFA letter for the release on September 15, 2003.

It is ENPRO's opinion that the former USTs and identified release at this facility do not represent a *recognized environmental condition* that is expected to have affected the project site because the leaking USTs were removed, and the identified release has been addressed to the satisfaction of the regulatory authority. However, the facility continues to operate fuel USTs which could negatively impact the project site in the event of a future release.

3) Chevron Facility, 109 Kaahumanu Avenue, Facility ID: 9-501888

Several documents were available for this facility in the regulatory records. Ten USTs were listed for the facility as follows:

- One, 5,000-gallon gasoline USTs, installed in 1955, removed in 1987
- Two, 2,000-gallon gasoline USTs, installed in 1955, removed in 1987
- One, 1,000-gallon used oil UST, installed in 1955, removed in 1987
- One, 2,000-gallon empty UST, installed in 1955, removed in 1987
- One, 6,000-gallon gasoline UST, installed in 1979, removed in 1987
- One, 1,000-gallon used oil UST, installed in 1987, removed in 1993
- Three, 10,000-gallon gasoline USTs, installed in 1987, currently in use

A release was discovered in 1987 during the installation of the three, 10,000-gallon gasoline USTs. The release impacted soil and groundwater beneath the facility. Various assessments and remedial activities occurred following the release discovery. The DOH issued a conditional NFA designation for the release on January 30, 2015.

It is ENPRO's opinion that this facility does not represent a *recognized environmental condition* that is expected to affect the project site because it is our interpretation that it is located hydrogeologically cross-gradient and sufficiently distant from the project site.

4) Maui Palms Hotel, Facility ID: 9-503292

Two 1,000-gallon USTs, installed in 1954, used to store diesel fuel for heating purposes were identified in the regulatory records. The tanks were removed in 1997. A site assessment was completed and a release was identified. Since these USTs are not regulated by the DOH SHWB, this case was transferred to the HEER Office. See further details below, under HEER office records.

It is ENPRO's opinion that this facility does not represent a *recognized environmental condition* that is expected to affect the project site because it is our interpretation that it is located hydrogeologically down-gradient and sufficiently distant from the project site.

The SHWB Hazardous Waste Section provided the following:

1) Ilima Shell, 137 Kaahumanu Avenue

One *hazardous waste management site visit* form, dated January 17, 1996 was available for this facility, which was listed as a Conditionally Exempt Small Quantity Generator (CESQG). No violations were discovered noted in the form.

Based on the hazardous waste files available for our review, no evidence of a *recognized environmental condition* that is expected to affect the project site was discovered because no records of violations were identified. However, based on UST files (summarized above) the facility continues to operate fuel USTs which could negatively impact the project site in the event of a future release.

The SHWB Solid Waste Section:

The Solid Waste Section of the DOH SHWB did not have any files for any of the locations requested.

The HEER Office provided the following:

1) **Chevron Facility, 190 Kaahumanu Avenue**

State of Hawaii Chemical Inventory Forms (Tier II), dated 1994, 1996, 1997 and 1999, listed the presence of unleaded, premium, and supreme gasoline at the facility. No records of spills and/or releases on this facility were documented.

It is ENPRO's opinion that this facility does not represent a *recognized environmental condition* that is expected to affect the project site because it is our interpretation that it is located hydrogeologically cross-gradient and sufficiently distant from the project site.

2) **Ilima Shell, 137 Kaahumanu Avenue**

State of Hawaii Chemical Inventory Forms (Tier II), dated 1988 to 1998, listed the presence of gasoline USTs at the facility. No records of spills and/or releases on this facility were documented.

Based on the HEER Office files available for review, no evidence *recognized environmental condition* that is expected to affect the project site was discovered because no records of spills and/or releases were identified. However, based on UST files (summarized above) the facility continues to operate fuel USTs which could negatively impact the project site in the event of a future release.

2) **Maui Palms Hotel**

Two 1,000-gallon USTs, installed in 1954, used to store diesel fuel for heating purposes were identified in the regulatory records. The tanks were removed in 1997. A site assessment was completed and a release was identified. Nine discrete confirmation soils samples were collected from the excavation and analyzed for total petroleum hydrocarbons (TPH) as diesel and polycyclic aromatic hydrocarbons (PAHs). TPH as diesel was detected in five samples at concentrations up to 3,732 ppm, which was reported to be below a DOH EAL of 5,000 ppm (note that the current applicable DOH EAL for TPH as diesel is 500 ppm). The HEER Office issued an NFA letter for the USTs on December 10, 1999.

It is ENPRO's opinion that this facility does not represent a *recognized environmental condition* that is expected to affect the project site because it is our interpretation that it is located hydrogeologically down-gradient and sufficiently distant from the project site.

3) Maui Pineapple Co. Ltd., Kane Street

Several documents were available for this facility in the regulatory records. The documents indicated the former presence of numerous fuel USTs. Releases were identified and addressed to the satisfaction of the applicable regulatory authorities. A conditional NFA was issued by the HEER Office, dated June 12, 2013. Conditions of the NFA included engineering and institutional controls, to address certain contaminants that were allowed to remain in place. The NFA letter included the following:

- "This NFA letter addresses only the areas of the former underground storage tanks. Based on a review of the site documents, the HEER Office has determined that with the implementation of conditions described below and in the EHMP (i.e. the specified engineering and institutional controls), No Furth Action is required at this portion of Lot F-2 for soil or groundwater contamination concerns."

- "The former UST sites addressed were part of the former pineapple cannery owned by Maui Land and Pineapple, which operated as a pineapple canning and distribution facility for more than 80 years. Over time, the soils and groundwater in the vicinity of the USTs were impacted by contaminates that had leaked from the USTs, including petroleum hydrocarbons and TCE in soils near the former 50,000-gallon UST, petroleum hydrocarbons in soil near the former (two) 7,000-gallon USTs, and petroleum hydrocarbons in groundwater about 15-17 feet below both former UST areas. As part of the site response actions, the USTs were removed, contaminated soils were excavated to the extent practical and disposed in an off-site landfill, and free product removal from groundwater was conducted. However, contamination remains on site where it was not be completely removed from soil or groundwater. Remaining contaminated soils are more than 5-10 feet below clean fill soils where excavation occurred or under existing cement or asphalt."

Contaminated groundwater remaining on site occurs at about 15-17 feet below the ground surface. The site is currently zoned for industrial use.

It is ENPRO's opinion that this site does not represent a *recognized environmental condition* that is expected to affect the project site because it is sufficiently distant from the project site.

6.2.2 BUILDING, PLANNING, AND/OR ZONING DEPARTMENTS

The County of Maui Property Assessment Division database was reviewed on April 25, 2019 to obtain historical use information for the project site. Based on our review of the planning and permitting database, evidence of *recognized environmental conditions* associated with the project site was not discovered.

A copy of the records for the project site can be found in the appendix section of this report.

6.2.3 FIRE DEPARTMENT

The County of Maui Department of Fire and Public Safety, Fire Prevention Bureau was contacted on February 21, 2019 to obtain information regarding any fires, complaints, permits, violations involving hazardous materials use, USTs or ASTs on record for the project site and/or adjoining properties.

On February 22, 2019 ENPRO received a response from the Fire Prevention Bureau indicating that a fire incident associated with an electrical meter on site occurred on February 17, 2013. Electrical meters do not contain PCBs, therefore, we do not suspect PCBs would have been released during the fire in 2013.

It is our opinion that the response from the County of Maui Department of Fire and Public Safety, Fire Prevention Bureau did not present evidence of *recognized environmental conditions* associated with the project site.

6.3 VAPOR ENCROACHMENT SCREENING IN PROPERTY INVOLVED IN REAL ESTATE TRANSACTIONS

The Envirosite Regulatory Search Report provided an initial search of all standard government record databases and Envirosite proprietary historical records within the ASTM E 1527-13 recommended radii. ENPRO reviewed those sites related to former dry cleaners, gas stations and manufactured gas plants which met the ASTM E 2600 criteria for vapor encroachment screening (VES).

ENPRO reviewed the regulatory database search of those sites for recorded releases of chemicals of concern (COC) within the 1/3 mile and 1/10-mile approximate minimum distances defined in ASTM E 2600-10 for vapor encroachment from COC-contaminated sites. This measurement is based upon the distance from the known or suspect contaminated property to the target property boundary. ENPRO's review of Envirosite database search for potential vapor encroachment conditions (VECs) takes into account the following factors:

- The land use of the target property
- Type of COC
- Location of known or suspect contaminated property is in the area of concern (AOC) having COC
- Characteristics of the soil
- Depth to groundwater
- Vapor conduits that may result in significant preferential pathways
- Cleanup status of contaminated property

Potential VECs evaluated included all *recognized environmental conditions*, including H-RECs and C-RECs with identified releases of petroleum products or other potentially volatile contaminants of concern. As is provided by ASTM E 2600-10, ENPRO also considered the predicted hydrogeological gradient around the project site when determining the potential for VECs to impact the site.

ENPRO did not identify any potential VECs within the recommended radii provided in ASTM E 2600-10 with the potential to impact the project site, except for the release of petroleum products in connection with the USTs located on nearby properties, specifically:

- 137 Kaahumanu Avenue
- 109 Kaahumanu Avenue
- 120 Kane Street

These releases have been addressed to the satisfaction of the applicable regulatory authority. However, most of the addressed releases do not meet unrestricted residential cleanup criteria; therefore, a VEC cannot be ruled out for the target property.

7.0 SITE RECONNAISSANCE

Site reconnaissance was performed by Ms. Roberta Bitzer and Ms. Daisy Finch on April 17, 2019. The site reconnaissance was conducted on foot. Most areas of the property were available for inspection with the following exceptions:

- Roof of main building occupied by MCSA and lawnmower baseyard
- The interior of the condemned building to the northeast of the main building
- Most of southeast portion of the parcel due to dense vegetation

No opinion is provided regarding environmental conditions in areas that were not inspected.

Table 3 summarizes the site inspection and findings. All features that were observed during the site reconnaissance, or that were discovered to have been historically present at the project site, are noted in the table. Also indicated in the table are items that may present concerns to the project site. Additional information about items noted in the table can be found in the referenced section of this report.

Table 3

Site Inspection Findings

Project Site Environmental Features	Currently / Historically Present	Possible Environmental Concern	Report Section
Hazardous substances or Petroleum Products	Yes	No	7.4
Underground Storage Tank, UST	Yes*	Yes*	7.5.1
Aboveground Storage Tank, AST	No	No	-
Odors	Yes	No	7.9
Air Emissions *(stacks, hoods, other point sources)*	No	No	-

* Environmental feature(s) observed on adjoining or nearby property

Table 3 (Continued)

Site Inspection Findings

Project Site Environmental Features	Currently / Historically Present	Possible Environmental Concern	Report Section
Pools of Liquid	No	No	-
Drums	Yes	No	7.9
Unidentified Substance Containers	No	No	-
Electrical Equipment/Possible PCBs	Yes	No	7.7.1
Hydraulic Equipment/Possible PCBs	No	No	-
Stains or Corrosion	No	No	-
Drains	Yes	No	7.9
Sumps	No	No	-
Pits, Ponds, or Lagoons	No	No	-
Stained Soil or Pavement	Yes	Yes	7.9
Stressed Vegetation	No	No	-
Evidence of Spills or Releases	Yes	No	7.9
Artificially Filled Areas *(Solid Waste Disposal)*	No	No	-
Waste Water	Yes	No	7.9
Wells	No	No	-
Septic Systems *(cisterns, cess pools, dry wells)*	No	No	-
Dry Cleaning Operations	No	No	-
Agricultural Use *(pesticides/herbicides/fungicides)*	No	No	-
Oil/Gas Production or Exploration	No	No	-
Remedial Activities	No	No	-

7.1 CURRENT USE OF THE PROPERTY

The project site is currently occupied by a school (MCSA) and also utilized as a lawnmower baseyard.

7.2 DESCRIPTIONS OF STRUCTURES, ROADS & OTHER IMPROVEMENTS

Two buildings were observed at the project site as described below:

- A vacant/condemned, one-story building constructed in 1920
- A single-story building constructed in 1920, currently occupied by MCSA

There is a reasonable potential that pesticides may have been applied for termite control beneath this slab foundation. This is not considered to be a *recognized environmental condition*, but it may be a concern at the time the building slab is removed.

Mr. Kurt Ginoza, Vice Principle of MCSA, reported that the following companies/agencies provide project site utilities and service:

Electricity:	Maui Electric Company (MECO)
Water:	County of Maui Department of Water Supply
Sewer:	County of Maui
Refuse:	Aloha Waste

Storm water runoff from the project site flows to the north and west via sheet flow to storm drains on the adjacent streets, and eventually discharges to Pacific Ocean.

Wastewater from the project site originates from sinks, toilets, and kitchens and discharges to the sanitary sewer system.

Evidence of additional wastewater discharge sources was not observed at the project site.

7.3 CURRENT USES OF ADJACENT AND NEARBY PROPERTIES

The area surrounding the project site consisted of residential and commercial properties. Adjoining properties were observed from the project site and from public access lands for signs of *recognized environmental conditions* and their potential to pose an environmental concern to the project site. These properties are listed in the following table:

Table 4

Summary of Adjacent and Nearby Property Use

Direction	Name	Use
North	Kaahumanu Avenue Maui Beach Hotel	Traffic Thoroughfare Transient Accommodation
South	Vevau Street Vacant Land	Traffic Thoroughfare Under Development
East	School Street Shell Gas Station The Waterfront Apartments at Kahului	Traffic Thoroughfare Fuel Station Residential
West	Kane Street Kaahumanu Shopping Center	Traffic Thoroughfare Retail

7.4 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

Project Site

Visual observation for the use and/or storage of hazardous substances and petroleum products was performed.

The following hazardous substances and/or petroleum products were observed on site.

- MCSA
  - Small quantities of household cleaning products
- Lawnmower Baseyard
  - One, 55-gallon drum of waste oil
  - One, 55-gallon drum of 15w-40 motor oil
  - Approximately 10 gallons of anti-freeze
  - Approximately 5 gallons of lubricants
  - Approximately 10 gallons of hydraulic oil
  - Approximately 5 gallons of motor oil
  - Approximately 5 gallons of gasoline

None of the hazardous substances and/or petroleum products observed on the project site during the site reconnaissance appeared to be causing or contributing to any site contamination.

Adjoining or Nearby Sites

The following activities related to hazardous substances and/or petroleum products on adjoining or nearby sites were observed at the time of the project site reconnaissance.

- Shell Gas Station to the east of the property

7.5 STORAGE TANKS

7.5.1 UNDERGROUND STORAGE TANKS

Project Site

Visual observations for manways, vent pipes, fill connections, concrete pressure dispersion pads, and dispenser pumps were conducted throughout the project site. Evidence indicating historical or current existence of USTs was not observed.

Adjoining or Nearby Sites

Visual observations for manways, vent pipes, fill connections, concrete pressure dispersion pads, and dispenser pumps were conducted throughout the accessible areas of adjacent properties. A Shell gas station was identified on the property to the east. See Section 6.2.1 for information regarding the gas station.

7.5.2 ABOVEGROUND STORAGE TANKS

Project Site

Visual observations for vent pipes, secondary containment walls, or other evidence of aboveground storage tanks were conducted throughout the project site. Evidence indicating historical or current existence of ASTs was not observed.

Adjoining or Nearby Sites

Visual observations for vent pipes, secondary containment walls, or other evidence of aboveground storage tanks were conducted throughout the accessible areas of adjacent properties. No evidence of the presence of ASTs was noted.

7.6 SOLID WASTE

Project Site

At the time of our investigation, non-hazardous solid waste was generated onsite. Waste was in the form of general municipal refuse. General municipal refuse was placed into dumpsters located on the project site. The waste was accumulated and transported to an offsite facility for recycling and/or disposal by Aloha Waste on a regular interval basis.

Adjoining or Nearby Sites

At the time of our investigation, non-hazardous solid waste was observed to be generated on adjoining or nearby site. Waste was in the form of general municipal refuse. General municipal refuse was placed into dumpsters located on the project site. The waste was accumulated and transported to an offsite facility for recycling and/or disposal on a regular interval basis.

7.7 POLYCHLORINATED BIPHENYLS (PCBS)

Visual observation for electrical equipment or electrical components that use dielectric fluid, hydraulic lift equipment and fluorescent light ballasts that potentially include PCB-containing fluids was conducted. PCBs (polychlorinated biphenyl) are heavily regulated under the Toxic Substances Control Act (TSCA), which obligates a property owner to clean up any spills occurring on their property.

7.7.1 ELECTRICAL TRANSFORMERS/CAPACITORS

One vaulted transformer, belonging to MECO, was observed adjacent to the project site, at the intersection of Vevau and School Street. No evidence of leakage or corrosion on the outside of the vaulted transformer was noted during the project site reconnaissance.

An inquiry was sent to MECO regarding the PCB content of the vaulted transformer. MECO responded to the inquiry and indicated the transformer was "non-PCB" or "PCB-free.

Since the transformer is owned and operated by MECO, MECO is responsible for remediating any environmental impacts they might cause. Details regarding correspondence with MECO can be found in the appendix section of this report.

No privately-owned transformer equipment was observed within the facility.

7.7.2 HYDRAULIC LIFT EQUIPMENT

Visual observation for hydraulic lift equipment or components containing hydraulic fluid that potentially contains PCBs was conducted.

No in-ground hydraulic lift equipment was observed on site at the time of our reconnaissance.

7.7.3 FLUORESCENT LIGHT BALLASTS

Fluorescent light fixtures are present at the project site. Many fluorescent light fixtures manufactured prior to 1980 may have contained ballasts with PCBs. Since the project site was constructed before 1980, the potential that the ballasts of these fluorescent lights contain PCBs may be a concern.

7.8 WELLS

Evidence of wells (supply, monitoring or dry wells) was not observed during the assessment.

7.9 OTHER OBSERVATIONS

The following describes additional observations of the project site:

Odors:	Petroleum odor in the lawnmower baseyard
Pools of liquid:	Not observed
Drums:	Two, 55-gallon drums in the lawnmower baseyard
Drains and Sumps:	Drains in the restrooms.

Pits, ponds, lagoons:	Not observed
Stained soil or pavement:	*De minimis* petroleum staining on the pavement in the lawnmower baseyard beneath and adjacent to the lawnmowers
Stressed vegetation:	Not observed
Waste water features:	Not observed
Septic systems:	Not observed

8.0 INTERVIEWS

Interviews with individuals having past or present knowledge of the project site, such as owners, key site managers, occupants, and neighbors are routinely conducted to obtain information indicating *recognized environmental conditions* in connection with the property. The following individuals were available to interview:

Table 5

Key Site Interviews

Interviewee Name	Relationship to Property	Length of Time Familiar with Property	Date of Interview
Mr. Kurt Ginoza	Vice Principal of MCSA	6 Years	April 17, 2019
Mr. Jeffrey H. Overton	Project Consultant	N/A	May 7, 2019

8.1 KEY SITE MANAGER

Mr. Kurt Ginoza, Vice-Principal of MCSA, was interviewed in person at the time of the site visit on April 17, 2019.

Project Site

Mr. Ginoza has been familiar with the project site since 2013. According to Mr. Ginoza the property has been used as a school since the 1950s. Maui Economic Opportunities (MEO) used a portion of the property for buses and containers storage until approximately 2017. Previous structures that may have included a hospital and a school building have been demolished.

The planned short-term use of the property is to be redeveloped as part of a mixed-use project that includes affordable housing and a school facility. Mr. Ginoza reported no information regarding past or present contamination and/or activities on the property that may have resulted in contamination of the project site.

Adjoining and Adjacent Properties

Mr. Ginoza reported no information regarding past or present contamination and/or activities on adjacent properties that may have resulted in contamination of the project site, except for the presence of a gas station to the east.

8.2 OWNER/USER

Mr. Jeffery H. Overton, Project Consultant, completed a Property Questionnaire supplied by ENPRO Environmental regarding the project site. A copy of the completed Property Questionnaire is included in the appendix section of this report.

Project Site

Mr. Jeffery H. Overton did not provide the length of time that he has been familiar with the project site and reported no information regarding past or present contamination and/or activities on the property that may have resulted in contamination of the project site.

Adjoining and Adjacent Properties

Mr. Jeffery H. Overton did not provide the length of time that he has been familiar with the project site and reported no information regarding past or present contamination and/or activities on adjacent properties that may have resulted in contamination of the project site.

9.0 EVALUATION

This section documents the findings, opinions, and conclusions of the Phase I Environmental Site Assessment. ASTM E 1527-13 does not require the *environmental professional* to provide recommendations regarding identified environmental conditions at the project site. As a service to its clients, ENPRO provides recommendations to further evaluate and/or address environmental concerns in Section 10.0 of this report.

9.1 FINDINGS AND CONCLUSIONS

We have performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E 1527-13 of 153 West Kaahumanu Avenue, Kahului, Hawaii, the *property*. Any exceptions to, or deletions from, this practice are described in Section 2.6 of this *report*. **This assessment has revealed no evidence of *recognized environmental conditions (RECs)* in connection with the *property*.**

The following *de minimis conditions* were identified at the project site:

- *De minimis* petroleum staining on the pavement in the lawnmower baseyard beneath and adjacent to the lawnmowers.

The following environmental conditions, which are not considered *recognized environmental conditions,* as defined by ASTM, were observed during the assessment:

- Suspect asbestos containing building materials
- Suspect lead containing paint
- Termiticide application

9.2 DATA GAPS

Data gaps are not uncommon in environmental site assessments. A data gap by itself is not inherently significant. The significance is determined by other information and professional experience as to whether the data gap raises reasonable concerns about activities that may present a *recognized environmental condition*. According to *ASTM E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process,* and *All Appropriate Inquiries* (AAI) which includes 40 CFR Part 312, §312.21 and §312.31, the Phase I Environmental Site Assessment report shall identify and comment on significant data gaps that affect the ability of the environmental professional to identify *recognized environmental conditions* and identify the sources of information that were consulted to address the data gap.

ENPRO did not encounter any significant data gaps during the performance of this Phase 1 Environmental Site Assessment.

9.3 LIMITATIONS

ENPRO has completed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E 1527-13 of 153 West Kaahumanu Avenue, Kahului, Hawaii (the "project site"). This assessment was performed at the request of G70 (the "Client") using the methods and procedures consistent with good commercial and customary practices designed to conform to acceptable industry standards.

The information and opinions rendered in this report are intended for the Client for the purposes stated herein (see Section 2.3). This report is not for the use or benefit of, nor may it be relied upon by any other person or entity, for any purpose except as described below without the advance written consent of ENPRO. ENPRO shall not distribute nor publish this report without the consent of the Client except as required by law or court order.

The information and opinions expressed in this report are given in response to a limited assignment and should be considered and implemented in light of that assignment.

The Client may rely upon this report in evaluating a request for one or more extensions of credit to be secured directly or indirectly by the subject property (including mortgage and mezzanine loans) and the acquisition of the direct or indirect interest in the subject property as applicable.

This report is not for the use or benefit of, nor may it be relied upon by any other person or entity, for any purpose without the advance written consent of ENPRO. In expressing the opinions stated in this report, ENPRO has exercised a degree of skill and care ordinarily exercised by a reasonable prudent environmental professional in the same community and in the same time frame given the same or similar facts and circumstances. Documentation and data provided by the Client, designated representatives of the Client or other interested third parties, or from the public domain, and referred to in the preparation of this assessment, have been used and referenced with the understanding that ENPRO assumes no responsibility or liability for their accuracy.

The independent conclusions represent our professional judgment based on information and data available to us during the course of this assignment. Factual information regarding operations, conditions, and test data provided by the Client or their representatives has been assumed to be correct and complete. The conclusions presented are based on the data provided, observations, and conditions that existed on the date of the site visit.

9.4 CERTIFICATIONS

Researched by:	Mckenzie Brown, Environmental Technician
Surveyed by:	Daisy Finch, Environmental Professional
	Roberta Bitzer, Senior Environmental Professional
Written by:	Roberta Bitzer, Senior Environmental Professional
	Mckenzie Brown, Environmental Technician
Supervised by:	Roberta Bitzer, Senior Environmental Professional

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 Part 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject *property* (project site). I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Reviewed by: 

Kenton Beal
Vice President, ENPRO Environmental

10.0 NON-SCOPE SERVICES

ASTM E 1527-13 does not require recommendations. A User should consider whether recommendations for additional inquiries or other services are desired. Recommendations are an additional service that may be useful in the User's analysis of the property. Unless otherwise directed by the Client, it is ENPRO's standard practice to include recommendations for addressing all identified *RECs* at the subject property.

ENPRO may also make recommendations regarding conditions identified at the project site which are not considered *RECs*, such as the proper storage of hazardous materials, the potential presence of asbestos containing materials, and the presence of ecological or cultural resources. Except where otherwise specified, there are no legal or regulatory requirements for the Client or the property owner to follow the recommendations presented in this report.

10.1 RECOMMENDATIONS

Based on the *de minimis* conditons identified in this investigation, ENPRO recommends the following additional actions and/or investigations:

- *De minimis* petroleum staining on the pavement in the lawnmower baseyard beneath and adjacent to the lawnmowers.

  Adhere to best management practices (BMP) to prevent spills from machinery and storage containers.

10.2 ADDITIONAL ENVIRONMENTAL CONCERNS, NON-ASTM

The following environmental conditions were evaluated for the potential to impact the property though they are not considered *recognized environmental conditions* as defined by ASTM.

Asbestos-Containing Materials

In July 1989, under the Toxic Substances Control Act (TSCA), the United States Environmental Protection Agency (USEPA) promulgated an Asbestos Ban Phaseout Rule. Beginning in 1990 and taking effect in three stages, the rule prohibits the importation, manufacture, and processing of ninety-four percent of all remaining asbestos products in the United States over a period of seven years. Presently, asbestos has not been prohibited from

all construction building materials. However, in 1991, this rule was vacated and remanded by the Fifth Circuit Court of Appeals. As a result, most of the original ban on the manufacture, importation, processing, or distribution in commerce for the majority of the asbestos-containing products originally covered in the 1989 final rule was overturned.

No sampling for asbestos containing materials was conducted as part of this investigation.

Suspect asbestos containing materials should be sampled and analyzed for possible asbestos content prior to activities (e.g., renovation, demolition,) that may damage or disturb the material. If the materials are asbestos-containing, the building owner must comply with applicable USEPA National Emissions Standards for Hazardous Air Pollutants (NESHAPS), OSHA, state and local regulations.

Radon

Radon is a naturally occurring radioactive gas formed by the decay of uranium in bedrock and soil. The potential adverse health effects associated with radon gas depend on several factors including concentration of the gas and duration of exposure. The concentration of radon gas in a building depends on subsurface soil conditions, the integrity of the building's foundation, and the building's ventilation system.

Due to the geologic composition of basalt bedrock and the soils that derive from them, as well as the composition of marine-related sediments found in Hawaii, the State of Hawaii has been determined to have a low radon potential (G.M. Reimer, U.S. Geological Survey). Therefore, investigation of radon is not recommended for this property.

Lead-Based Paint

There is no commercial property definition of what is a lead-based paint. Regulations specifically addressing lead-based paint include Housing and Urban Development (HUD) (1995) guidelines and the Consumer Product Safety Act (1977). These regulations are for housing and consumer products.

OSHA regulations apply to worker protection during renovation and demolition activities.

Sensitive Ecological Areas

According to the Envirosite report, no areas were depicted as sensitive ecological areas or federal wetlands.

Potential Termiticide Use

Based on the age of the on-site structures, there is a reasonable potential that pesticides may have been applied for termite control beneath the slab foundation. This is not considered to be a REC, but it may be a concern at the time the building slab is removed. Assume/presume the presence of pesticides in soil beneath structures due to pesticide application to the soil prior to construction to control termites and other insects. Pesticide- and herbicide-contaminated soil should be managed in accordance with applicable federal, state, and local environmental laws and regulations in the event that any onsite building structure (and its foundation) is demolished.

11.0 REFERENCES

Publications:

Names of Publication:	Aquifer Identification and Classification for Maui: Groundwater Protection Strategy For Hawaii
Author of Publication:	Mink, J.F. and L.S. Lau
Published by:	Water Resources Research Center, University of Hawaii at Manoa, Honolulu, Hawaii
Date of Publication:	1990
Information Obtained:	Groundwater data

Names of Publication:	Groundwater Well Index
Author of Publication:	State of Hawaii, Department of Natural Resources, Commission on Water Management
Date of Publication:	January 2001
Information Obtained:	Groundwater wells

Names of Publication:	Ownership records and Tax Map Key maps
Author of Publication:	County of Maui
Information Obtained:	Ownership records

Names of Publication:	Aerial Photograph
Author of Publication:	U.S.G.S
Published by:	Envirosite
Date of Publication:	2019
Information Obtained:	Historical use

Names of Publication:	Code of Federal Regulations, Title 40, Part 761, Rules for Controlling PCBs under the Toxic Substance Control Act,
Author of Publication:	U.S. Environmental Protection Agency
Date of Publication:	December 14, 1990
Information Obtained:	PCB regulations

Names of Publication:	Soil Survey for the Islands of Maui, State of Hawaii
Author of Publication:	Foote, Donald E. et al.
Published by:	U.S. Department of Agriculture, Soil Conservation Service, in cooperation with the University of Hawaii Agricultural Experiment Station. Also available at

	http://websoilsurvey.nrcs.usda.gov/app/ accessed on March 6, 2019.
Date of Publication:	1972
Information Obtained:	Soil classification
Names of Publication:	The EDR Radius Map Report
Author of Publication:	Environmental Data Resources, Inc.
Date of Publication:	2019
Information Obtained:	Regulatory database records
Names of Publication:	Topographic Maps, Maui, Hawaii
Author of Publication:	United States Geological Survey (USGS)
Date of Publication:	2019
Information Obtained:	Historical use

Contacts:

Agency or Business:	G70
Name/Title of Representative:	Mr. Jeffery H. Overton
Telephone Number:	808-351-4200
Date Information was Received:	May 7, 2019
Agency or Business:	Vice Principal of MCSA
Name/Title of Representative:	Mr. Kurt Ginoza
Location of Agency or Business:	153 West Kaahumanu Avenue, Kahului
Date Information was Received:	April 17, 2019
Agency or Business:	Solid and Hazardous Waste Branch (SHWB)
Location of Agency or Business:	2725 Waimano Home Road, Pearl City, Hawaii
Telephone Number:	808-586-4226
Date Information was Received:	March 15, 2015
Information Obtained:	Regulatory records
Agency or Business:	Hazard Evaluation and Emergency Response (HEER)
Location of Agency or Business:	2725 Waimano Home Road, Pearl City, Hawaii
Telephone Number:	808-586-4249

Date Information was Received:	February 21, 2019
Information Obtained:	Regulatory records

12.0 APPENDICES

Site Figures
Site Photographs
Historical Research
Regulatory Records Documentation
Records of Communication/Interview
Qualifications of Environmental Professionals

SITE FIGURES



N

Source: U.S. Geological Survey, 1998

Figure 1
TOPOGRAPHIC MAP

Scale: 1 inch = 2,000 feet

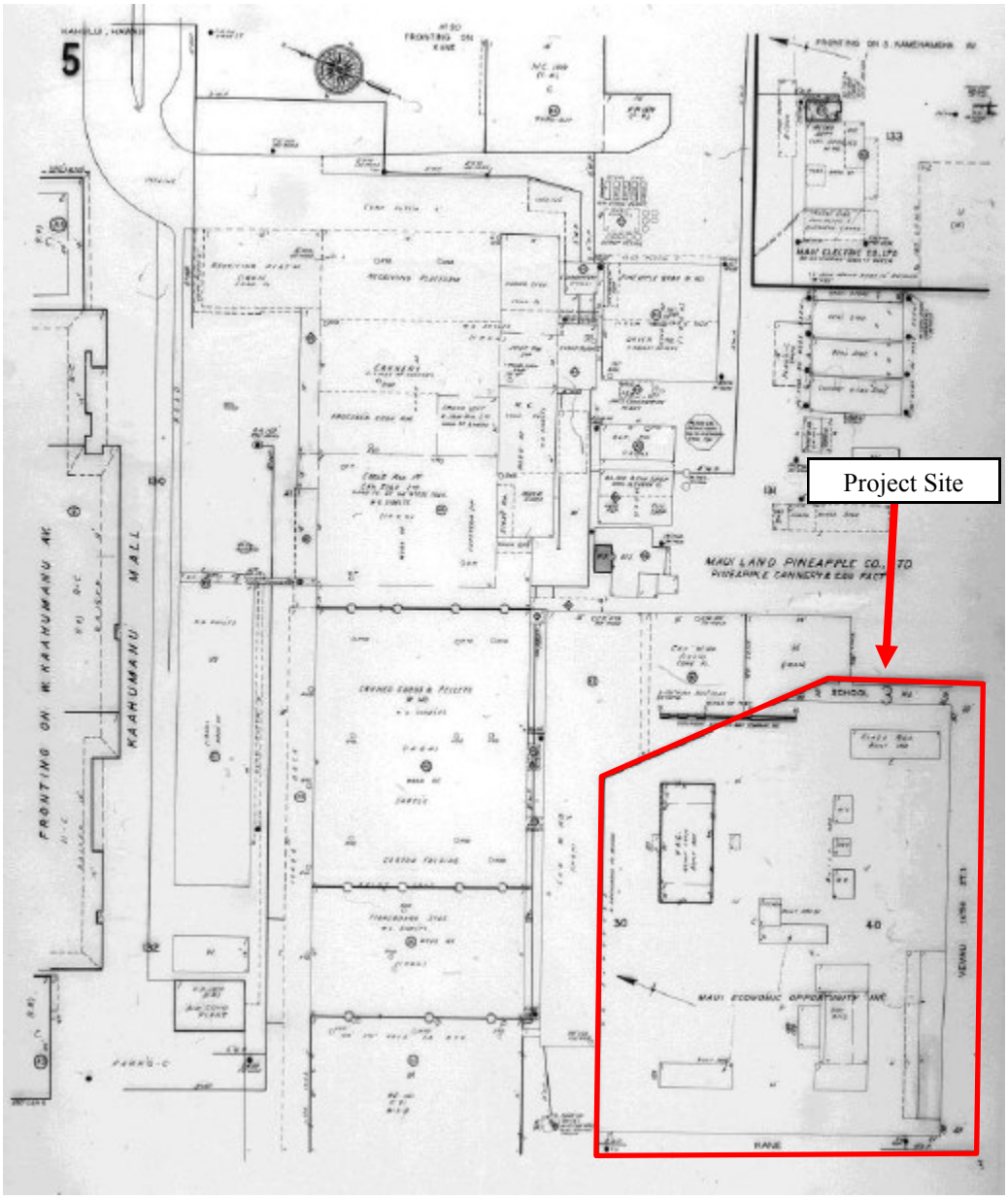


N

Source: qPublic.net 2010

Figure 2
Parcel Map: (2) 3-7-004: 003

Scale: 1 inch = Approximately 200 feet



Source: EDR 2019

Figure 3
SANBORN FIRE INSURANCE MAP, 1990

Scale: 1 inch = Approximately 90 feet



N

Source: Google Maps 2019

Figure 4
AERIAL PHOTOGRAPH/SITE MAP

Scale: 1 inch = Approximately 200 Feet

SITE PHOTOGRAPHS



Photo 1

North Portion of the Project Site, Facing Northeast

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 2

The Project Site, Facing North Northeast

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 3

Project Site, Facing South

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 4

Panoramic View of Vacant Portion of the Project Site

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 5

Northeast Portion of the Project Site, Facing Northeast

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 6

Project Site, Southeast Portion and Adjacent Properties

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 7

Project Site, Southeast Portion and Adjacent Properties

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 8

Condemned Building on Property, Facing East

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 9

South Portion of Condemned Building on Property

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 10

Project Site, Main Building, Facing Southwest

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 11

MCSA Class Room

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 12

MCSA Custodian Supply Room, Cleaning Supplies

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 13

MCSA Kitchen, Cleaning Supplies

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019

environmental ENPRO



Photo 14

Electrical Shed on Property, Between Main Building and Condemned Building

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 15

Lawnmower Baseyard at Main Building, Facing South

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 16

Project Site, Lawnmower Baseyard, 55-Gallon Drum of Motor Oil

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 17

Project Site Lawnmower Baseyard, Flammable Cabinet Use to Store Gasoline

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 18

Project Site, Lawnmower Baseyard, Note 55-Gallon Drum of Waste Oil

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 19

Project Site, Lawnmower Baseyard, Note *De minimis* Staining Beneath Lawnmower

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 20

Project Site, Lawnmower Baseyard, Note *De minimis* Staining on Pavement

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 21

Project Site, Lawnmower, Baseyard

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 22

MECO Transformer Vault Near Southeast Boundary of the Project Site

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 23

Shell Gas Station, Adjacent Property to the East, Facing North

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019



Photo 24

Waterfront Apartments, Adjacent Property to the East

Project Number: 1902-00081-PH1

153 West Kaahumanu
Kahului, Hawaii

Date of Photos: April 17, 2019

HISTORICAL RESEARCH

HIG Research Summary

Site Location
Kahului Site
153 West Kaahumanu Avenue
Kahului, HI

Requested by
Envirosite Corporation
2 Corporate Drive Suite 450
Shelton, CT

HIG Project #
2024515
Client Project #

Date Created
02/22/2019

This Research Summary identifies the products and services provided by Historical Information Gatherers, Inc. (HIG) for the above referenced site location. All products are provided as PDFs unless otherwise noted.

FIM+ Maps

The HIG Historical Map Collection and the United States Library of Congress Map Collection were searched for fire insurance maps (FIMs), real estate atlases and similar maps for the site location and adjoining properties. These maps were used to create a multi-page file named FIM+Maps. The maps have title blocks that include the map publisher, year the map was created and, if applicable, the year the map was last updated. The years provided are:

1914, 1927, 1945, 1975, 1980, 1990

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5717

KAHULUI, HAWAII

1

UNINCORPORATED

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KEY- D	

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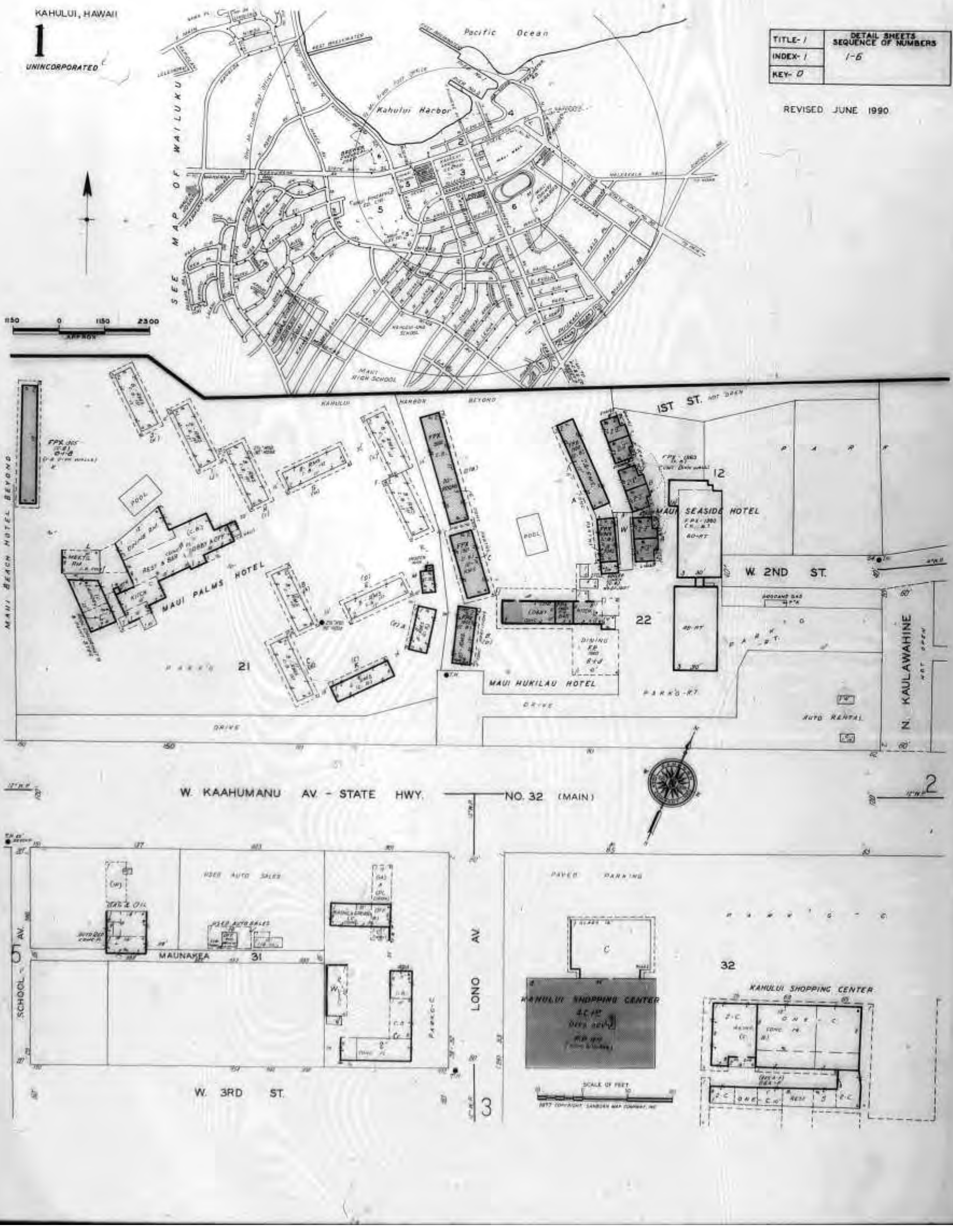

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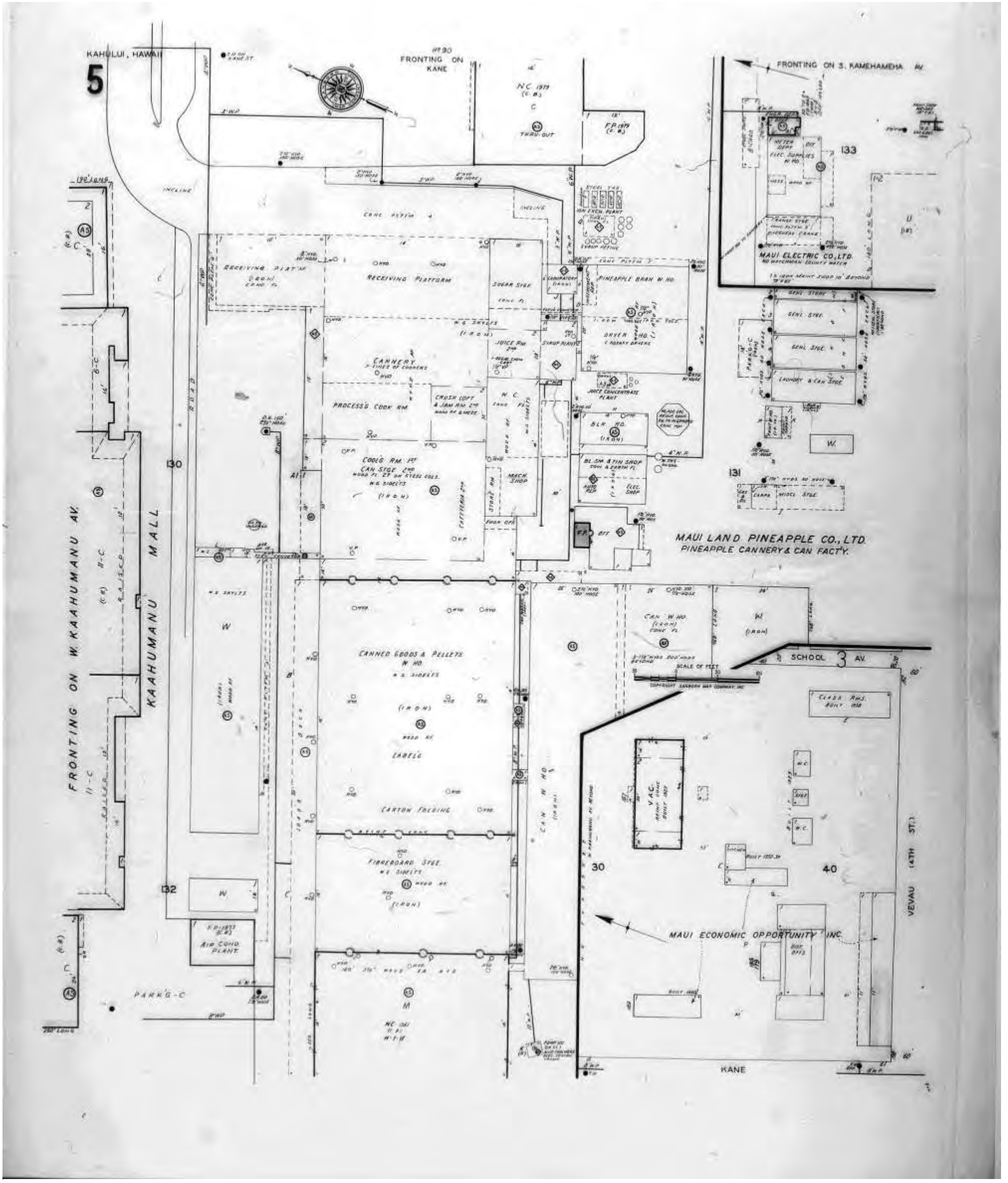

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Map Date:	March 1927		153 West Kaahumanu Avenue	
Revised Date:	1990		Kahului, HI	
Republished:			Client Project #	
Sheet Number:	0005		HIG Project # 2024515 www.historicalinfo.com	

KAHULUI, HAWAII

1

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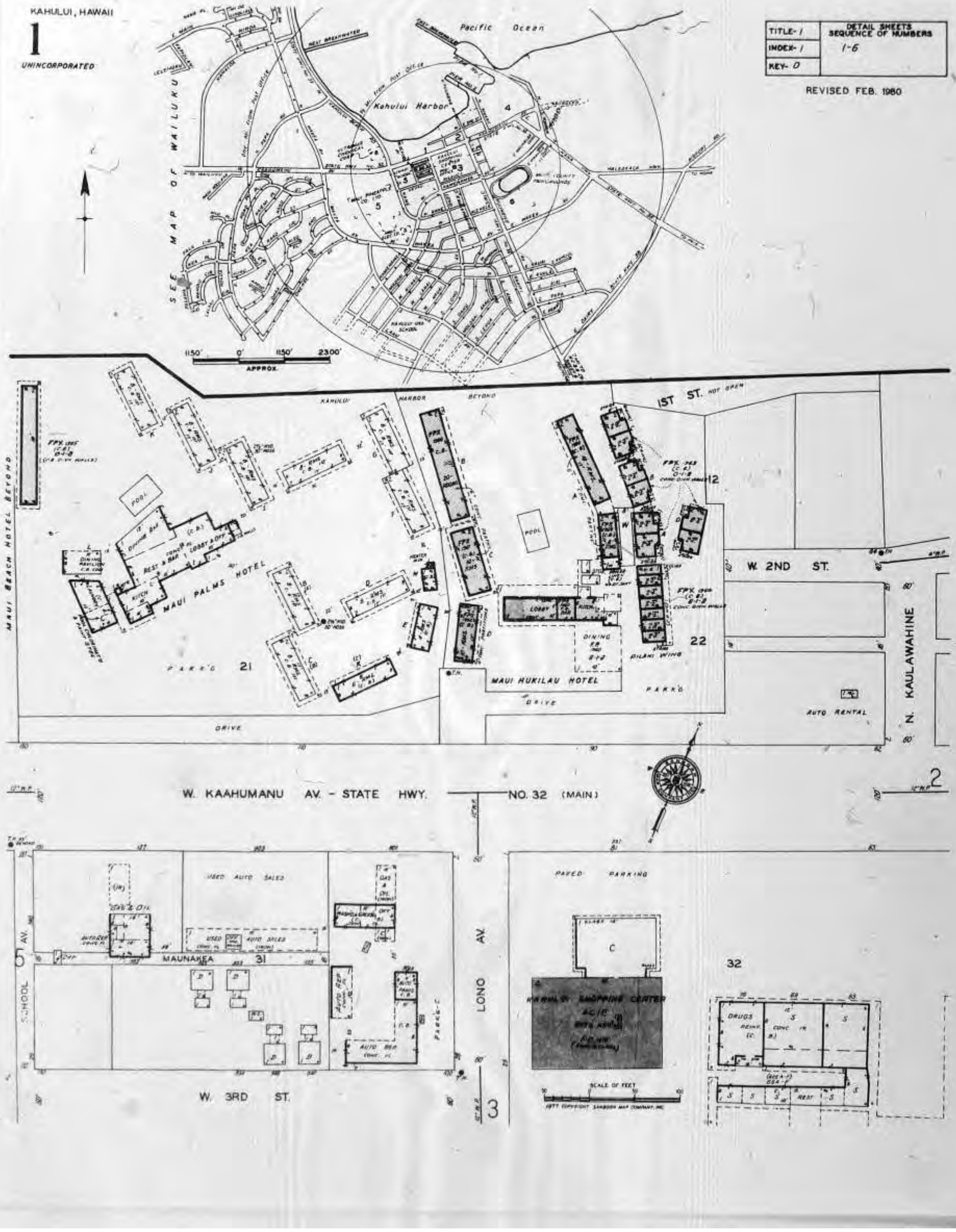
REVISED FEB. 1980



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KAHULUI, HAWAII

5

FRONTING ON KANE

FRONTING ON S. KAMEHAMEHA AV.

MAUI ELECTRIC CO.,LTD.

MAUI PINEAPPLE CO., LTD.
PINEAPPLE CANNERY & CAN FACT'Y.

FRONTING ON W. KAAHUMANU AV.

KAAHUMANU MALL

SCHOOL ST.

KANE

VEVAU (4TH ST.)

Map Type: Fire Insurance Publisher: Sanborn Map Co. Publication Name: Kahului, HI Map Date: March 1927 Revised Date: 1980 Republished: Sheet Number: 0005	**1980**	Requested By: Envirosite Corporation Kahului Site 153 West Kaahumanu Avenue Kahului, HI Client Project # HIG Project # 2024515 www.historicalinfo.com	HIG

KAHULUI, HAWAII

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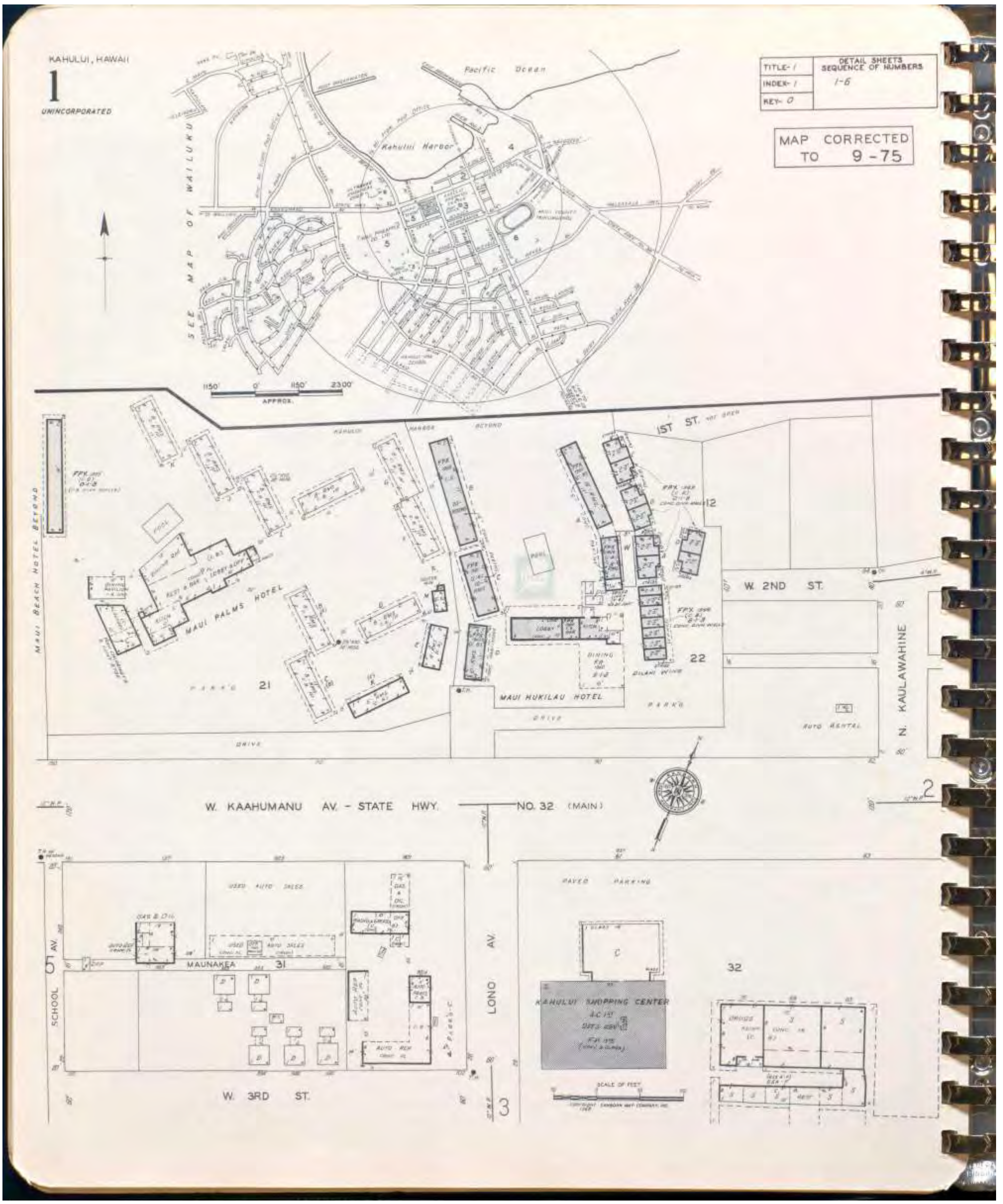
INDEX- 1	1-6
KEY- O	

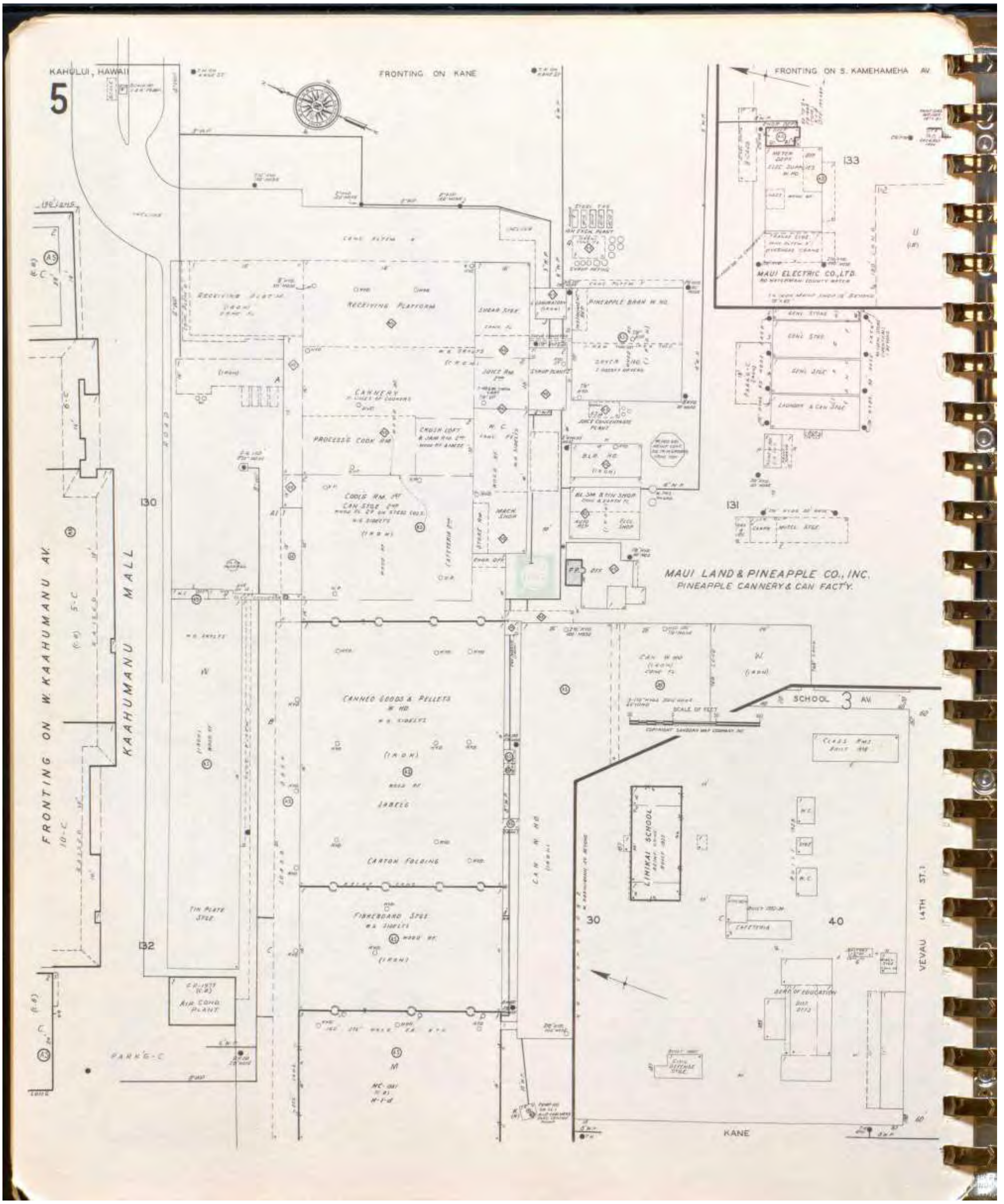
MAP CORRECTED TO 9-75



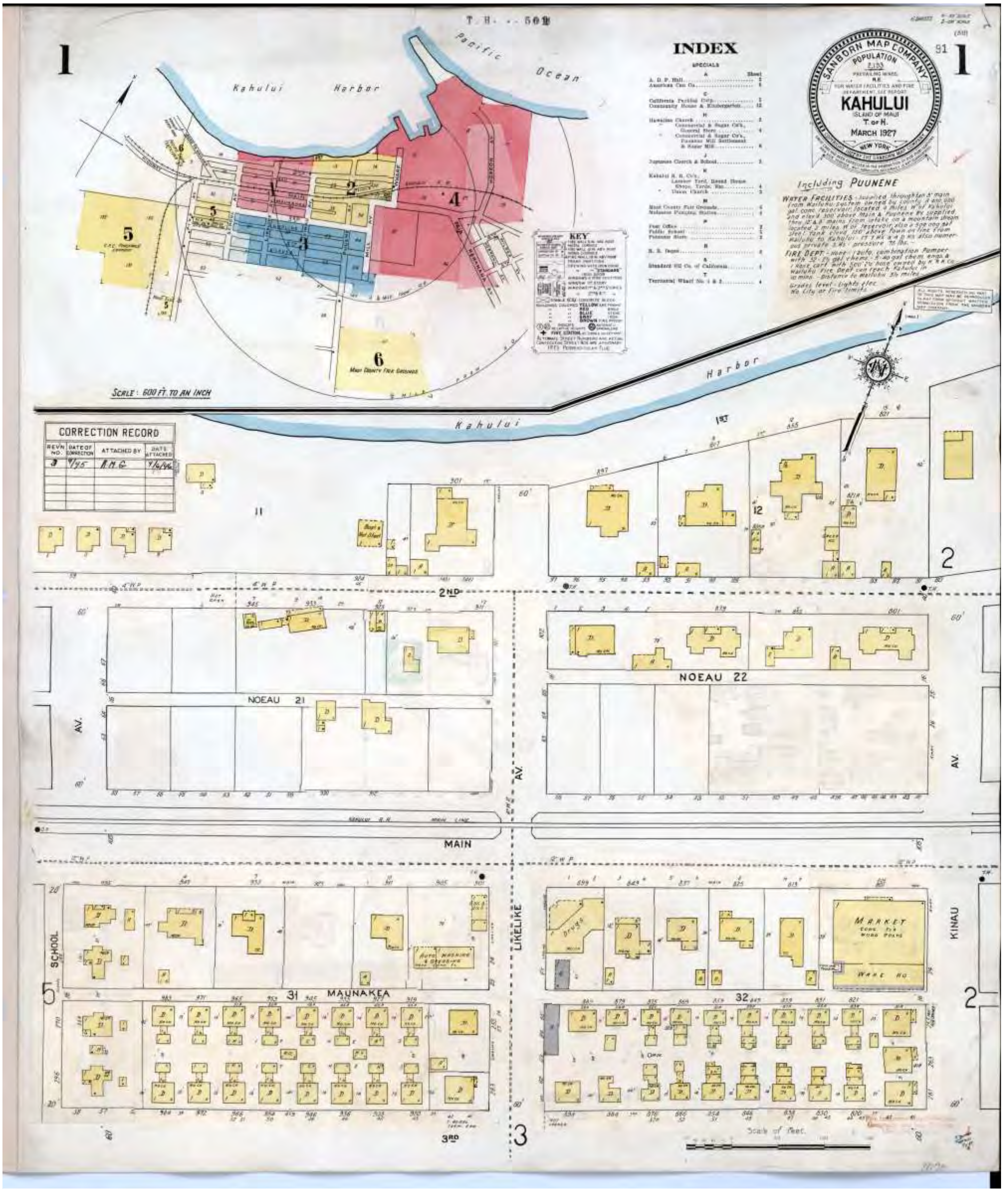
Map Type: Fire Insurance Publisher: Sanborn Map Co. Publication Name: Kahului, HI Map Date: March 1927 Revised Date: 1975 Republished: Sheet Number: 0001	**1975**	Requested By: Envirosite Corporation Kahului Site 153 West Kaahumanu Avenue Kahului, HI Client Project # HIG Project # 2024515 www.historicalinfo.com	

KAHULUI, HAWAII

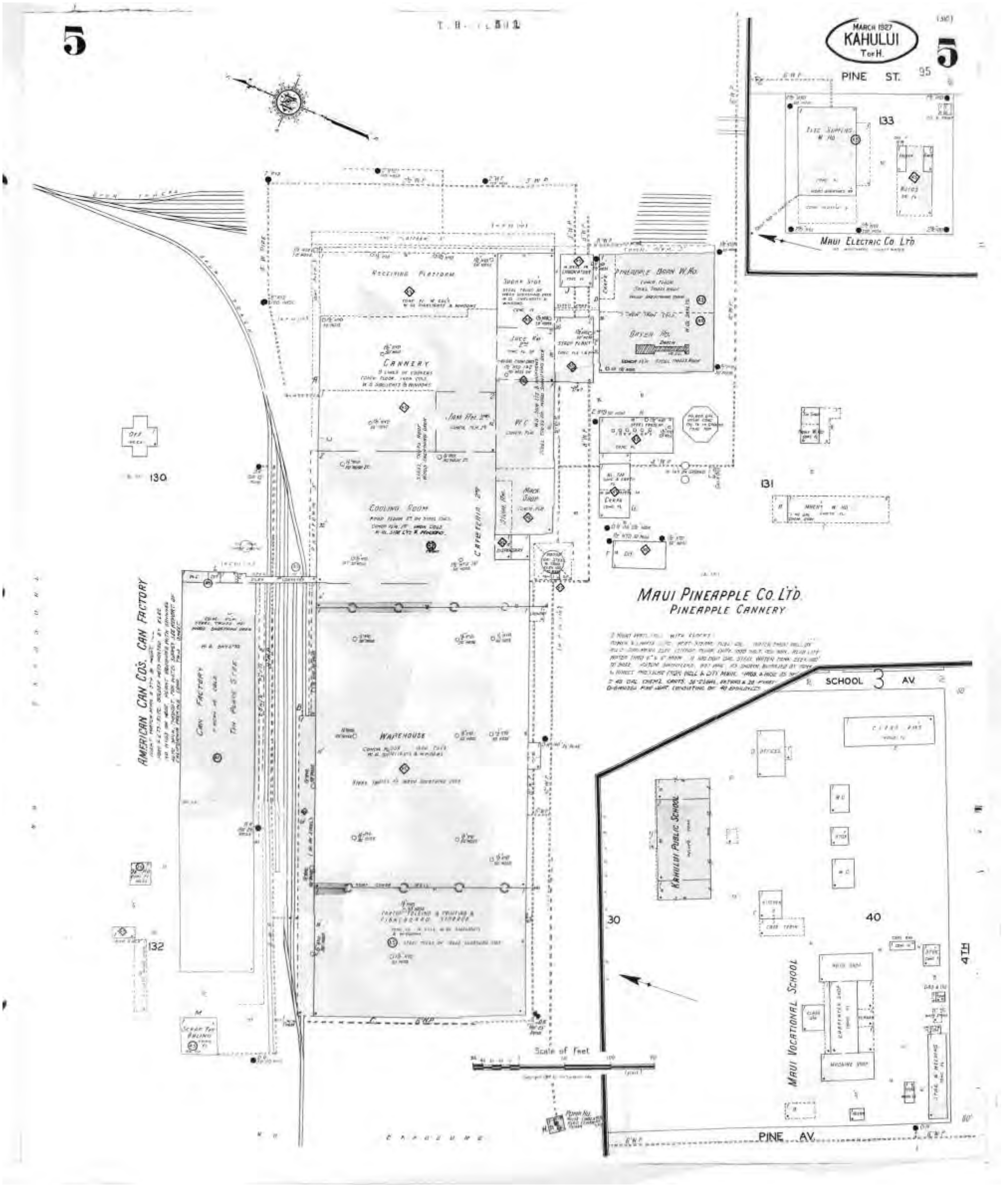
5



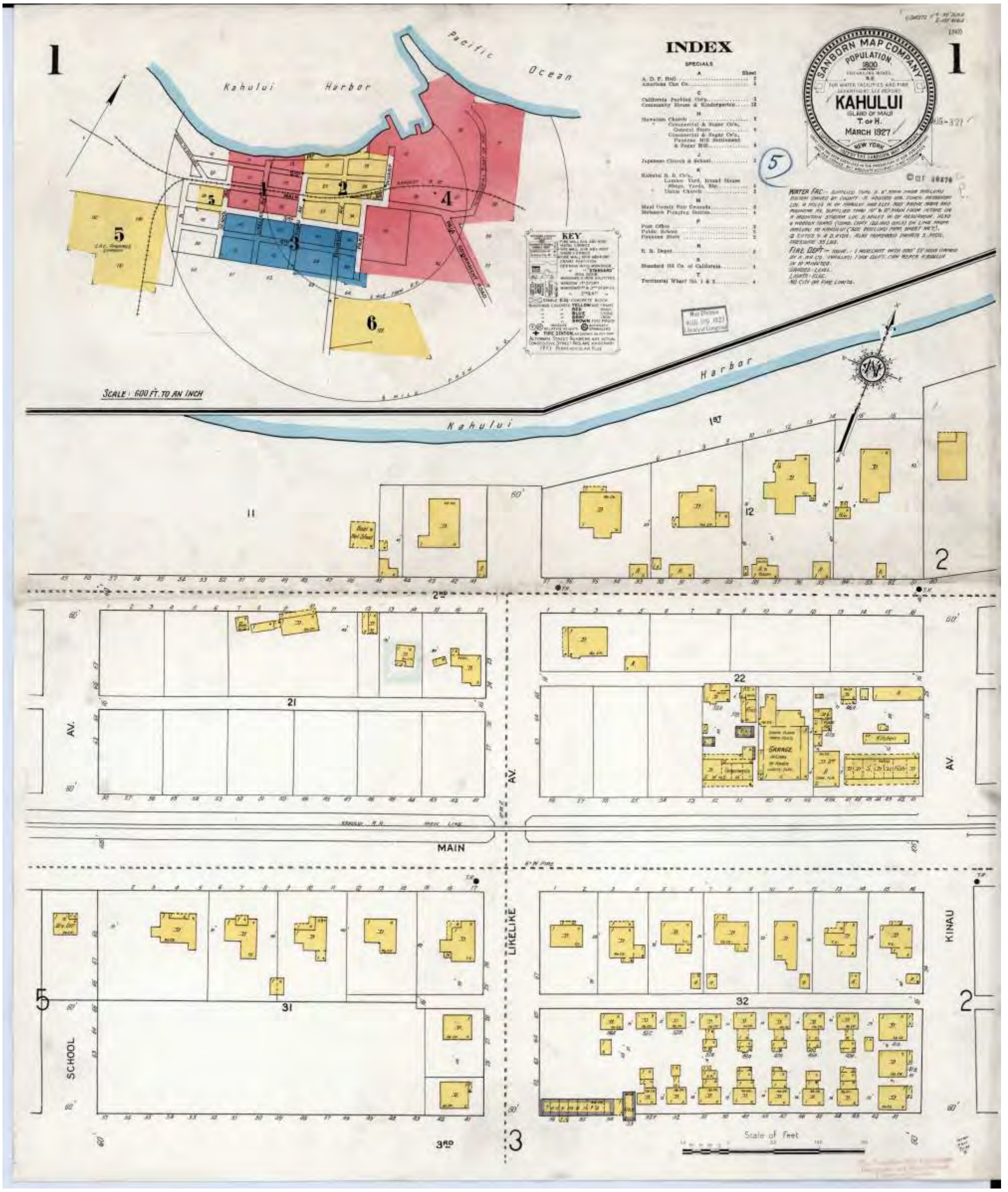
Map Type: Fire Insurance Publisher: Sanborn Map Co. Publication Name: Kahului, HI Map Date: March 1927 Revised Date: 1975 Republished: Sheet Number: 0005	**1975**	Requested By: Envirosite Corporation Kahului Site 153 West Kaahumanu Avenue Kahului, HI Client Project # HIG Project # 2024515 www.historicalinfo.com	



Map Type: Fire Insurance Publisher: Sanborn Map Co. Publication Name: Kahului, HI Map Date: March 1927 Revised Date: September 1945 Republished: Sheet Number: 0001	**1945**	Requested By: Envirosite Corporation Kahului Site 153 West Kaahumanu Avenue Kahului, HI Client Project # HIG Project # 2024515 www.historicalinfo.com	HIG



Map Type: Fire Insurance Publisher: Sanborn Map Co. Publication Name: Kahului, HI Map Date: March 1927 Revised Date: September 1945 Republished: Sheet Number: 0005	**1945**	Requested By: Envirosite Corporation Kahului Site 153 West Kaahumanu Avenue Kahului, HI Client Project # HIG Project # 2024515 www.historicalinfo.com	HIG



Map Type:	Fire Insurance	1927	Requested By: Envirosite Corporation	HIG
Publisher:	Sanborn Map Co.		Kahului Site	
Publication Name:	Kahului, HI		153 West Kaahumanu Avenue	
Map Date:	March 1927		Kahului, HI	
Revised Date:			Client Project #	
Republished:			HIG Project # 2024515 www.historicalinfo.com	
Sheet Number:	0001			

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MARCH 1927
KAHULUI
T. OF H.

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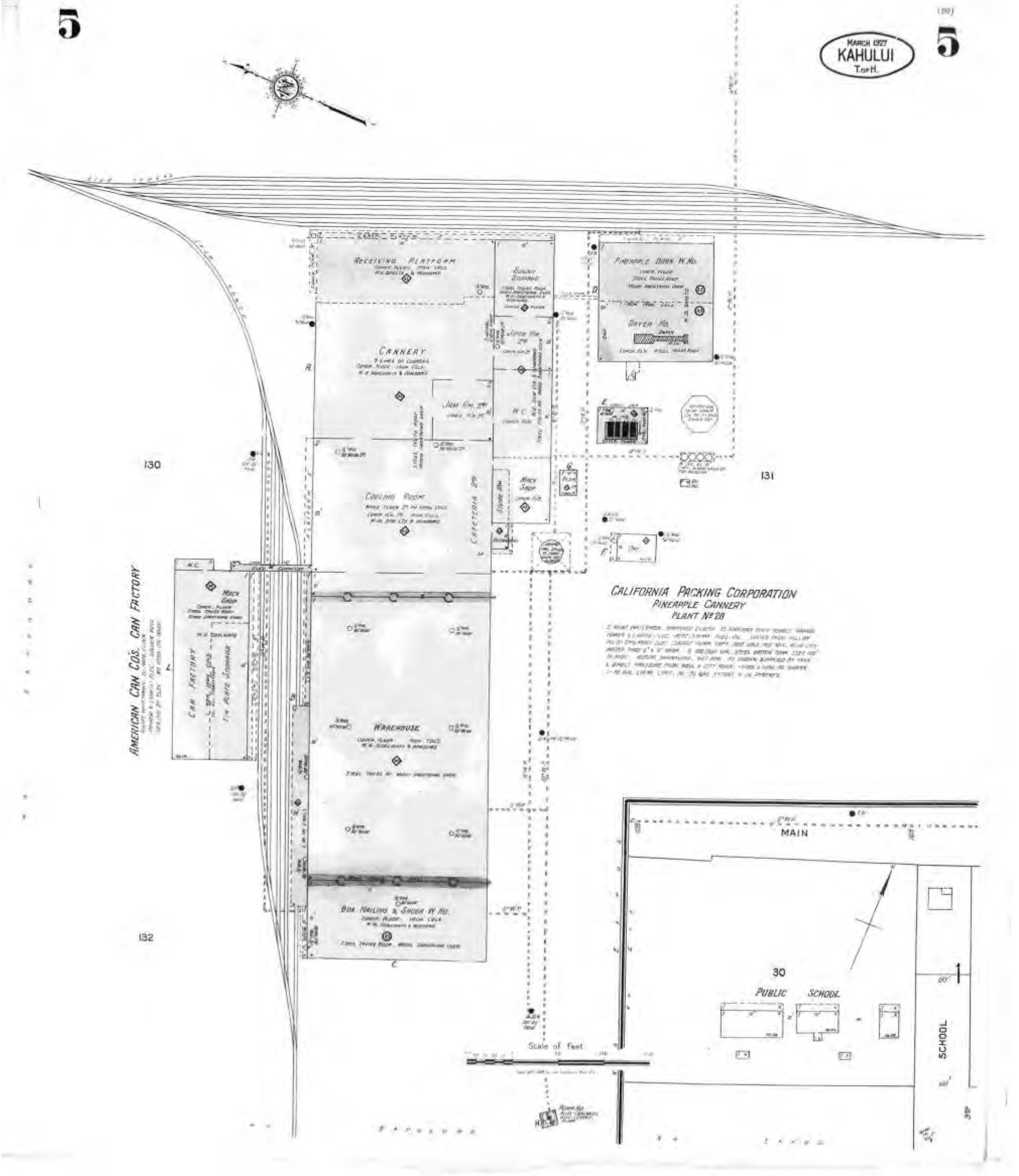

CALIFORNIA PACKING CORPORATION
PINEAPPLE CANNERY
PLANT Nº 28

Map Type:	Fire Insurance	1927	Requested By: Envirosite Corporation
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Publication Name:	Kahului, HI		153 West Kaahumanu Avenue
Map Date:	March 1927		Kahului, HI
Revised Date:			Client Project #
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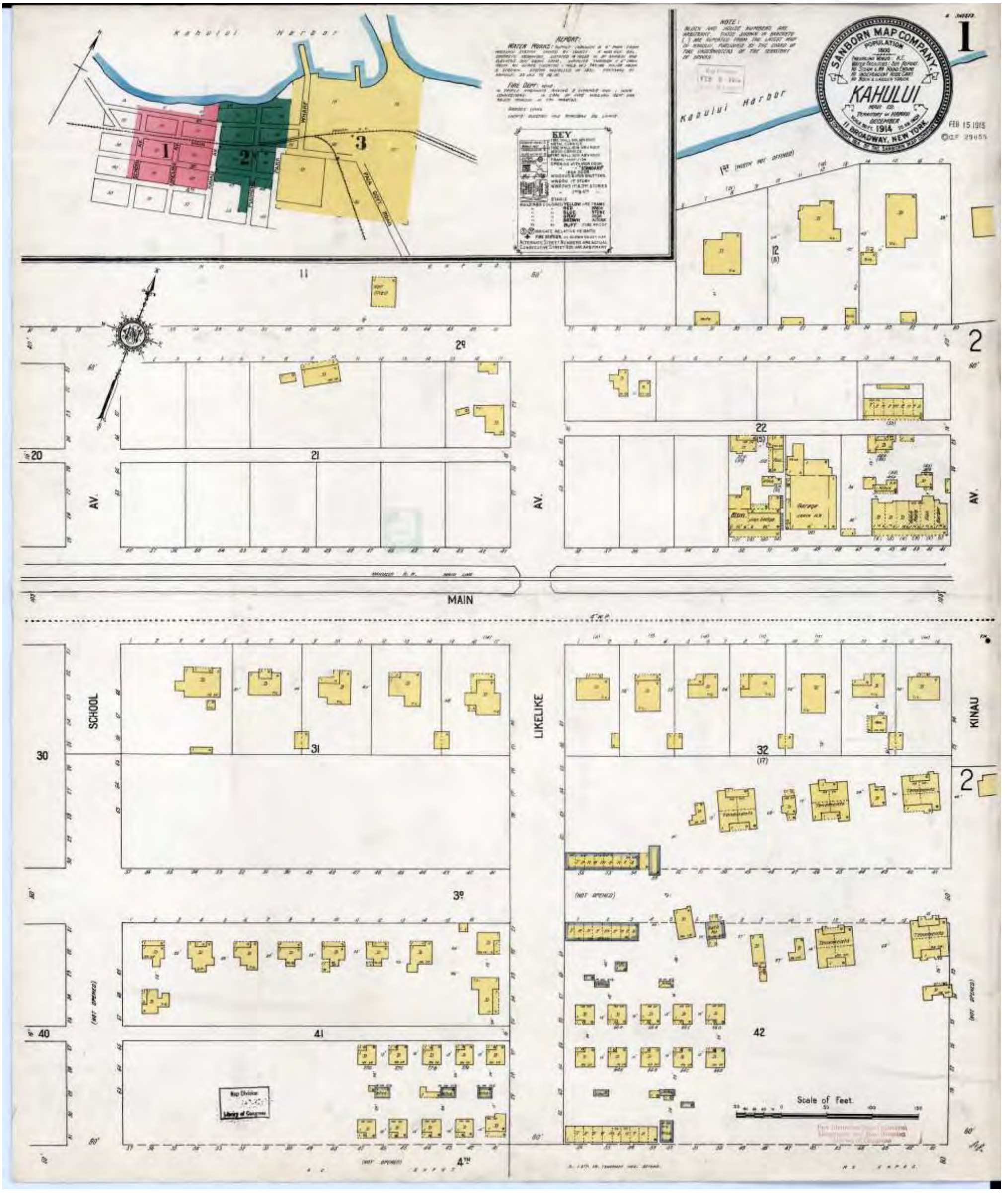
Sheet Number:	0005		



Map Type: Fire Insurance Publisher: Sanborn Map Co. Publication Name: Kahului, HI Map Date: December 1914 Revised Date: Republished: Sheet Number: 0001	**1914**	Requested By: Envirosite Corporation Kahului Site 153 West Kaahumanu Avenue Kahului, HI Client Project # HIG Project # 2024515 www.historicalinfo.com	HIG

Historical Topographic Map Report | 2019

Order Number: 27336

Report Generated: 02/20/2019

Project Name: Kahului Center

Project Number: 1902-00081-PH1

Kahului Site
153 West Kaahumanu Avenue
Kahului, Hawaii

2 Corporate Drive
Suite 450
Shelton, CT 06484
Toll Free: 866-211-2028
www.envirositecorp.com

Envirosite's Historical Topographic Map Report is designed to assist in evaluating a subject property resulting from past activities. Envirosite's Historical Topographic Map Report includes a search of USGS historical topographic maps, dating back to the early 1900s.

TOPOGRAPHIC MAPS FOUND:

	Map Name:	Year:	Revision Year:	Scale:	Series:
1.	Wailuku	1955	N/R	1 : 24000	7.5
2.	Wailuku	1977	N/R	1 : 24000	7.5
3.	Wailuku	1983	N/R	1 : 24000	7.5
4.	Wailuku	1997	N/R	1 : 24000	7.5
5.	Wailuku	2013	N/R	1 : 24000	7.5
6.	Wailuku	2017	N/R	1 : 24000	7.5

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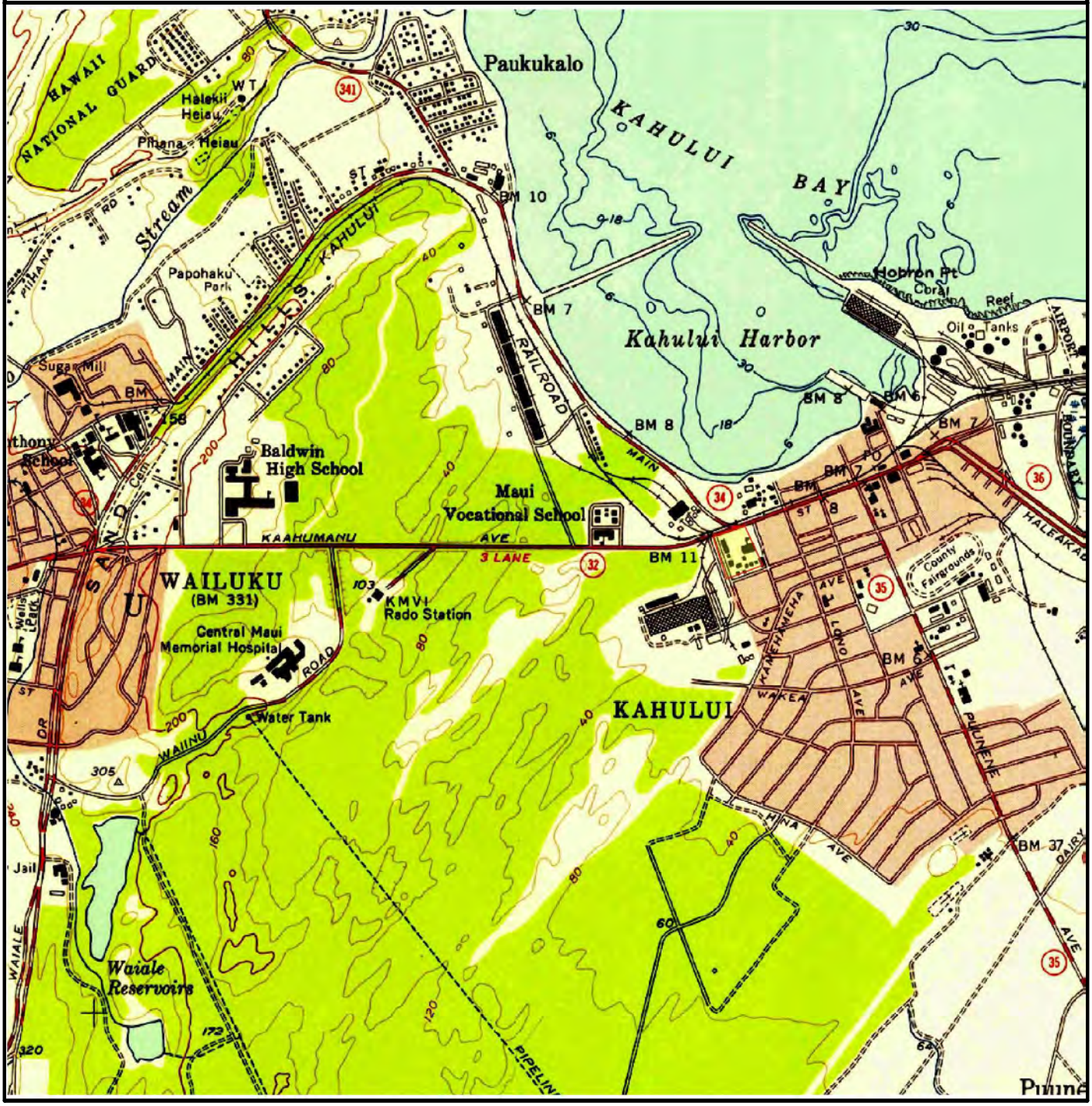
SUBJECT NAME: Kahului Site
ADDRESS: 153 West Kaahumanu Avenue, Kahului, Hawaii
LAT/LONG: 20.888683 / -156.471823

PREPARED FOR: ENPRO Environmental
ORDER #: 27336
REPORT DATE: 02/20/2019

SUBJECT QUAD:

MAP NAME:	Wailuku	MAP YEAR:	1955	REVISION YEAR:	N/R
SERIES:	7.5	SCALE:	1 : 24000	Part	1

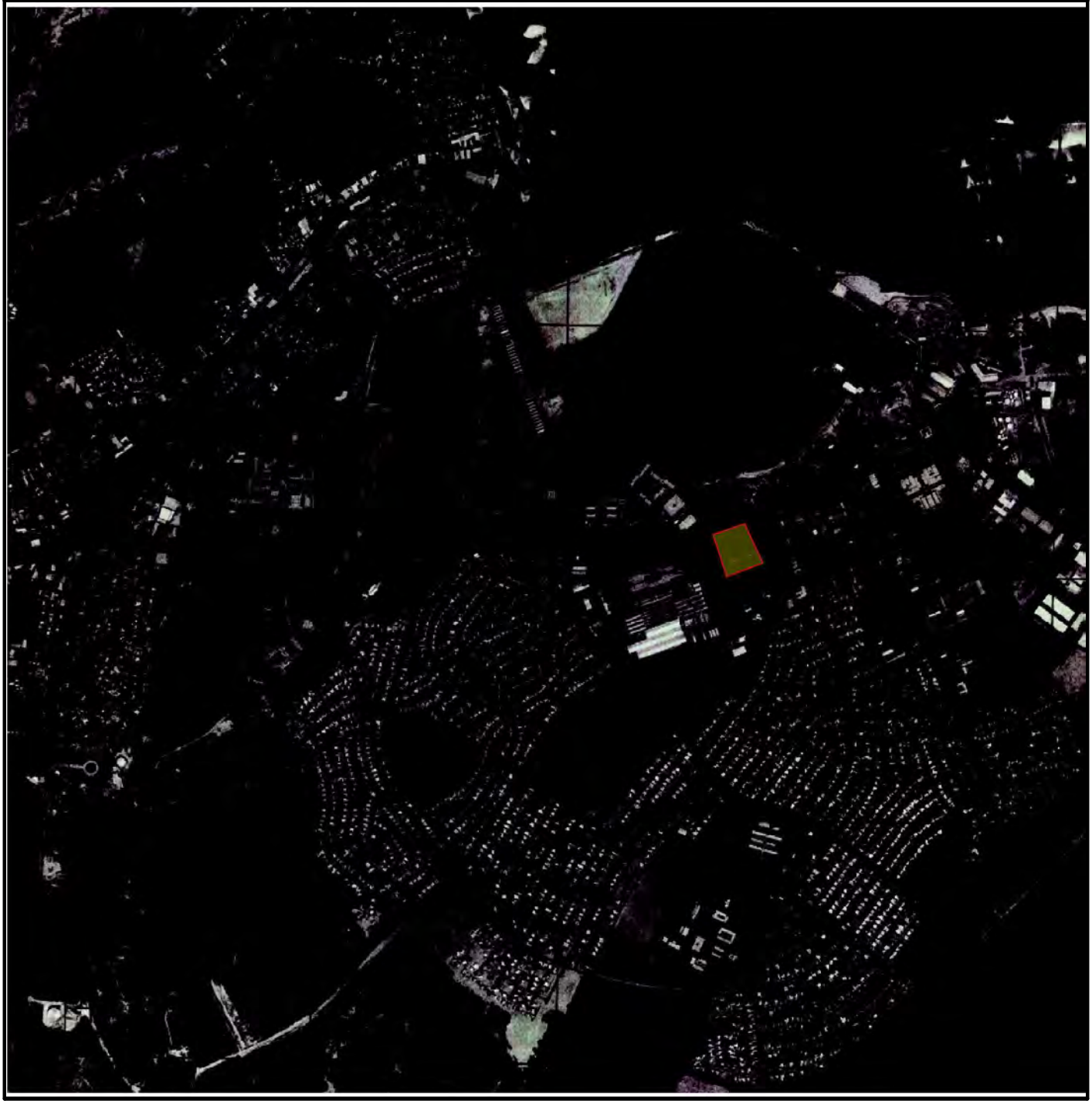


SUBJECT NAME: Kahului Site
ADDRESS: 153 West Kaahumanu Avenue, Kahului, Hawaii
LAT/LONG: 20.888683 / -156.471823

PREPARED FOR: ENPRO Environmental
ORDER #: 27336
REPORT DATE: 02/20/2019

SUBJECT QUAD:

MAP NAME:	Wailuku	MAP YEAR:	1977	REVISION YEAR:	N/R
SERIES:	7.5	SCALE:	1 : 24000	Part	1

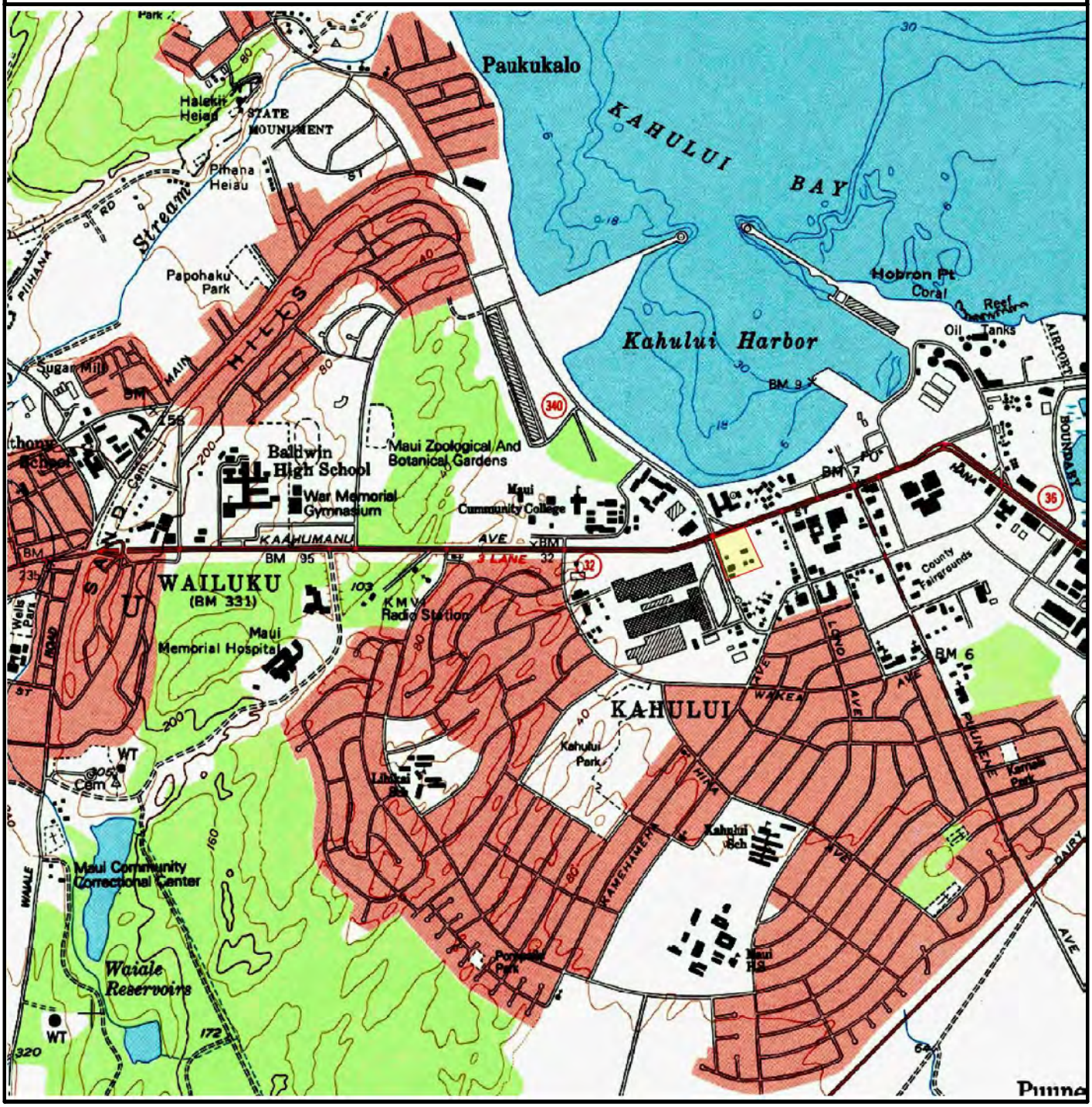


SUBJECT NAME: Kahului Site
ADDRESS: 153 West Kaahumanu Avenue, Kahului, Hawaii
LAT/LONG: 20.888683 / -156.471823

PREPARED FOR: ENPRO Environmental
ORDER #: 27336
REPORT DATE: 02/20/2019

SUBJECT QUAD:

MAP NAME:	Wailuku	MAP YEAR:	1983	REVISION YEAR:	N/R
SERIES:	7.5	SCALE:	1 : 24000	Part	1



SUBJECT NAME: Kahului Site
ADDRESS: 153 West Kaahumanu Avenue, Kahului, Hawaii
LAT/LONG: 20.888683 / -156.471823

PREPARED FOR: ENPRO Environmental
ORDER #: 27336
REPORT DATE: 02/20/2019

SUBJECT QUAD:

MAP NAME:	Wailuku	MAP YEAR:	1997	REVISION YEAR:	N/R
SERIES:	7.5	SCALE:	1 : 24000	Part	1



SUBJECT NAME: Kahului Site
ADDRESS: 153 West Kaahumanu Avenue, Kahului, Hawaii
LAT/LONG: 20.888683 / -156.471823

PREPARED FOR: ENPRO Environmental
ORDER #: 27336
REPORT DATE: 02/20/2019

SUBJECT QUAD:

MAP NAME:	Wailuku	MAP YEAR:	2013	REVISION YEAR:	N/R
SERIES:	7.5	SCALE:	1 : 24000	Part	1



SUBJECT NAME: Kahului Site
ADDRESS: 153 West Kaahumanu Avenue, Kahului, Hawaii
LAT/LONG: 20.888683 / -156.471823

PREPARED FOR: ENPRO Environmental
ORDER #: 27336
REPORT DATE: 02/20/2019

SUBJECT QUAD:

MAP NAME:	Wailuku	MAP YEAR:	2017	REVISION YEAR:	N/R
SERIES:	7.5	SCALE:	1 : 24000	Part	1



Historical Aerial Photo Report | 2019

Order Number: 27336
Report Generated: 02/21/2019

Project Name: Kahului Center
Project Number: 1902-00081-PH1

Kahului Site
153 West Kaahumanu Avenue
Kahului, Hawaii

---

2 Corporate Dr
Suite 450
Shelton, CT 06484
Toll Free: 866-211-2028
www.envirositecorp.com

Historical Aerial Photo Report *2019*

Envirosite's Historical Aerial Photo Report is designed to assist in evaluating a subject property resulting from past activities. Envirosite's Historical Aerial Photo Report includes a search of available historical aerial photographs, dating back to the 1930s, or earliest available photographs.

ENVIROSITE SEARCHED SOURCES

SUBJECT PROPERTY:

Kahului Site
153 West Kaahumanu Avenue
Kahului, Hawaii

YEAR:	***SCALE:***	***SOURCE:***
1950	1" = 500'	U.S.G.S
1974	1" = 1,000'	U.S.G.S
1976	1" = 1,000'	U.S.G.S
1992	1" = 1,000'	U.S.G.S
2000	1" = 500'	DOQ

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FLIGHT YEAR:
1950

N
W E
S

Scale: 1" = 500'



FLIGHT YEAR:
1974

Cloud Cover on Photo

N
W E
S

Scale: 1" = 1,000'



FLIGHT YEAR:
1976

N
W E
S

Scale: 1" = 1,000'



FLIGHT YEAR:
1992

Subject Cannot Be Centered

N
W E
S

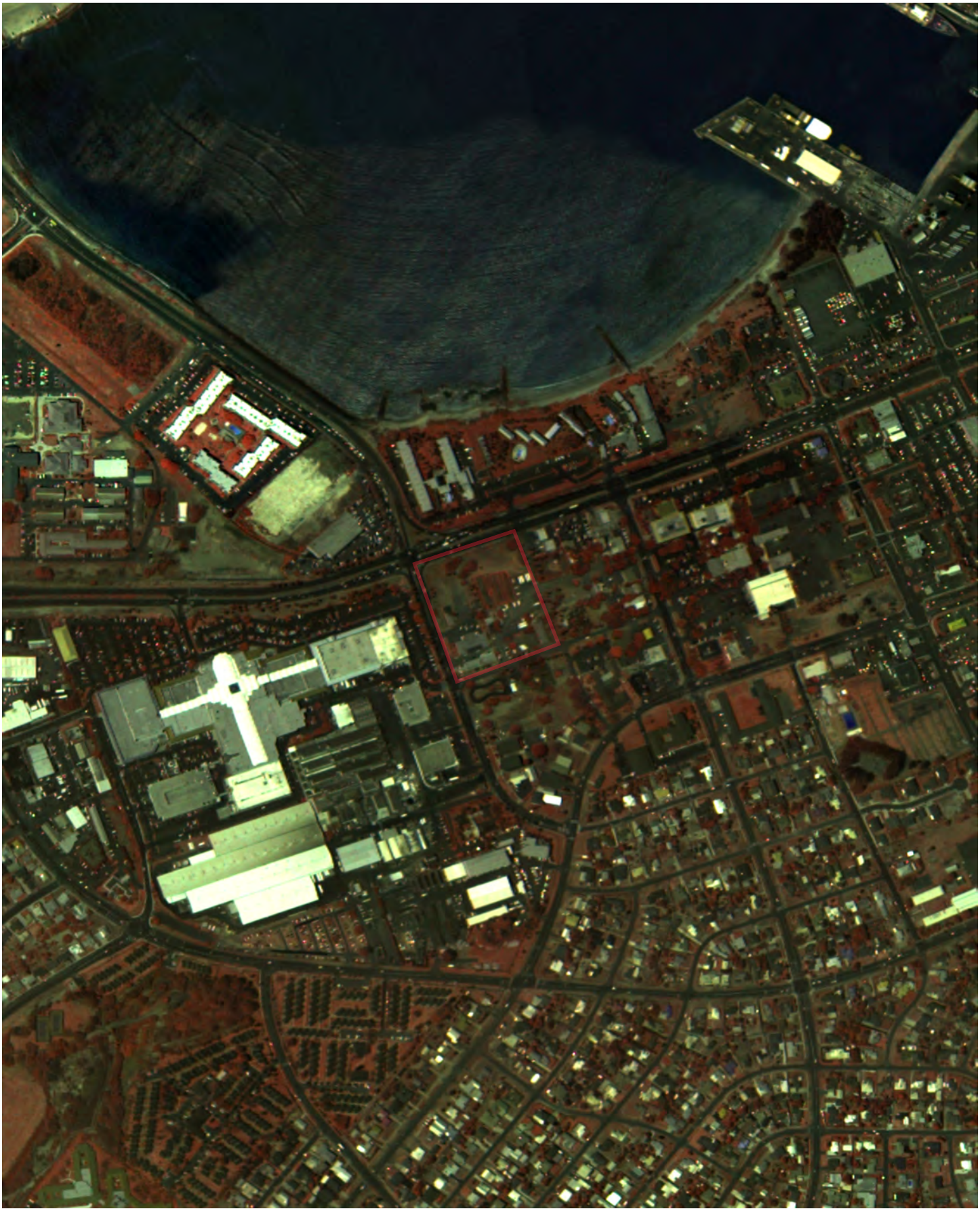
Scale: 1" = 1,000'



FLIGHT YEAR:
2000

N
W E
S

Scale: 1" = 500'



MAUI COUNTY PARCEL HISTORY (TT102) FOR:

TMK: 3-7-004-003-0000 PAGE: 1

03/15/1996

INSTR-DESC: EXEC ORD 3586 TRANS NO: 60154

INSTR_NO:0000000000 INSTR-DATE: 03/15/1996

ACK/EFF DATE: 03/15/1996

AREA: 5.5720 ACRES

FROM: 3704-13 18,050 SF OR 0.414 AC
5.572 AC SET ASIDE FOR "KAHULUI CIVIC CENTER" UNDER DAGS-STA
TE OF HAWAII
PER EO 3586 DTD 5/20/93.
F/D: AREA, BDRY; STATUS

GROUP#	NAME	F	TC	%-OWNER	TITLE-DESC
2 0011	STATE OF HAWAII				

04/07/1994

INSTR-DESC: DLNR LM REL REV PMT NO. S-27959 TRANS NO: 60152

INSTR_NO:0000000000 INSTR-DATE: 04/07/1994

ACK/EFF DATE: 04/07/1994

AREA: 5.1580 ACRES

FROM: A&B-HAWAII INC TO: STATE OF HAWAII
PURPOSES: RELEASE OF REVERSIONARY INTEREST & FOR KAHULUI CI
VIC CENTER
CONSIDERATION: $1,693,000.00
DATE OF DOCUMENT: 2/17/93
- PARCEL A PROPOSED KAHULUI CIVIC CENTE
R
- KAHULUI WAILUKU MAUI 56,441 SF
TMK 3-7-04:3
F/D: KEYED ONLY-QUITCLAIM REVERSIONARY INT

GROUP#	NAME	F	TC	%-OWNER	TITLE-DESC
2 0011	STATE OF HAWAII				

04/30/1991

INSTR-DESC: DLNR L/M (RP S-6732) TRANS NO: 60153

INSTR_NO:0000000000 INSTR-DATE: 04/25/1991

ACK/EFF DATE: 04/30/1991

AREA: 5.1580 ACRES

(18050 SF) DROPPED INTO 3704-13(NEW)
F/D: AREA, BDRY

GROUP#	NAME	F	TC	%-OWNER	TITLE-DESC
2 0011	STATE OF HAWAII				

10/07/1987

GROUP#	NAME	F	TC	%-OWNER	TITLE-DESC
2 0011	STATE OF HAWAII				

----------SEE HISTORY SHEET FOR MORE INFORMATION----------

Hakalui, Maui
Par Gr 5343, F.P. 22

MK/sly 1/20/56

1955

ROUTE-SLIP

1 As shown on tax maps 8.27 Ac Territory of Hawaii
HAMULUI SCHOOL

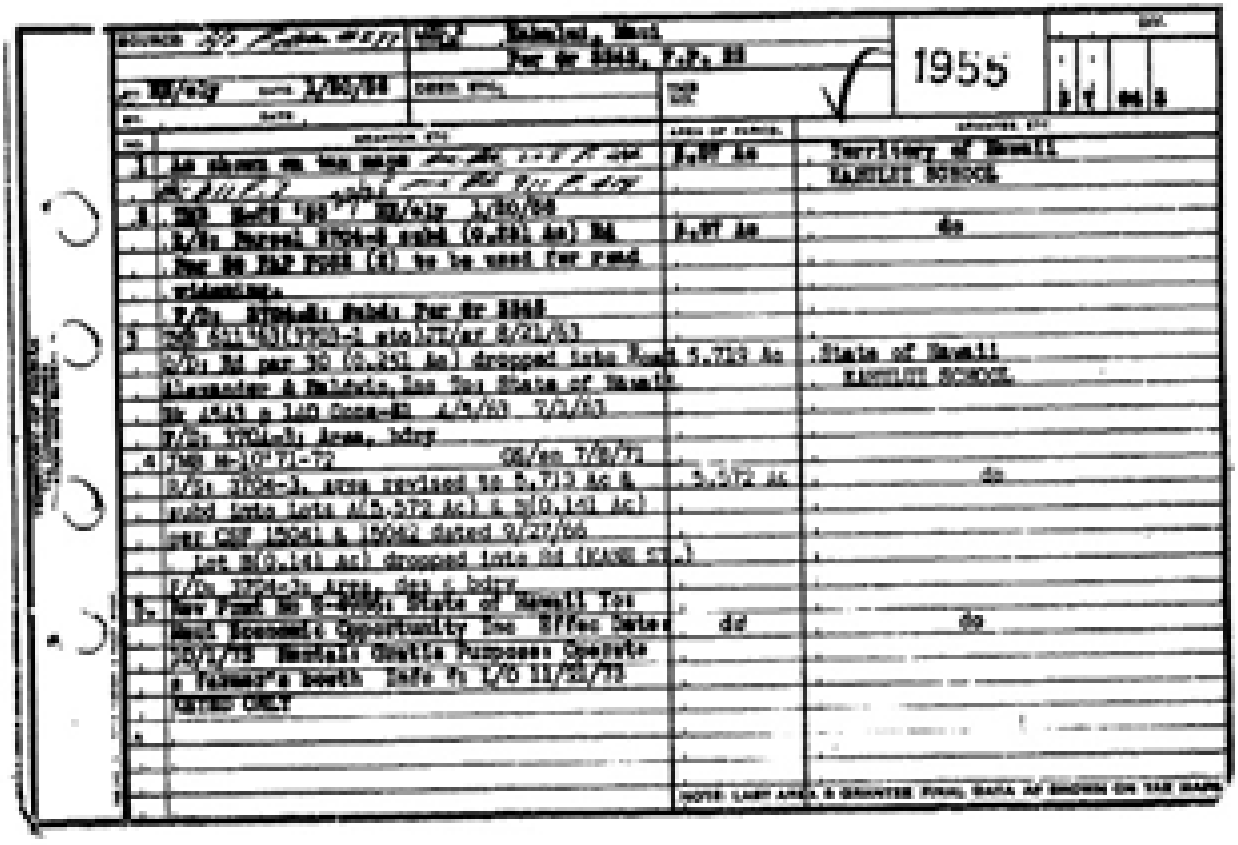
2 TMD M-72 '55 23/35 MK/sly 1/20/56
R/S: Parcel 3704-8 subd (0.331 Ac) Rd 8.27 Ac do
Par 22 PAP FORM (2) to be used for road widening.
F/D: 3704-8; Subd; Par Gr 5343

Carry the following subareas:

(0.331 Ac)
(8.719 Ac)

TMD T/O
TR WK RB

Map in 370' folder



SOURCE [illegible]	[illegible] Kahului, Maui Per Gr 3343, F.P. 33	1955	DIV.
[illegible] HH/elp DATE 1/30/58	DEED STL.	TMP DIV.	3 7 06 3
[illegible] DATE			

NO.	DESCRIPTION	AREA OF PARCEL	GRANTEE
1	As shown on the map [illegible]	5.97 Ac	Territory of Hawaii KAHULUI SCHOOL
2	TMB [illegible] HH/elp 1/30/58 R/S: Parcel 3704-3 subd (0.281 Ac) Rd Per [illegible] to be used for road widening. F/D: 3704-3: Subd: Per Gr 3343	5.97 Ac	do
3	TMB 611'63(3703-1 etc)JT/ar 8/21/63 D/D: Rd par 30 (0.281 Ac) dropped into Road Alexander & Baldwin, Inc To: State of Hawaii Bk 4543 p 140 Docs-[illegible] 4/5/63 7/1/63 F/D: 3704-3: Area, bdry	5.713 Ac	State of Hawaii KAHULUI SCHOOL
4	TMB M-10'71-72 GS/en 7/8/71 R/S: 3704-3, area revised to 5.713 Ac & subd into lots A(5.572 Ac) & B(0.141 Ac) per CSF 15041 & 15042 dated 9/27/66 Lot B(0.141 Ac) dropped into Rd (KANE ST.) F/D: 3704-3: Area, des & bdry	5.572 Ac	do
5	New Pmt No [illegible]: State of Hawaii To: Maui Economic Opportunity Inc Effec Dates 10/1/73 Rentals Gratis Purposes Operate a farmer's booth Info fr L/O 11/21/73 RATED ONLY	do	do

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

Kahului, Maui
Por Gr 3343, F.P. 22

HN/ely 1/20/56

ROUTE-SLIP

1955

3 7 04 3

1	As shown on tax maps	5.97 Ac	Territory of Hawaii KAHULUI SCHOOL
2	TMB M-76 '55 77/25 HN/ely 1/20/56 R/S: Parcel 3704-3 subd (0.251 Ac) Rd Par 30 FAP F032 (2) to be used for road widening. F/D: 3704-3; Subd; Por Gr 3343	5.97 Ac	do

Carry the following subareas:

(0.251 Ac)
(5.719 Ac)

TMB T/O
TR WK RB

Map in 370 folder

SOURCE: S/D Folder #277	LOC. & TITLE: Kahului, Maui Por Gr 3343, F.P. 22		1955	DIV.
BY: HN/ely DATE: 1/20/56	DEED, ETC.:	TMB NO.		3 7 04 3
BY: DATE:				

NO.	GRANTOR, ETC.	AREA OF PARCEL	GRANTEE, ETC.
1	As shown on tax maps see Bk 225 P. 214	5.97 Ac	Territory of Hawaii
	Bk 311 P. 7 22/25 see Bk 911 P. 419		KAHULUI SCHOOL
2	TMB M-76 '55 HN/ely 1/20/56		
	R/S: Parcel 3704-3 subd (0.251 Ac) Rd	5.97 Ac	do
	Par 30 FAP F032 (2) to be used for road		
	widening.		
	F/D: 3704-3; Subd; Por Gr 3343		
3	TMB 611'63(3703-1 etc)JT/sy 8/21/63		
	Q/D: Rd par 30 (0.251 Ac) dropped into Road	5.719 Ac	State of Hawaii
	Alexander & Baldwin, Inc To: State of Hawaii		KAHULUI SCHOOL
	Bk 4543 p 140 Cons-$1 4/5/63 7/1/63		
	F/D: 3704-3; Area, bdry		
4	TMB M-10'71-72 GS/en 7/8/71		
	R/S: 3704-3, area revised to 5.713 Ac &	5.572 Ac	do
	subd into Lots A(5.572 Ac) & B(0.141 Ac)		
	per CSF 15041 & 15042 dated 9/27/66		
	Lot B(0.141 Ac) dropped into Rd (KANE ST.)		
	F/D: 3704-3; Area, des & bdry		
5.	Rev Prmt No S-4986: State of Hawaii To:		
	Maui Economic Opportunity Inc Effec Date:	do	do
	10/1/73 Rental: Gratis Purpose: Operate		
	a farmer's booth Info fr L/O 11/21/73		
	KEYED ONLY		

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

TERRITORY OF HAWAII
TAX COMMISSIONER
ATION MAPS BUREAU

TMB NO. 5 - TITLE HISTORY & RECAP SHEET

Official Land Records

Search and purchase land documents recorded by the Bureau of Conveyances

My Cart 0

Search Help

Found 5 document(s).

Show 10 rows

Filter

Document Number*	Grantor	Grantee	Instrument Code**	Recording Date	TMK
T10546056	KAPDON LLC	SANOM LLC	D-DEED	2018-11-16	1-2-7-004-008
T10546057	SANOM LLC SANJIDEH SHARDAD SANJIDEH ZOHREH SANJIDEH ZORCH	CENTRAL PACIFIC BANK	MFS-MORTGAGE & FINANCING STATEMENT	2018-11-16	1-2-7-004-008
T3753295	SATO KENNETH K TR SATO GERALD K TR	TSUMOTO GORDON S TR	D-DEED	2008-05-29	1-2-7-004-008
T3753295	SATO KENNETH K TR SATO GERALD K TR	TSUMOTO GORDON S TR	D-DEED	2008-05-29	1-2-7-004-008
T9653218	TSUMOTO GORDON S TRUSTEE	KAPDON LLC	D-DEED	2016-06-06	1-2-7-004-008

* Read about **document number formats**.

** Read the **list of instrument codes**.

Showing 1 to 5 of 5 entries

First Previous 1 Next Last

Island of Maui, Hawaii (HI980)

Island of Maui, Hawaii (HI980)

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Fd	Fill land	5.7	45.3%
PZUE	Puuone sand, 7 to 30 percent slopes	6.9	54.7%
Totals for Area of Interest		**12.6**	**100.0%**



REGULATORY RECORDS DOCUMENTATION

Government Records Report | 2019

Order Number: 27336

Report Generated: 02/20/2019

Project Name: Kahului Center

Project Number: 1902-00081-PH1

Kahului Site
153 West Kaahumanu Avenue
Kahului, Hawaii

2 Corporate Drive
Suite 450
Shelton, CT 06484
Toll Free: 866-211-2028
www.envirositecorp.com

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Envirosite Corporation has conducted a search of all reasonably ascertainable records in accordance with EPA's AAI (40 CFR Part 312) requirements and the ASTM E-1527-13 Environmental Site Assessments standard.

SUBJECT PROPERTY INFORMATION:

ADDRESS:

Kahului Site
153 West Kaahumanu Avenue
Kahului, Hawaii

COORDINATES:

Latitude (North):	20.888683 - 20°53'19.3"
Longitude (West):	-156.471823 - -156°28'18.6"
Universal Transverse Mercator:	Zone 4N
UTM X (Meters):	763008.79
UTM Y (Meters):	2311897.79

ELEVATION:

Elevation:	8.130 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH SUBJECT PROPERTY:

Subject Property Map: 20156-G4 Wailuku, HI
Most Recent Revision: 2017

MAP ID	SITE NAME	ADDRESS	DATABASE(S)	RELATIVE ELEVATION	DIRECTION / DISTANCE
A1	FARMER PESTICIDE DISPOSAL PROJECT	28-10 BEECH RD	ECHO, FRS, RCRA_NONGEN	Lower	NW / 0.017 mi.
A2	OFFICE ENVIRONMENTAL QUAL CONT	28 10 BEACH RD	ECHO, FRS, RCRA_NONGEN	Lower	NW / 0.017 mi.
B3	ILIMA SHELL	137 KAAHUMANU AVE	ECHO, FRS, RCRA_CESQG	Lower	NNE / 0.019 mi.
B4	SHELL OIL COMPANY	137 KAAHUMANU AVE	RCRA_NONGEN	Lower	NNE / 0.019 mi.
B5	MAUI PALMS HOTEL UST	150 KAAHUMANU AVE	SHWS - HI	Lower	NNE / 0.019 mi.
B6	ILIMA SHELL	137 W. KAAHUMANU AVENUE	LUST - HI, UST - HI	Lower	NNE / 0.024 mi.
A7	JR DORAN INC. DBA CERAMIC TILE PLUS	25 S. KAHULUI BEACH ROAD	ECHO, FRS, RCRA_LQG	Lower	NW / 0.037 mi.
B8	PORT TOWN CHEVRON	109 KAAHUMANU AVE	LUST - HI, UST - HI	Lower	NE / 0.057 mi.
B9	PORT TOWN CHEVRON	109 W. KAAHUMANU AVE.	RCRA_CESQG	Lower	NE / 0.078 mi.
C10	MAUI PINEAPPLE CO LTD, KANE STREE...	106 S KANE ST	I C - HI, SHWS - HI	Higher	S / 0.090 mi.
C11	MAUI PINEAPPLE CO LTD, KANE STREE...	106 S KANE ST	I C - HI, SHWS - HI	Higher	S / 0.090 mi.
D12	THE WASH HOUSE	74 LONO AVE	HIST LUST - HI, UST - HI	Lower	ESE / 0.095 mi.
B13	32 LONO AVENUE	32 LONO AVE	SHWS - HI, SPILLS - HI	Lower	ENE / 0.096 mi.
B14	KAAHUMANU AVE & LONO AVE	KAAHUMANU AVE & LONO AVE	SPILLS - HI	Lower	NE / 0.102 mi.
D15	LLOYD'S KAHULUI CHEVRON	130 W KAMEHAMEHA AVE	LUST - HI, UST - HI	Lower	ESE / 0.102 mi.
D16	KAHULUI SERVICE, INC DBA LLOYD'S ...	130 W KAMEHAMEHA AVE	SHWS - HI, SPILLS - HI	Lower	ESE / 0.102 mi.
D17	CHEVRON 92619	130 W KAMEHAMEHA AVE	ECHO, FRS, RCRA_NONGEN	Lower	ESE / 0.102 mi.
C18	MAUI PINEAPPLE CO., LTD - CARP S	120 KANE ST	LUST - HI, UST - HI	Higher	S / 0.103 mi.
C19	MAUI PINEAPPLE COMPANY, LTD. - P	120 KANE ST	LUST - HI, UST - HI	Higher	S / 0.103 mi.
C20	MAUI PINEAPPLE CO. LTD -- KAHULUI ...	120 KANE ST	LUST - HI, UST - HI	Higher	S / 0.103 mi.
C21	MAUI PINEAPPLE CO LTD, KANE STREET	120 KANE ST	SHWS - HI, SPILLS - HI	Higher	S / 0.103 mi.
C22	KAHULUI CANNERY MAUI PINEAPPLE	120 KANE STREET	RCRA_NONGEN	Higher	S / 0.103 mi.
C23	CAMERON CHEMICAL CORP	120 KANE STREET, BUILDING...	ECHO, FRS, RCRA_NONGEN	Higher	S / 0.103 mi.
D24	MECO TRANSFORMER 5317	95 LONO AVE	SPILLS - HI	Lower	ESE / 0.105 mi.
25	BREWER ENVIRONMENTAL INDUSTRIE...	65 KAHULUI BEACH RD	SHWS - HI, SPILLS - HI	Lower	NW / 0.110 mi.
26	MAUI PINEAPPLE CO LTD, KANE STREET	716 UMI	SHWS - HI, SPILLS - HI	Higher	SW / 0.172 mi.
E27	VIP CAR RENTAL	80 KAAHUMANU AVE	HIST LUST - HI, UST - HI	Lower	NE / 0.173 mi.
F28	LONGS DRUG STORE #10848	275 W KAAHUMANU AVE 1C01	BRS, ECHO, FRS, RCRA_LQG	Higher	W / 0.203 mi.
G29	MECO VEHICLE 411	210 KAMEHAMEHA AVE	I C - HI, SHWS - HI	Lower	SSE / 0.204 mi.
G30	PAD-MOUNT TRANSFORMER MECO	210 W KAMEHAMEHA AVE	SHWS - HI, SPILLS - HI	Lower	SSE / 0.204 mi.
G31	MAUI ELECTRIC COMPANY, LTD. KAHU...	210 WEST KAMEHAMEHA AVE	LUST - HI, UST - HI	Lower	SSE / 0.204 mi.
G32	MECO KAHULUI T & D BASE YARD	210 WEST KAMEHAMEHA AVE	LUST - HI, UST - HI	Lower	SSE / 0.204 mi.
G33	KAHULUI BASEYARD	210 W KAMEHAMEHA AVENUE	RCRA_SQG	Lower	SSE / 0.204 mi.
E34	KAHULUI SHOPPING CENTER	47 WEST KAAHUMANU AVENUE	ECHO, RCRA_SQG	Lower	ENE / 0.219 mi.
F35	SEARS ROEBUCK & CO	275 KAAHUMANU AVE	LUST - HI, UST - HI	Higher	W / 0.222 mi.
F36	SEARS AUTO CENTER	275 KAAHUMANU AVE	SHWS - HI	Higher	W / 0.222 mi.
F37	SEARS ROEBUCK AND COMPANY	275 KAAHUMANU AVE STE 100...	RCRA_CESQG	Higher	W / 0.222 mi.
F38	MACYS WEST KAAHUMANU	275 KAAHUMANU AVE STE 110...	FRS, RCRA_CESQG	Higher	W / 0.222 mi.

MAP ID	SITE NAME	ADDRESS	DATABASE(S)	RELATIVE ELEVATION	DIRECTION / DISTANCE
E39	O'REILLY AUTO PARTS STORE 3494	24 KAAHUMANU AVENUE STE...	ECHO, FRS, RCRA_CESQG	Lower	NE / 0.223 mi.
H40	MAUI MEAT COMPANY FACILITY (FORM...	601 2ND ST	SHWS - HI, SPILLS - HI	Lower	NE / 0.290 mi.
41	SUGAR MILL AUTO CARE CENTER	1130 PUUNENE AVE	HIST LUST - HI, UST - HI	Lower	ENE / 0.290 mi.
H42	CHEVRON STATION 94682	101 PUUNENE AVE	LUST - HI, UST - HI	Lower	NE / 0.296 mi.
H43	TESORO #61071	243 PUUNENE AVE	LUST - HI, UST - HI	Lower	NE / 0.299 mi.
I44	ALOHA SHELL	110 S PUUNENE ST	LUST - HI, UST - HI	Lower	E / 0.310 mi.
J45	MCC-AUTOMOTIVE TECHNOLOGY BUI...	310 KAAHUMANU AVE	SHWS - HI, SPILLS - HI	Higher	W / 0.330 mi.
J46	MAUI COMMUNITY COLLEGE	310 KAAHUMANU AVE	ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CE...	Higher	W / 0.330 mi.
47	LOT F3 SOUTH WAKEA AVENUE	231 S WAKEA AVE	I C - HI, SHWS - HI	Higher	SW / 0.332 mi.
I48	J'S SHELL STATION	147 S PUUNENE AVE	LUST - HI, UST - HI	Lower	E / 0.336 mi.
K49	WAKEA PAPA JOHN'S 76 (#301)	9 S WAKEA AVE	LUST - HI, UST - HI	Higher	W / 0.382 mi.
K50	MID PAC PETROLEUM 254653 (PREV: ...	9 S WAKEA AVE	LUST - HI, UST - HI	Higher	W / 0.382 mi.
51	W & F WASHERETTE, INC.	125 S WAKEA AVE	HIST LUST - HI, UST - HI	Higher	WSW / 0.385 mi.
52	YOUNG BROTHERS LTD	PIER 2	LUST - HI, UST - HI	Lower	NE / 0.388 mi.
53	HALEAKALA DAIRY	55 S WAKEA	HIST LUST - HI, UST - HI	Higher	WSW / 0.399 mi.
54	MINIT STOP WAKEA	85 S WAKEA AVE	ECHO, LUST - HI, UST - HI	Higher	WSW / 0.401 mi.
55	YOUNG BROTHERS KAHULUI	65 WHARF ST	SHWS - HI, SPILLS - HI	Lower	NE / 0.408 mi.
56	FUDS NAVY MILITARY RESERVATION ...	N/R	SHWS - HI	Lower	NNE / 0.520 mi.
L57	VIP WAREHOUSE	74 HOBRON AVE	SHWS - HI, SPILLS - HI	Lower	ENE / 0.658 mi.
L58	KAHULUI FUEL DISTRIBUTION TERMINAL	60 HOBRON AVE	SHWS - HI, SPILLS - HI	Lower	ENE / 0.661 mi.
L59	TOSCO BULK PLANT NUMBER 0323	76 HOBRON AVE	SHWS - HI	Lower	ENE / 0.662 mi.
M60	KAHULUI TERMINAL	100 HOBRON AVE	SHWS - HI, SPILLS - HI	Lower	ENE / 0.668 mi.
M61	KAHULUI HARBOR PARCEL B	140 HOBRON AVE	SHWS - HI	Lower	ENE / 0.671 mi.
62	HOBRON AVE AREA (KAHULUI)	HOBRON AVE	SHWS - HI	Lower	ENE / 0.740 mi.
63	ALII LINEN SERVICE (FKA SNOW WHIT...	312 ALAMAHA PL	I C - HI, SHWS - HI, SPILLS - HI	Higher	E / 0.866 mi.
64	MAUI DISPOSAL COMPANY	221 LALO PL	SHWS - HI, SPILLS - HI	Higher	ESE / 0.875 mi.
N65	HAWAII WOOD PRESERVING CO.	356 HANAKAI ST	SHWS - HI	Higher	E / 0.919 mi.
N66	MAUI TOYOTA FKA HI WOOD PRESERV...	356 HANAKAI STREET	BRS, HIST CORRACTS 2, RCRA_NONGEN	Higher	E / 0.919 mi.

SUBJECT PROPERTY SEARCH RESULTS:

The subject property was not listed in any of the databases searched by Envirosite Corporation.

SEARCH RESULTS:

FEDERAL RCRA CORRACTS FACILITIES LIST

HIST CORRACTS 2: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases that are no longer in current agency list. **1 SITE FOUND WITHIN 1 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
N66	*MAUI TOYOTA FKA HI WOOD PRESERVING CO*	*356 HANAKAI STREET*	*E / 0.919 mi.*	*165*

FEDERAL RCRA GENERATORS LIST

RCRA_CESQG: Resource Conservation and Recovery Act listing of licensed conditionally exempt small quantity generators **5 SITES FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
F37	SEARS ROEBUCK AND COMPANY	275 KAAHUMANU AVE STE 1000	W / 0.222 mi.	*103*
	- ID: HID981637994	Status: No Violation/Inspections	Date: N/A	
F38	*MACYS WEST KAAHUMANU*	*275 KAAHUMANU AVE STE 1100*	*W / 0.222 mi.*	*105*
	- ID: HIR000113506	Status: No Violation/Inspections	Date: N/A	

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
B3	*ILIMA SHELL*	*137 KAAHUMANU AVE*	*NNE / 0.019 mi.*	*30*
	- ID: HID982436628	Status: No Violation/Inspections	Date: N/A	
B9	PORT TOWN CHEVRON	109 W. KAAHUMANU AVE.	NE / 0.078 mi.	*47*
	- ID: HIR000142497	Status: No Violation/Inspections	Date: N/A	
E39	*O'REILLY AUTO PARTS STORE 3494*	*24 KAAHUMANU AVENUE STE 1*	*NE / 0.223 mi.*	*107*
	- ID: HIR000141986	Status: No Violation/Inspections	Date: N/A	

RCRA_LQG: Resource Conservation and Recovery Act listing of licensed large quantity generators **2 SITES FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
F28	*LONGS DRUG STORE #10848*	*275 W KAAHUMANU AVE 1C01*	*W / 0.203 mi.*	*79*
	- ID: HIR000143487	Status: No Violation/Inspections	Date: N/A	

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
A7	*JR DORAN INC. DBA CERAMIC TILE PLUS*	*25 S. KAHULUI BEACH ROAD*	*NW / 0.037 mi.*	*39*
	- ID: HIR000144394	Status: No Violation/Inspections	Date: N/A	

FEDERAL RCRA GENERATORS LIST *(cont.)*

RCRA_NONGEN: Resource Conservation and Recovery Act listing of licensed non-generators **6 SITES FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
C22	KAHULUI CANNERY MAUI PINEAPPLE	120 KANE STREET	S / 0.103 mi.	*68*
	- ID: HID990675845	Status: No Violation/Inspections	Date: N/A	
C23	*CAMERON CHEMICAL CORP*	*120 KANE STREET, BUILDING 1*	*S / 0.103 mi.*	*70*
	- ID: HIR000145060	Status: No Violation/Inspections	Date: N/A	

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
A1	*FARMER PESTICIDE DISPOSAL PROJECT*	*28-10 BEECH RD*	*NW / 0.017 mi.*	*24*
	- ID: HID982025934	Status: No Violation/Inspections	Date: N/A	
A2	*OFFICE ENVIRONMENTAL QUAL CONT*	*28 10 BEACH RD*	*NW / 0.017 mi.*	*27*
	- ID: HID982339186	Status: No Violation/Inspections	Date: N/A	
B4	SHELL OIL COMPANY	137 KAAHUMANU AVE	NNE / 0.019 mi.	*35*
	- ID: HID982435885	Status: No Violation/Inspections	Date: N/A	
D17	*CHEVRON 92619*	*130 W KAMEHAMEHA AVE*	*ESE / 0.102 mi.*	*59*
	- ID: HIR000141267	Status: No Violation/Inspections	Date: N/A	

RCRA_SQG: Resource Conservation and Recovery Act listing of licensed small quantity generators **2 SITES FOUND WITHIN .25 MILE**

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
G33	KAHULUI BASEYARD	210 W KAMEHAMEHA AVENUE	SSE / 0.204 mi.	*96*
	- ID: HID006927164	Status: No Violation/Inspections	Date: N/A	
E34	*KAHULUI SHOPPING CENTER*	*47 WEST KAAHUMANU AVENUE*	*ENE / 0.219 mi.*	*98*
	- ID: HIR000145318	Status: No Violation/Inspections	Date: N/A	

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS

UST - HI: Underground storage tank listing **11 SITES FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
C18	*MAUI PINEAPPLE CO., LTD - CARP S*	*120 KANE ST*	*S / 0.103 mi.*	*62*
	- ID: Facility ID 9-502695	Status: N/A	Date: N/A	
	- ID: Tank ID R-4	Status: Permanently Out of Use	Date: Date Closed 04/27/1995	
	- ID: Tank ID R-5	Status: Permanently Out of Use	Date: Date Closed 08/10/1994	
C19	*MAUI PINEAPPLE COMPANY, LTD. - P*	*120 KANE ST*	*S / 0.103 mi.*	*64*
	- ID: Facility ID 9-502696	Status: N/A	Date: N/A	
	- ID: Tank ID R-6	Status: Permanently Out of Use	Date: Date Closed 12/01/1991	

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS *(cont.)*

UST - HI: Underground storage tank listing **11 SITES FOUND WITHIN .25 MILE**

EQUAL/HIGHER ELEVATION *(cont.)*

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
	- ID: Tank ID R-7	Status: Permanently Out of Use	Date: Date Closed 12/01/1991	
C20	*MAUI PINEAPPLE CO. LTD -- KAHULUI CANNERY*	*120 KANE ST*	*S / 0.103 mi.*	*65*
	- ID: Facility ID 9-501832	Status: N/A	Date: N/A	
	- ID: Tank ID R-2	Status: Permanently Out of Use	Date: Date Closed 11/01/1990	
	- ID: Tank ID R-3	Status: Permanently Out of Use	Date: Date Closed 11/01/1990	
F35	*SEARS ROEBUCK & CO*	*275 KAAHUMANU AVE*	*W / 0.222 mi.*	*101*
	- ID: Facility ID 9-501848	Status: N/A	Date: N/A	
	- ID: Tank ID R-1	Status: Permanently Out of Use	Date: Date Closed 11/01/1993	

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
B6	*ILIMA SHELL*	*137 W. KAAHUMANU AVENUE*	*NNE / 0.024 mi.*	*37*
	- ID: Facility ID 9-501005	Status: N/A	Date: N/A	
	- ID: Tank ID R-1	Status: Permanently Out of Use	Date: Date Closed 04/23/1998	
	- ID: Tank ID R-2	Status: Permanently Out of Use	Date: Date Closed 04/23/1998	
	- ID: Tank ID R-3	Status: Permanently Out of Use	Date: Date Closed 04/23/1998	
	- ID: Tank ID R-4	Status: Permanently Out of Use	Date: Date Closed 04/23/1998	
	There are an additional 4 status records, see site details.			
B8	*PORT TOWN CHEVRON*	*109 KAAHUMANU AVE*	*NE / 0.057 mi.*	*44*
	- ID: Facility ID 9-501888	Status: N/A	Date: N/A	
	- ID: Tank ID 001A	Status: Currently in Use	Date: Date Closed N/R	
	- ID: Tank ID 002A	Status: Currently in Use	Date: Date Closed N/R	
	- ID: Tank ID 003A	Status: Currently In Use	Date: Date Closed N/R	
	- ID: Tank ID R-001	Status: Permanently Out of Use	Date: Date Closed 02/01/1987	
	There are an additional 6 status records, see site details.			
D12	*THE WASH HOUSE*	*74 LONO AVE*	*ESE / 0.095 mi.*	*52*
	- ID: Facility ID 9-501576	Status: N/A	Date: N/A	
	- ID: Tank ID R-1	Status: Permanently Out of Use	Date: Date Closed 11/12/1991	
D15	*LLOYD'S KAHULUI CHEVRON*	*130 W KAMEHAMEHA AVE*	*ESE / 0.102 mi.*	*56*
	- ID: Facility ID 9-501245	Status: N/A	Date: N/A	
	- ID: Tank ID r-4	Status: Permanently Out of Use	Date: Date Closed 08/20/2004	
	- ID: Tank ID 1	Status: Currently in Use	Date: Date Closed N/R	
	- ID: Tank ID 2	Status: Currently in Use	Date: Date Closed N/R	
	- ID: Tank ID 3	Status: Currently in Use	Date: Date Closed N/R	
E27	*VIP CAR RENTAL*	*80 KAAHUMANU AVE*	*NE / 0.173 mi.*	*79*
	- ID: Facility ID 9-501882	Status: N/A	Date: N/A	
	- ID: Tank ID R-1	Status: Permanently Out of Use	Date: Date Closed 01/23/1997	

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS *(cont.)*

UST - HI: Underground storage tank listing **11 SITES FOUND WITHIN .25 MILE**

LOWER ELEVATION *(cont.)*

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
G31	*MAUI ELECTRIC COMPANY, LTD. KAHULUI BASE YARD*	*210 WEST KAMEHAMEHA AVE*	*SSE / 0.204 mi.*	*95*
	- ID: Facility ID 9-500956	Status: N/A	Date: N/A	
	- ID: Tank ID R-1	Status: Permanently Out of Use	Date: Date Closed 11/14/1989	
	- ID: Tank ID R-2	Status: Permanently Out of Use	Date: Date Closed 11/14/1989	
	- ID: Tank ID 1	Status: Currently in Use	Date: Date Closed N/R	
G32	*MECO KAHULUI T & D BASE YARD*	*210 WEST KAMEHAMEHA AVE*	*SSE / 0.204 mi.*	*96*
	- ID: Facility ID 9-500956	Status: N/A	Date: N/A	
	- ID: Tank ID R-2	Status: Permanently Out of Use	Date: Date Closed 11/14/1989	

STATE AND TRIBAL LEAKING STORAGE TANK LISTS

HIST LUST - HI: List of leaking underground storage tank sites that are no longer in current agency list. **5 SITES FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
51	*W & F WASHERETTE, INC.*	*125 S WAKEA AVE*	*WSW / 0.385 mi.*	*136*
53	*HALEAKALA DAIRY*	*55 S WAKEA*	*WSW / 0.399 mi.*	*138*

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
D12	*THE WASH HOUSE*	*74 LONO AVE*	*ESE / 0.095 mi.*	*52*
E27	*VIP CAR RENTAL*	*80 KAAHUMANU AVE*	*NE / 0.173 mi.*	*79*
41	*SUGAR MILL AUTO CARE CENTER*	*1130 PUUNENE AVE*	*ENE / 0.290 mi.*	*113*

LUST - HI: Leaking underground storage tank sites listing **18 SITES FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
C18	*MAUI PINEAPPLE CO., LTD - CARP S*	*120 KANE ST*	*S / 0.103 mi.*	*62*
	- ID: Facility ID 9-502695	Status: N/A	Date: N/A	
	- ID: Event ID 950086	Status: Site Cleanup Completed (NFA)	Date: 10/28/1997	
	- ID: Event ID 940179	Status: Site Cleanup Completed (NFA)	Date: 04/28/1995	
C19	*MAUI PINEAPPLE COMPANY, LTD. - P*	*120 KANE ST*	*S / 0.103 mi.*	*64*
	- ID: Facility ID 9-502696	Status: N/A	Date: N/A	
	- ID: Event ID 090006	Status: Site Cleanup Completed (NFA)	Date: 02/11/2009	
C20	*MAUI PINEAPPLE CO. LTD -- KAHULUI CANNERY*	*120 KANE ST*	*S / 0.103 mi.*	*65*
	- ID: Facility ID 9-501832	Status: N/A	Date: N/A	
	- ID: Event ID 900052	Status: Site Cleanup Completed (NFA)	Date: 10/16/2007	

STATE AND TRIBAL LEAKING STORAGE TANK LISTS *(cont.)*

LUST - HI: Leaking underground storage tank sites listing **18 SITES FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION *(cont.)*

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
F35	*SEARS ROEBUCK & CO*	*275 KAAHUMANU AVE*	*W / 0.222 mi.*	*101*
	- ID: Facility ID 9-501848	Status: N/A	Date: N/A	
	- ID: Event ID 940042	Status: Site Cleanup Completed (NFA)	Date: 06/16/1998	
J46	*MAUI COMMUNITY COLLEGE*	*310 KAAHUMANU AVE*	*W / 0.330 mi.*	*121*
	- ID: Facility ID 9-502687	Status: N/A	Date: N/A	
	- ID: Event ID 990071	Status: Site Cleanup Completed (NFA)	Date: 05/06/2005	
K49	*WAKEA PAPA JOHN'S 76 (#301)*	*9 S WAKEA AVE*	*W / 0.382 mi.*	*133*
	- ID: Facility ID 9-500007	Status: N/A	Date: N/A	
	- ID: Event ID suspected	Status: Suspected release	Date: 08/10/2018	
	- ID: Event ID 950017	Status: Site Cleanup Completed with EHE/EHMP	Date: 08/18/2011	
K50	*MID PAC PETROLEUM 254653 (PREV: CENTRAL 76 L-4653)*	*9 S WAKEA AVE*	*W / 0.382 mi.*	*135*
	- ID: Facility ID 9-500007	Status: N/A	Date: N/A	
	- ID: Event ID 950017	Status: Site Cleanup Completed with EHE/EHMP	Date: 08/18/2011	
54	*MINIT STOP WAKEA*	*85 S WAKEA AVE*	*WSW / 0.401 mi.*	*139*
	- ID: Facility ID 9-500423	Status: N/A	Date: N/A	
	- ID: Event ID 990066	Status: Site Cleanup Completed (NFA)	Date: 04/01/1999	

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
B6	*ILIMA SHELL*	*137 W. KAAHUMANU AVENUE*	*NNE / 0.024 mi.*	*37*
	- ID: Facility ID 9-501005	Status: N/A	Date: N/A	
	- ID: Event ID 980104	Status: Site Cleanup Completed (NFA)	Date: 09/15/2003	
B8	*PORT TOWN CHEVRON*	*109 KAAHUMANU AVE*	*NE / 0.057 mi.*	*44*
	- ID: Facility ID 9-501888	Status: N/A	Date: N/A	
	- ID: Event ID 870002	Status: Site Cleanup Completed with EHE/EHMP	Date: 01/30/2015	
D15	*LLOYD'S KAHULUI CHEVRON*	*130 W KAMEHAMEHA AVE*	*ESE / 0.102 mi.*	*56*
	- ID: Facility ID 9-501245	Status: N/A	Date: N/A	
	- ID: Event ID 040011	Status: Site Cleanup Completed (NFA)	Date: 06/08/2009	
	- ID: Event ID 040068	Status: Site Cleanup Completed (NFA)	Date: 06/08/2009	
G31	*MAUI ELECTRIC COMPANY, LTD. KAHULUI BASE YARD*	*210 WEST KAMEHAMEHA AVE*	*SSE / 0.204 mi.*	*95*
	- ID: Facility ID 9-500956	Status: N/A	Date: N/A	
	- ID: Event ID 900017	Status: Site Cleanup Completed (NFA)	Date: 08/26/1999	
G32	*MECO KAHULUI T & D BASE YARD*	*210 WEST KAMEHAMEHA AVE*	*SSE / 0.204 mi.*	*96*
	- ID: Facility ID 9-500956	Status: N/A	Date: N/A	

STATE AND TRIBAL LEAKING STORAGE TANK LISTS *(cont.)*

LUST - HI: Leaking underground storage tank sites listing **18 SITES FOUND WITHIN .5 MILE**

LOWER ELEVATION *(cont.)*

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
	- ID: Event ID 900017	Status: Site Cleanup Completed (NFA)	Date: 08/26/1999	
H42	*CHEVRON STATION 94682*	*101 PUUNENE AVE*	*NE / 0.296 mi.*	*116*
	- ID: Facility ID 9-501126	Status: N/A	Date: N/A	
	- ID: Event ID 970125	Status: Site Cleanup Completed (NFA)	Date: 06/10/2004	
H43	*TESORO #61071*	*243 PUUNENE AVE*	*NE / 0.299 mi.*	*117*
	- ID: Facility ID 9-502743	Status: N/A	Date: N/A	
	- ID: Event ID 180009	Status: Confirmed Release	Date: 01/05/2018	
	- ID: Event ID 120005	Status: Site Cleanup Completed with EHE/EHMP	Date: 02/03/2015	
I44	*ALOHA SHELL*	*110 S PUUNENE ST*	*E / 0.310 mi.*	*118*
	- ID: Facility ID 9-501006	Status: N/A	Date: N/A	
	- ID: Event ID 080014	Status: Site Cleanup Completed (NFA)	Date: 11/30/2012	
I48	*J'S SHELL STATION*	*147 S PUUNENE AVE*	*E / 0.336 mi.*	*131*
	- ID: Facility ID 9-500422	Status: N/A	Date: N/A	
	- ID: Event ID 060024	Status: Site Cleanup Completed (NFA)	Date: 02/11/2011	
	- ID: Event ID 920014	Status: Site Cleanup Completed (NFA)	Date: 02/11/2011	
52	*YOUNG BROTHERS LTD*	*PIER 2*	*NE / 0.388 mi.*	*137*
	- ID: Facility ID 9-500667	Status: N/A	Date: N/A	
	- ID: Event ID 000089	Status: Site Cleanup Completed (NFA)	Date: 05/16/2003	

STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

I C - HI: Remediation sites with institutional controls **4 SITES FOUND WITHIN .5 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
C10	*MAUI PINEAPPLE CO LTD, KANE STREET LOT 2 TANK AREA PORTION*	*106 S KANE ST*	*S / 0.090 mi.*	*48*
C11	*MAUI PINEAPPLE CO LTD, KANE STREET LOT 2 CANNERY BUILDING PORTION*	*106 S KANE ST*	*S / 0.090 mi.*	*50*
47	*LOT F3 SOUTH WAKEA AVENUE*	*231 S WAKEA AVE*	*SW / 0.332 mi.*	*129*

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
G29	*MECO VEHICLE 411*	*210 KAMEHAMEHA AVE*	*SSE / 0.204 mi.*	*91*

STATE- AND TRIBAL - EQUIVALENT CERCLIS

SHWS - HI: Listing of state hazardous waste sites **25 SITES FOUND WITHIN 1 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
C10	*MAUI PINEAPPLE CO LTD, KANE STREET LOT 2 TANK AREA PORTION*	*106 S KANE ST*	*S / 0.090 mi.*	*48*
	- ID: Facility Registry Identifier 110000486402	Status: Response Complete	Date: 06/10/2013	
C11	*MAUI PINEAPPLE CO LTD, KANE STREET LOT 2 CANNERY BUILDING PORTION*	*106 S KANE ST*	*S / 0.090 mi.*	*50*
	- ID: Facility Registry Identifier 110000486402	Status: Response Complete	Date: 06/10/2013	
C21	*MAUI PINEAPPLE CO LTD, KANE STREET*	*120 KANE ST*	*S / 0.103 mi.*	*66*
	- ID: Facility Registry Identifier 110000486402	Status: N/R	Date: N/R	
26	*MAUI PINEAPPLE CO LTD, KANE STREET*	*716 UMI*	*SW / 0.172 mi.*	*77*
	- ID: Facility Registry Identifier 110000486402	Status: N/R	Date: N/R	
F36	SEARS AUTO CENTER	275 KAAHUMANU AVE	W / 0.222 mi.	*102*
	- ID: Facility Registry Identifier 110006399879	Status: N/R	Date: N/R	
J45	*MCC-AUTOMOTIVE TECHNOLOGY BUILDING CONTAMINATION*	*310 KAAHUMANU AVE*	*W / 0.330 mi.*	*120*
	- ID: Facility Registry Identifier 110013767593	Status: N/R	Date: 04/04/2003	
47	*LOT F3 SOUTH WAKEA AVENUE*	*231 S WAKEA AVE*	*SW / 0.332 mi.*	*129*
	- ID: Facility Registry Identifier N/R	Status: Response Complete	Date: 04/10/2012	
63	*ALII LINEN SERVICE (FKA SNOW WHITE LINEN)*	*312 ALAMAHA PL*	*E / 0.866 mi.*	*159*
	- ID: Facility Registry Identifier 110013771374	Status: Response Complete	Date: 11/09/2011	
64	*MAUI DISPOSAL COMPANY*	*221 LALO PL*	*ESE / 0.875 mi.*	*161*
	- ID: Facility Registry Identifier 110013767218	Status: Response Complete	Date: 02/14/2002	
N65	HAWAII WOOD PRESERVING CO.	356 HANAKAI ST	E / 0.919 mi.	*164*
	- ID: Facility Registry Identifier 110000486386	Status: Response Complete	Date: 12/29/2008	

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
B5	MAUI PALMS HOTEL UST	150 KAAHUMANU AVE	NNE / 0.019 mi.	*36*
	- ID: Facility Registry Identifier 110013766754	Status: N/R	Date: 11/22/1999	

STATE- AND TRIBAL - EQUIVALENT CERCLIS *(cont.)*

SHWS - HI: Listing of state hazardous waste sites **25 SITES FOUND WITHIN 1 MILE**

LOWER ELEVATION *(cont.)*

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
B13	*32 LONO AVENUE*	*32 LONO AVE*	*ENE / 0.096 mi.*	*53*
	- ID: Facility Registry Identifier N/R	Status: Response Complete	Date: 12/10/2004	
D16	*KAHULUI SERVICE, INC DBA LLOYD'S KAHULUI CHEVRON*	*130 W KAMEHAMEHA AVE*	*ESE / 0.102 mi.*	*57*
	- ID: Facility Registry Identifier 110013788829	Status: N/R	Date: 08/24/2005	
25	*BREWER ENVIRONMENTAL INDUSTRIES-KAHULUI BEACH ROAD*	*65 KAHULUI BEACH RD*	*NW / 0.110 mi.*	*75*
	- ID: Facility Registry Identifier 110013779884	Status: N/R	Date: 06/25/1998	
G29	*MECO VEHICLE 411*	*210 KAMEHAMEHA AVE*	*SSE / 0.204 mi.*	*91*
	- ID: Facility Registry Identifier 110013766576	Status: Response Complete	Date: 01/11/2013	
G30	*PAD-MOUNT TRANSFORMER MECO*	*210 W KAMEHAMEHA AVE*	*SSE / 0.204 mi.*	*93*
	- ID: Facility Registry Identifier N/R	Status: Response Complete	Date: 04/23/2012	
H40	*MAUI MEAT COMPANY FACILITY (FORMER), UST CLOSURE*	*601 2ND ST*	*NE / 0.290 mi.*	*112*
	- ID: Facility Registry Identifier 110013767245	Status: N/R	Date: 12/11/1998	
55	*YOUNG BROTHERS KAHULUI*	*65 WHARF ST*	*NE / 0.408 mi.*	*143*
	- ID: Facility Registry Identifier 110013774576	Status: Response Complete	Date: 07/01/2004	
56	FUDS NAVY MILITARY RESERVATION (KAHULUI)		NNE / 0.520 mi.	*145*
	- ID: Facility Registry Identifier N/R	Status: N/R	Date: N/R	
L57	*VIP WAREHOUSE*	*74 HOBRON AVE*	*ENE / 0.658 mi.*	*146*
	- ID: Facility Registry Identifier 110013773265	Status: N/R	Date: N/R	
L58	*KAHULUI FUEL DISTRIBUTION TERMINAL*	*60 HOBRON AVE*	*ENE / 0.661 mi.*	*148*
	- ID: Facility Registry Identifier 110013788856	Status: Response Ongoing	Date: N/R	
L59	TOSCO BULK PLANT NUMBER 0323	76 HOBRON AVE	ENE / 0.662 mi.	*150*
	- ID: Facility Registry Identifier 110007501881	Status: Response Complete	Date: 03/10/2004	
M60	*KAHULUI TERMINAL*	*100 HOBRON AVE*	*ENE / 0.668 mi.*	*151*
	- ID: Facility Registry Identifier 110001764083	Status: Response Ongoing	Date: N/R	
M61	KAHULUI HARBOR PARCEL B	140 HOBRON AVE	ENE / 0.671 mi.	*156*
	- ID: Facility Registry Identifier N/R	Status: N/R	Date: N/R	

STATE- AND TRIBAL - EQUIVALENT CERCLIS *(cont.)*

SHWS - HI: Listing of state hazardous waste sites **25 SITES FOUND WITHIN 1 MILE**

LOWER ELEVATION *(cont.)*

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
62	HOBRON AVE AREA (KAHULUI)	HOBRON AVE	ENE / 0.740 mi.	*157*
	- ID: Facility Registry Identifier 110013785662	Status: Response Ongoing	Date: N/R	

RECORDS OF EMERGENCY RELEASE REPORTS

SPILLS - HI: Oil and hazardous material spills report sites **6 SITES FOUND WITHIN .125 MILE**

EQUAL/HIGHER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
C21	*MAUI PINEAPPLE CO LTD, KANE STREET*	*120 KANE ST*	*S / 0.103 mi.*	*66*
	- ID: Case Number 19891108-1	Status: Response	Date: N/R	
	- ID: Case Number 19960802-0915	Status: Response	Date: N/R	

LOWER ELEVATION

MAP ID	SITE NAME	SITE ADDRESS	DIRECTION/DISTANCE	PAGE
B13	*32 LONO AVENUE*	*32 LONO AVE*	*ENE / 0.096 mi.*	*53*
	- ID: Case Number 20030822-1400	Status: Response	Date: N/R	
B14	KAAHUMANU AVE & LONO AVE	KAAHUMANU AVE & LONO AVE	NE / 0.102 mi.	*55*
	- ID: Case Number 19950204-2	Status: Response	Date: N/R	
D16	*KAHULUI SERVICE, INC DBA LLOYD'S KAHULUI CHEVRON*	*130 W KAMEHAMEHA AVE*	*ESE / 0.102 mi.*	*57*
	- ID: Case Number 20040721-1514	Status: Response	Date: 08/24/2005	
D24	MECO TRANSFORMER 5317	95 LONO AVE	ESE / 0.105 mi.	*74*
	- ID: Case Number 20040622-1628	Status: Response	Date: 07/29/2004	
25	*BREWER ENVIRONMENTAL INDUSTRIES-KAHULUI BEACH ROAD*	*65 KAHULUI BEACH RD*	*NW / 0.110 mi.*	*75*
	- ID: Case Number 19940718	Status: Response	Date: N/R	

Following sites were unable to be mapped.

SITE NAME:	ADDRESS, CITY, ZIP:	DATABASE(S):
A&B PROPERTIES, INC., AGRICULTURAL D...	HALEAKALA ST, KAHULUI	SHWS - HI
A&B PROPERTIES, INC., SUSPECTED FORM...	HALEAKALA ST, KAHULUI 96732	SHWS - HI
A&B PROPERTY, 55-GALLON DRUMS BY H...	HALEAKALA HWY, KAHULUI 96732	SPILLS - HI
ALEXANDER & BALDWIN DUMP SITE	WEST PAPA AVENUE, KAHULUI 96732	CERCLIS NFRAP, SEMS_8R_ARCHIVED SITES
AVIS RENT-A-CAR SYSTEM INC (PMID OGG...	KAHULUI AIRPORT, KAHULUI 96732	HIST LUST - HI, UST - HI
DOTA EMERGENCY GENERATOR BLDG TE...	KAHULUI AIRPORT, KAHULUI 96732	HIST LUST - HI
E & E BLACK CONTRACTORS	AMALA PLACE, KAHULUI 96732	CERCLIS NFRAP, SEMS_8R_ARCHIVED SITES
F & M CONTRACTORS, INC.	AMALA PLACE, KAHULUI 96732	CERCLIS-HIST, FRS, SEMS_8R_ACTIVE SITES
HAWAIIAN HOMES SPS (PAUKAKALO)	WAIEHU BEACH RD/KUKONA ..., KAHULUI ...	HIST LUST - HI, UST - HI
HI DOT HIGHWAYS DIVISION	HANSEN RD - OLD BASEYAR..., KAHULUI 96732	HIST LUST - HI, UST - HI
KANAHA POND EAST	AMALA PLACE, KAHULUI 96732	CERCLIS NFRAP, SEMS_8R_ARCHIVED SITES
KING'S TOWING	AMALA PLACE, KAHULUI 96732	CERCLIS NFRAP, SEMS_8R_ARCHIVED SITES
KUAU SPS 2	HANA HWY / AOLANI PL, KAHULUI 96732	FRS, HIST LUST - HI, UST - HI

Following sites were unable to be mapped. ***(cont.)***

SITE NAME:	ADDRESS, CITY, ZIP:	DATABASE(S):
MAUI PINEAPPLE CO LTD, SEED TREATMEN...	HALEAKALA HWY, KAHULUI 96732	SHWS - HI
MAUI SVC LTD	TMK 3 7 11 17, KAHULUI 96732	RCRA_NONGEN
MECO POLE-MOUNT TRANSFORMER NO. 4...	KAAHUMANU AVE, WAILUKU 96732	SPILLS - HI
MECO POLE-MOUNT TRANSFORMER NO. 6492	CORNER OF PUUNENE & KAA..., KAHULUI ...	SPILLS - HI
MECO VEHICLE HYDRAULIC OIL RELEASE	HANA HWY E7, KAHULUI 96732	SPILLS - HI
RAINBOW HAULING	AMALA PLACE, KAHULUI 96732	CERCLIS NFRAP, SEMS_8R_ARCHIVED SITES
SAFEWAY FUEL CENTER	SWC HOOKELE ST AND HANA..., KAHULUI ...	UST - HI
SMILE'S JUNK YARD	AMALA PLACE, KAHULUI 96732	CERCLIS NFRAP, SEMS_8R_ARCHIVED SITES
WAIKAPU DUMP-MAUI COUNTY DUMP	CENTRAL MAUI, KAHULUI 96732	CERCLIS NFRAP, SEMS_8R_ARCHIVED SITES

DATABASE(S) WITH NO MAPPED SITES:

FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST

ARCHIVED RCRA TSDF	Archived Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities
RCRA_TSDF	Resource Conservation and Recovery Act: Treatment Storage and Disposal Facilities

FEDERAL CERCLIS LIST

CERCLIS NFRAP	Comprehensive Environmental Response Compensation and Liability Act No Further Remedial Action Planned
CERCLIS-HIST	Comprehensive Environmental Response Compensation and Liability Act
FEDERAL FACILITY	Federal Facility sites
SEMS_8R_ACTIVE SITES	Sites on SEMS Active Site Inventory
SEMS_8R_ARCHIVED SITES	Sites on SEMS Archived Site Inventory

FEDERAL RCRA CORRACTS FACILITIES LIST

CORRACTS	Hazardous Waste Corrective Action

FEDERAL DELISTED NPL SITE LIST

DELISTED NPL	Delisted National Priority List
DELISTED PROPOSED NPL	Delisted proposed National Priority List
SEMS_DELETED NPL	Sites Deleted from National Priorities List

FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

EPA LF MOP	EPA Landfill Methane Outreach Project Database

FEDERAL ERNS LIST

ERNS	Emergency Response Notification System

FEDERAL RCRA GENERATORS LIST

HIST RCRA_CESQG	Historical Resource Conservation and Recovery Act_Conditionally Exempt Small Quantity Generators
HIST RCRA_LQG	Historical Resource Conservation and Recovery Act_ Large Quantity Generators
HIST RCRA_NONGEN	Historical Resource Conservation and Recovery Act_Non Generators
HIST RCRA_SQG	Historical Resource Conservation and Recovery Act_Small Quantity Generators

FEDERAL NPL SITE LIST

NPL	National Priority List
NPL EPA R1 GIS	GIS for EPA Region 1 NPL
NPL EPA R3 GIS	GIS for EPA Region 3 NPL
NPL EPA R6 GIS	GIS for EPA Region 6 NPL
NPL EPA R8 GIS	GIS for EPA Region 8 NPL
NPL EPA R9 GIS	GIS for EPA Region 9 NPL

FEDERAL NPL SITE LIST *(cont.)*

PART NPL	Part National Priority List
PROPOSED NPL	Proposed National Priority List
SEMS_FINAL NPL	Sites included on the Final National Priorities List
SEMS_PROPOSED NPL	Sites Proposed to be Added to the National Priorities List

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

RCRA IC_EC	RCRA sites with Institutional and Engineering Controls
FED E C	Engineering Controls
FED I C	Institutional Controls

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS

FEMA UST	FEMA Underground Storage Tanks
INDIAN UST R1	Underground Storage Tanks on Indian Land in EPA Region 1
INDIAN UST R10	Underground Storage Tanks on Indian Land in EPA Region 10
INDIAN UST R2	Underground Storage Tanks on Indian Land in EPA Region 2
INDIAN UST R4	Underground Storage Tanks on Indian Land in EPA Region 4
INDIAN UST R5	Underground Storage Tanks on Indian Land in EPA Region 5
INDIAN UST R6	Underground Storage Tanks on Indian Land in EPA Region 6
INDIAN UST R7	Underground Storage Tanks on Indian Land in EPA Region 7
INDIAN UST R8	Underground Storage Tanks on Indian Land in EPA Region 8
INDIAN UST R9	Underground Storage Tanks on Indian Land in EPA Region 9
AST - HI	Aboveground Storage Tanks
HIST AST - HI	Historical Aboveground Storage Tanks

STATE AND TRIBAL LEAKING STORAGE TANK LISTS

INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land in EPA Region 1
INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land in EPA Region 10
INDIAN LUST R2	Leaking Underground Storage Tanks on Indian Land in EPA Region 2
INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land in EPA Region 4
INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land in EPA Region 5
INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land in EPA Region 6
INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land in EPA Region 7
INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land in EPA Region 8
INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land in EPA Region 9

STATE AND TRIBAL BROWNFIELD SITES

TRIBAL BROWNFIELDS	Tribal Brownfields
BROWNFIELDS - HI	Brownfields

STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

SWF LF CLOSED - HI	Closed Solid Waste Facilities and Landfills
SWF/LF - HI	Solid Waste Facilities and Landfills

STATE AND TRIBAL VOLUNTARY CLEANUP SITES

VCP - HI	Voluntary Cleanup Program

LOCAL BROWNFIELD LISTS

BROWNFIELDS-ACRES	EPA ACRES Brownfields
FED BROWNFIELDS	Federal Brownfields

LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES

FED CDL	DOJ Clandestine Drug Labs
US HIST CDL	Historical Clandestine Drug Labs

LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES

HIST INDIAN ODI R8	Historical Open Dump Inventory
INDIAN ODI R8	Open Dump Inventory
ODI	Open Dump Inventory
TRIBAL ODI	Indian Open Dump Inventory Sites

RECORDS OF EMERGENCY RELEASE REPORTS

HMIRS (DOT)	Hazardous Materials Information Reporting Systems
HIST SPILLS - HI	Historical Spills

LOCAL LAND RECORDS

LIENS 2	CERCLA Lien Information

OTHER ASCERTAINABLE RECORDS

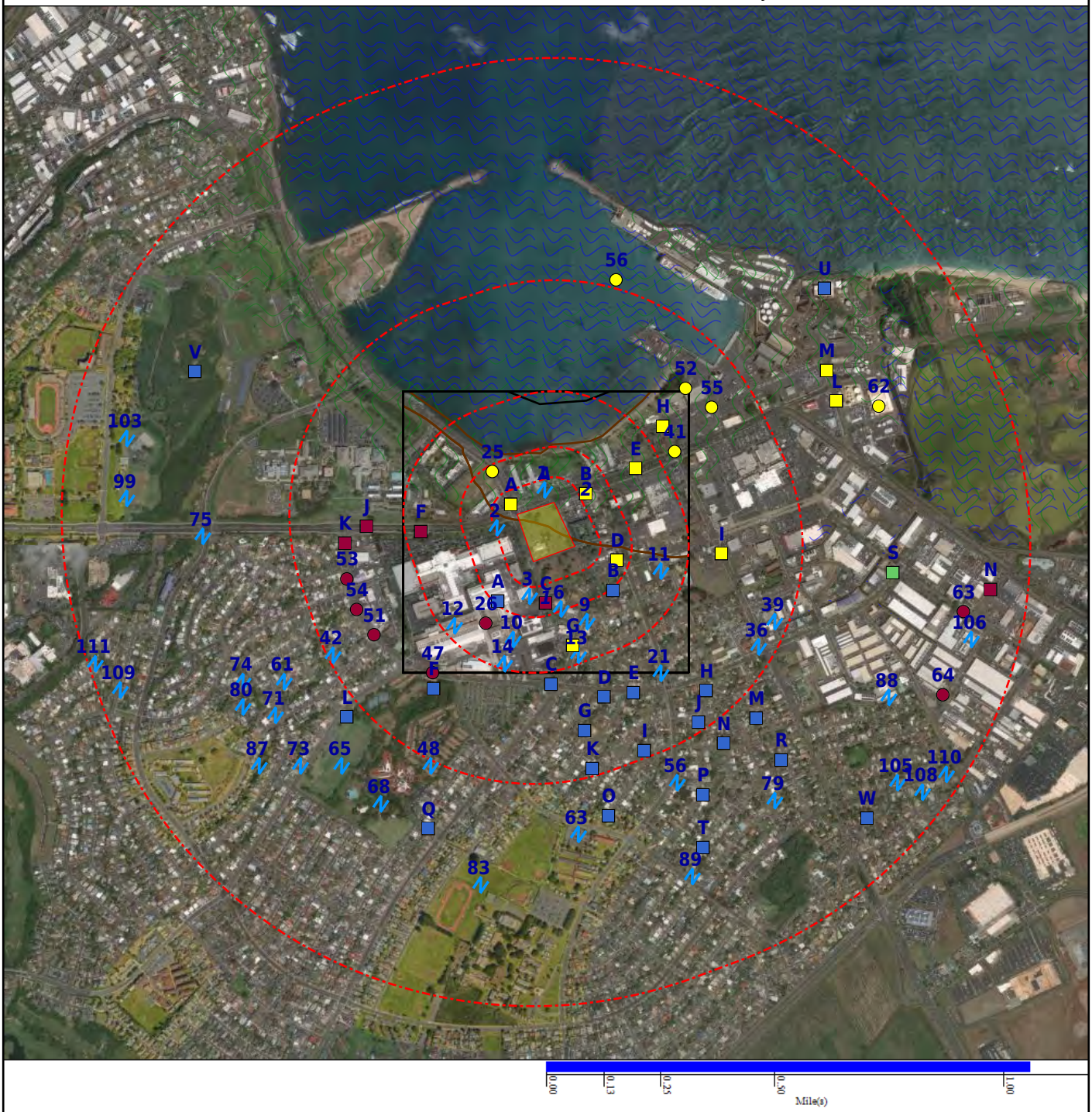
AFS	Air Facility Systems
BRS	Biennial Reporting Systems
CDC HAZDAT	Hazardous Substance Release and Health Effects Information
COAL ASH DOE	Coal Ash: Department of Energy
COAL ASH EPA	Coal Ash: Environmental Protection Agency
COAL GAS	Coal Gas Plants
CONSENT (DECREES)	Superfund Consent Decree
DEBRIS R5 LF	Disaster Debris Landfill Data
DEBRIS R5 SWRCY	Disaster Debris Recovery Data
DOD	Department of Defense
DOT OPS	Department of Transportation Office of Pipeline Safety
ECHO	EPA Enforcement and Compliance History Online
ENOI	Electronic Notice of Intent
EPA FUELS	EPA Fuels Registration, Reporting, and Compliance List
EPA OSC	EPA On-Site Coordinator
EPA WATCH	EPA Watch List
FA HWF	Financial Assurance for Hazardous Waste Facilities
FEDLAND	Federal Lands
FRS	Facility Index Systems
FTTS	FIFRA/TSCA Tracking System
FTTS INSP	FIFRA/TSCA Tracking System: Inspections
FUDS	Formerly Used Defense Sites
HIST AFS	Historical Air Facility Systems
HIST AFS 2	Historical Air Facility Systems
HIST DOD	Department of Defense historical sites
HIST LEAD_SMELTER	Historical Lead Smelter Sites
HIST MLTS	Historical Material Licensing Tracking Systems
HIST PCB TRANS	Historical Polychlorinated Biphenyl (PCB) Facilities
HIST PCS ENF	Historical Enforced Permit Compliance Facilities
HIST PCS FACILITY	Historical Permit Compliance Facilities
HIST SSTS	Historical Section 7 Tracking Systems
HWC DOCKET	Hazardous Waste Compliance Docket
ICIS	Integrated Compliance Information System
INACTIVE PCS	Inactive Permit Compliance Facilities
INDIAN RESERVATION	Indian Reservations
LEAD_SMELTER	Lead Smelter Sites
LUCIS	Land Use Control Information Systems
LUCIS 2	Land Use Control Information Systems 2
MINES	Mines
MLTS	Material Licensing Tracking Systems
NPL AOC	Areas related to NPL remediation sites
NPL LIENS	National Priority List Liens
OSHA	Occupational Safety & Health Administration
PADS	PCB Activity Database Systems
PCB TRANSFORMER	Polychlorinated Biphenyl (PCB) Waste
PCS ENF	Enforced Permit Compliance Facilities
PCS FACILITY	Permit Compliance Facilities
RAATS	RCRA Administrative Action Tracking Systems
RADINFO	Radiation Information Systems
RMP	Risk Management Plans
ROD	Record of Decision

OTHER ASCERTAINABLE RECORDS *(cont.)*

SCRD DRYCLEANERS	SCRD Drycleaners
SEMS_SMELTER	Sites on SEMS Potential Smelter Activity
SSTS	Section 7 Tracking Systems
STORMWATER	Storm Water Permits
TOSCA-PLANT	Toxic Substance Control Act: Plants
TRIS	Toxic Release Inventory Systems
UMTRA	Uranium Mill Tailing Sites
CORRECTIVE ACTIONS_2020	Wastes - Hazardous Waste - Corrective Action
AIRS - HI	Air permits
DRYCLEANERS - HI	Drycleaners

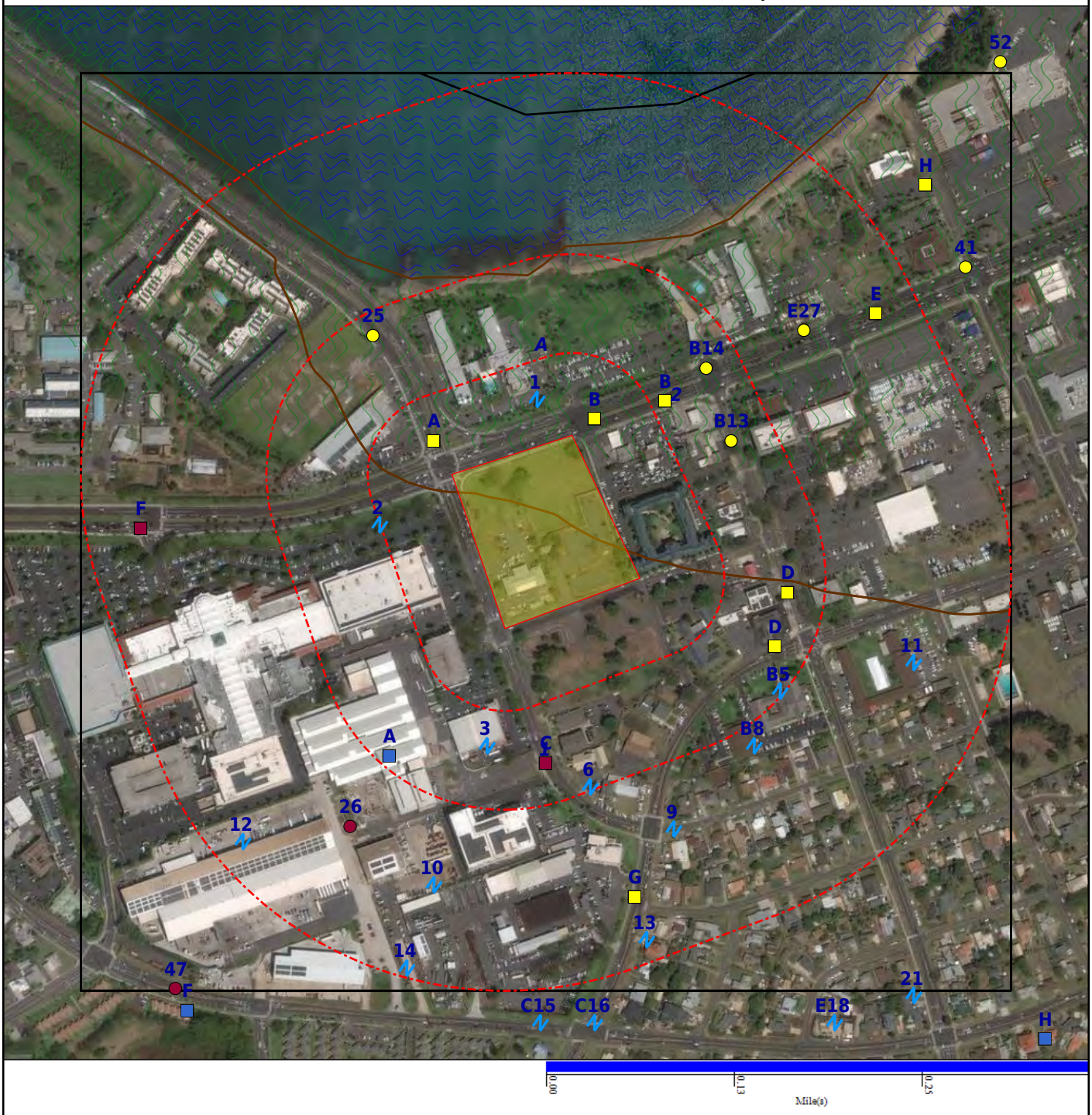
SUBJECT NAME: Kahului Site
ADDRESS: 153 West Kaahumanu Avenue, Kahului, Hawaii
LAT/LONG: 20.888683 / -156.471823

PREPARED FOR: ENPRO Environmental
ORDER #: 27336
REPORT DATE: February 20, 2019



SUBJECT NAME: Kahului Site
ADDRESS: 153 West Kaahumanu Avenue, Kahului, Hawaii
LAT/LONG: 20.888683 / -156.471823

PREPARED FOR: ENPRO Environmental
ORDER #: 27336
REPORT DATE: February 20, 2019



- Subject Property
- Department of Defense (No Data)
- FEMA FloodZone 100
- National Priority List (No Data)
- Equal/Higher Elevation
- DFIRM Floodzone 100
- FEMA FloodZone 500 (No Data)
- NWI
- Lower Elevation
- DFIRM Floodzone 500 (No Data)
- Historical DOD (No Data)
- CDC HAZDAT (No Data)
- Federal Lands (No Data)
- Indian Reservation (No Data)

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST								
ARCHIVED RCRA TSDF		0.500	0	0	0	--	--	0
RCRA_TSDF		0.500	0	0	0	--	--	0
FEDERAL CERCLIS LIST								
CERCLIS NFRAP		0.500	0	0	0	--	--	0
CERCLIS-HIST		0.500	0	0	0	--	--	0
FEDERAL FACILITY		1.000	0	0	0	0	--	0
SEMS_8R_ACTIVE SITES		0.500	0	0	0	--	--	0
SEMS_8R_ARCHIVED SITES		0.500	0	0	0	--	--	0
FEDERAL RCRA CORRACTS FACILITIES LIST								
CORRACTS		1.000	0	0	0	0	--	0
HIST CORRACTS 2		1.000	0	0	0	1	--	1
FEDERAL DELISTED NPL SITE LIST								
DELISTED NPL		1.000	0	0	0	0	--	0
DELISTED PROPOSED NPL		1.000	0	0	0	0	--	0
SEMS_DELETED NPL		1.000	0	0	0	0	--	0
FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS								
EPA LF MOP		0.500	0	0	0	--	--	0
FEDERAL ERNS LIST								
ERNS		SP	0	--	--	--	--	0
FEDERAL RCRA GENERATORS LIST								
HIST RCRA_CESQG		0.250	0	0	--	--	--	0
HIST RCRA_LQG		0.250	0	0	--	--	--	0
HIST RCRA_NONGEN		0.250	0	0	--	--	--	0
HIST RCRA_SQG		0.250	0	0	--	--	--	0
RCRA_CESQG		0.250	2	3	--	--	--	5
RCRA_LQG		0.250	1	1	--	--	--	2
RCRA_NONGEN		0.250	6	0	--	--	--	6
RCRA_SQG		0.250	0	2	--	--	--	2
FEDERAL NPL SITE LIST								
NPL		1.000	0	0	0	0	--	0
NPL EPA R1 GIS		1.000	0	0	0	0	--	0
NPL EPA R3 GIS		1.000	0	0	0	0	--	0
NPL EPA R6 GIS		1.000	0	0	0	0	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
FEDERAL NPL SITE LIST *(cont.)*								
NPL EPA R8 GIS		1.000	0	0	0	0	--	0
NPL EPA R9 GIS		1.000	0	0	0	0	--	0
PART NPL		1.000	0	0	0	0	--	0
PROPOSED NPL		1.000	0	0	0	0	--	0
SEMS_FINAL NPL		1.000	0	0	0	0	--	0
SEMS_PROPOSED NPL		1.000	0	0	0	0	--	0
FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES								
RCRA IC_EC		0.250	0	0	--	--	--	0
FED E C		0.500	0	0	0	--	--	0
FED I C		0.500	0	0	0	--	--	0
STATE AND TRIBAL REGISTERED STORAGE TANK LISTS								
FEMA UST		0.250	0	0	--	--	--	0
INDIAN UST R1		0.250	0	0	--	--	--	0
INDIAN UST R10		0.250	0	0	--	--	--	0
INDIAN UST R2		0.250	0	0	--	--	--	0
INDIAN UST R4		0.250	0	0	--	--	--	0
INDIAN UST R5		0.250	0	0	--	--	--	0
INDIAN UST R6		0.250	0	0	--	--	--	0
INDIAN UST R7		0.250	0	0	--	--	--	0
INDIAN UST R8		0.250	0	0	--	--	--	0
INDIAN UST R9		0.250	0	0	--	--	--	0
AST - HI		0.250	0	0	--	--	--	0
HIST AST - HI		0.250	0	0	--	--	--	0
UST - HI		0.250	7	4	--	--	--	11
STATE AND TRIBAL LEAKING STORAGE TANK LISTS								
INDIAN LUST R1		0.500	0	0	0	--	--	0
INDIAN LUST R10		0.500	0	0	0	--	--	0
INDIAN LUST R2		0.500	0	0	0	--	--	0
INDIAN LUST R4		0.500	0	0	0	--	--	0
INDIAN LUST R5		0.500	0	0	0	--	--	0
INDIAN LUST R6		0.500	0	0	0	--	--	0
INDIAN LUST R7		0.500	0	0	0	--	--	0
INDIAN LUST R8		0.500	0	0	0	--	--	0
INDIAN LUST R9		0.500	0	0	0	--	--	0
HIST LUST - HI		0.500	1	1	3	--	--	5

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
STATE AND TRIBAL LEAKING STORAGE TANK LISTS *(cont.)*								
LUST - HI		0.500	6	3	9	--	--	18
STATE AND TRIBAL BROWNFIELD SITES								
TRIBAL BROWNFIELDS		0.500	0	0	0	--	--	0
BROWNFIELDS - HI		0.500	0	0	0	--	--	0
STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES								
I C - HI		0.500	2	1	1	--	--	4
STATE- AND TRIBAL - EQUIVALENT CERCLIS								
SHWS - HI		1.000	7	4	4	10	--	25
STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS								
SWF LF CLOSED - HI		0.500	0	0	0	--	--	0
SWF/LF - HI		0.500	0	0	0	--	--	0
STATE AND TRIBAL VOLUNTARY CLEANUP SITES								
VCP - HI		0.500	0	0	0	--	--	0
LOCAL BROWNFIELD LISTS								
BROWNFIELDS-ACRES		0.500	0	0	0	--	--	0
FED BROWNFIELDS		0.500	0	0	0	--	--	0
LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES								
FED CDL		SP	0	--	--	--	--	0
US HIST CDL		SP	0	--	--	--	--	0
LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES								
HIST INDIAN ODI R8		0.500	0	0	0	--	--	0
INDIAN ODI R8		0.500	0	0	0	--	--	0
ODI		0.500	0	0	0	--	--	0
TRIBAL ODI		0.500	0	0	0	--	--	0
RECORDS OF EMERGENCY RELEASE REPORTS								
HMIRS (DOT)		SP	0	--	--	--	--	0
HIST SPILLS - HI		0.125	0	--	--	--	--	0
SPILLS - HI		0.125	6	--	--	--	--	6
LOCAL LAND RECORDS								
LIENS 2		SP	0	--	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
OTHER ASCERTAINABLE RECORDS								
AFS		SP	0	--	--	--	--	0
BRS		SP	0	--	--	--	--	0
CDC HAZDAT		1.000	0	0	0	0	--	0
COAL ASH DOE		0.500	0	0	0	--	--	0
COAL ASH EPA		0.500	0	0	0	--	--	0
COAL GAS		1.000	0	0	0	0	--	0
CONSENT (DECREES)		1.000	0	0	0	0	--	0
DEBRIS R5 LF		0.500	0	0	0	--	--	0
DEBRIS R5 SWRCY		0.500	0	0	0	--	--	0
DOD		1.000	0	0	0	0	--	0
DOT OPS		SP	0	--	--	--	--	0
ECHO		SP	0	--	--	--	--	0
ENOI		SP	0	--	--	--	--	0
EPA FUELS		SP	0	--	--	--	--	0
EPA OSC		0.125	0	--	--	--	--	0
EPA WATCH		SP	0	--	--	--	--	0
FA HWF		SP	0	--	--	--	--	0
FEDLAND		1.000	0	0	0	0	--	0
FRS		SP	0	--	--	--	--	0
FTTS		SP	0	--	--	--	--	0
FTTS INSP		SP	0	--	--	--	--	0
FUDS		1.000	0	0	0	0	--	0
HIST AFS		SP	0	--	--	--	--	0
HIST AFS 2		SP	0	--	--	--	--	0
HIST DOD		1.000	0	0	0	0	--	0
HIST LEAD_SMELTER		SP	0	--	--	--	--	0
HIST MLTS		SP	0	--	--	--	--	0
HIST PCB TRANS		SP	0	--	--	--	--	0
HIST PCS ENF		SP	0	--	--	--	--	0
HIST PCS FACILITY		SP	0	--	--	--	--	0
HIST SSTS		SP	0	--	--	--	--	0
HWC DOCKET		SP	0	--	--	--	--	0
ICIS		SP	0	--	--	--	--	0
INACTIVE PCS		SP	0	--	--	--	--	0
INDIAN RESERVATION		1.000	0	0	0	0	--	0
LEAD_SMELTER		SP	0	--	--	--	--	0

DATABASE	SUBJECT PROPERTY	SEARCH DISTANCE (MILES)	<1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	>1	TOTAL MAPPED
OTHER ASCERTAINABLE RECORDS *(cont.)*								
LUCIS		0.500	0	0	0	--	--	0
LUCIS 2		0.500	0	0	0	--	--	0
MINES		0.250	0	0	--	--	--	0
MLTS		SP	0	--	--	--	--	0
NPL AOC		1.000	0	0	0	0	--	0
NPL LIENS		SP	0	--	--	--	--	0
OSHA		SP	0	--	--	--	--	0
PADS		SP	0	--	--	--	--	0
PCB TRANSFORMER		SP	0	--	--	--	--	0
PCS ENF		SP	0	--	--	--	--	0
PCS FACILITY		SP	0	--	--	--	--	0
RAATS		SP	0	--	--	--	--	0
RADINFO		SP	0	--	--	--	--	0
RMP		0.500	0	0	0	--	--	0
ROD		1.000	0	0	0	0	--	0
SCRD DRYCLEANERS		0.250	0	0	--	--	--	0
SEMS_SMELTER		SP	0	--	--	--	--	0
SSTS		SP	0	--	--	--	--	0
STORMWATER		SP	0	--	--	--	--	0
TOSCA-PLANT		SP	0	--	--	--	--	0
TRIS		SP	0	--	--	--	--	0
UMTRA		0.500	0	0	0	--	--	0
CORRECTIVE ACTIONS_2020		0.500	0	0	0	--	--	0
AIRS - HI		SP	0	--	--	--	--	0
DRYCLEANERS - HI		0.250	0	0	--	--	--	0

Map Id: A1
Direction: NW
Distance: 0.017 mi.
Actual: 89.352 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : FARMER PESTICIDE DISPOSAL PROJECT
28-10 BEECH RD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN]

Envirosite ID: 414582906
EPA ID: HID982025934

ECHO

Facility Name :	FARMER PESTICIDE DISPOSAL PROJECT
Facility Address :	28-10 BEECH RD, KAHULUI, HI 96732
County :	MAUI

Site Details

Last Inspection Date :	N/R
Registry ID :	110005726143
FIPS Code :	N/R
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	Zip Code Centroid
Reference Point :	N/R
Accuracy Meters :	10000
Derived Tribes :	N/R
Derived HUC :	N/R
Derived WBD :	N/R
Derived STCTY FIPS :	N/R
Derived Zip :	N/R
Derived CD113 :	N/R
Derived CB2010 :	N/R
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R

Map Id: A1
Direction: NW
Distance: 0.017 mi.
Actual: 89.352 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : FARMER PESTICIDE DISPOSAL PROJECT
28-10 BEECH RD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582906
EPA ID: HID982025934

ECHO ***(cont.)***

Facility NAICS Codes :	N/R
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	N/R
NAA Flag :	N/R
Latitude :	20.55241
Longitude :	-156.612422
Last Date in Agency List :	12/17/2018

FRS

Facility Name :	FARMER PESTICIDE DISPOSAL PROJECT
Facility Address :	28-10 BEECH RD, KAHULUI, HI 96732
County :	MAUI
Registry ID :	110005726143
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

FRS Environmental Interest

Source and System ID :	RCRAINFO - HID982025934

Map Id: A1
Direction: NW
Distance: 0.017 mi.
Actual: 89.352 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : FARMER PESTICIDE DISPOSAL PROJECT
28-10 BEECH RD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582906
EPA ID: HID982025934

RCRA_NONGEN

Facility Name :	FARMER PESTICIDE DISPOSAL PROJECT
Facility Address :	28-10 BEECH RD, KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	19931234
EPA ID :	HID982025934
Mailing Address :	465 S KING ST, HONOLULU, HI 96813
Contact :	ENVIRONMENTAL MANAGER
Contact Address :	28-10 BEECH RD, KAHULUI, HI 96732
Contact Country :	US
Contact Telephone :	808-548-6915
Contact Email :	N/R
EPA Region :	09
Land Type :	Other land type
Source Type :	Notification
Classification :	Not a generator, verified
Description :	Not a generator, verified

Owner/Operator Summary

Owner/Operator Name :	NOT REQUIRED
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	State
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R
Owner/Operator Name :	STATE OF HAWAII
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	State
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N

Map Id: A1
Direction: NW
Distance: 0.017 mi.
Actual: 89.352 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : FARMER PESTICIDE DISPOSAL PROJECT
28-10 BEECH RD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582906
EPA ID: HID982025934

RCRA_NONGEN ***(cont.)***

Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

Map Id: A2
Direction: NW
Distance: 0.017 mi.
Actual: 89.352 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : OFFICE ENVIRONMENTAL QUAL CONT
28 10 BEACH RD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN]

Envirosite ID: 414582923
EPA ID: HID982339186

ECHO

Facility Name :	OFFICE ENVIRONMENTAL QUAL CONT
Facility Address :	28 10 BEACH RD, KAHULUI, HI 96732
County :	MAUI

Site Details

Last Inspection Date :	N/R
Registry ID :	110005726278
FIPS Code :	N/R
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	Zip Code Centroid
Reference Point :	N/R
Accuracy Meters :	10000
Derived Tribes :	N/R
Derived HUC :	N/R
Derived WBD :	N/R

Map Id: A2
Direction: NW
Distance: 0.017 mi.
Actual: 89.352 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : OFFICE ENVIRONMENTAL QUAL CONT
28 10 BEACH RD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582923
EPA ID: HID982339186

ECHO ***(cont.)***

Derived STCTY FIPS :	N/R
Derived Zip :	N/R
Derived CD113 :	N/R
Derived CB2010 :	N/R
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R
Facility NAICS Codes :	N/R
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	N/R
NAA Flag :	N/R
Latitude :	20.55241
Longitude :	-156.612422
Last Date in Agency List :	12/17/2018

FRS

Facility Name :	OFFICE ENVIRONMENTAL QUAL CONT

Map Id: A2
Direction: NW
Distance: 0.017 mi.
Actual: 89.352 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : OFFICE ENVIRONMENTAL QUAL CONT
28 10 BEACH RD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582923
EPA ID: HID982339186

FRS ***(cont.)***

Facility Address :	28 10 BEACH RD, KAHULUI, HI 96732
County :	MAUI
Registry ID :	110005726278
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

FRS Environmental Interest

Source and System ID :	RCRAINFO - HID982339186

RCRA_NONGEN

Facility Name :	OFFICE ENVIRONMENTAL QUAL CONT
Facility Address :	28 10 BEACH RD, KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	19931234
EPA ID :	HID982339186
Mailing Address :	465 S KING ST RM FIRST HUNDRED, HONOLULU, HI 96732
Contact :	ENVIRONMENTAL MANAGER
Contact Address :	28 10 BEACH RD, KAHULUI, HI 96732
Contact Country :	US
Contact Telephone :	808-548-6915
Contact Email :	N/R
EPA Region :	09
Land Type :	Other land type
Source Type :	Notification
Classification :	Not a generator, verified
Description :	Not a generator, verified

Owner/Operator Summary

Owner/Operator Name :	NOT REQUIRED
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	State
Owner/Operator Type :	Operator

Map Id: A2
Direction: NW
Distance: 0.017 mi.
Actual: 89.352 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : OFFICE ENVIRONMENTAL QUAL CONT
28 10 BEACH RD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582923
EPA ID: HID982339186

RCRA_NONGEN ***(cont.)***

Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R
Owner/Operator Name :	STATE OF HAWAII
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	State
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

Map Id: B3
Direction: NNE
Distance: 0.019 mi.
Actual: 100.275 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : ILIMA SHELL
137 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_CESQG]

Envirosite ID: 414266825
EPA ID: HID982436628

ECHO

Facility Name :	ILIMA SHELL
Facility Address :	137 KAAHUMANU AVE, KAHULUI, HI 96732
County :	MAUI

Map Id: B3
Direction: NNE
Distance: 0.019 mi.
Actual: 100.275 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : ILIMA SHELL
137 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414266825
EPA ID: HID982436628

ECHO ***(cont.)***

Site Details

Last Inspection Date :	01/17/1996
Registry ID :	110045412077
FIPS Code :	15009
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	8362
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	N/R
Derived HUC :	20020000
Derived WBD :	200200000103
Derived STCTY FIPS :	15009
Derived Zip :	96732
Derived CD113 :	02
Derived CB2010 :	150090319002015
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R
Facility NAICS Codes :	44711
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	01/17/1996
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R

Map Id: B3
Direction: NNE
Distance: 0.019 mi.
Actual: 100.275 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : ILIMA SHELL
137 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414266825
EPA ID: HID982436628

ECHO ***(cont.)***

Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	20.88983
Longitude :	-156.47118
Last Date in Agency List :	12/17/2018

FRS

Facility Name :	ILIMA SHELL
Facility Address :	137 KAAHUMANU AVE, KAHULUI, HI 96732
County :	MAUI
Registry ID :	110045412077
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

RCRAInfo is EPA’s comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

Source Description :

The Environmental Health Warehouse (EHW) contains the Hawaii Department of Health - Environmental Health Administration's (HDOH-EHA) environmental data. The web-based application allows EHA to inquire about sites in Hawaii that are regulated by the administration due to activities that affect the environment, regardless of the regulation or program that directly monitors those activities. The system allows users a consolidated view of sites without disrupting the underlying source systems or the staff involved as they process their day-to-day workload. The EHW offers geo-spatial and tabular inquiry, mapping, reconciliation/data consolidation, and GIS services.

Map Id: B3
Direction: NNE
Distance: 0.019 mi.
Actual: 100.275 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : ILIMA SHELL
137 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414266825
EPA ID: HID982436628

FRS ***(cont.)***

FRS Environmental Interest

Source and System ID :	HI-EHW - 4915 RCRAINFO - HID982436628

RCRA_CESQG

Facility Name :	ILIMA SHELL
Facility Address :	137 KAAHUMANU AVE, KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	06/16/2018
EPA ID :	HID982436628
Mailing Address :	137 KAAHUMANU AVE, KAHULUI, HI 96732
Contact :	GREGORY MCCARTNEY
Contact Address :	1132 BISHOP ST, SUITE 1700, HONOLULU, HI 96813
Contact Country :	US
Contact Telephone :	808-522-9704
Contact Email :	GMCCARTNEY@ALOHAGAS.COM
EPA Region :	09
Land Type :	Private
Source Type :	Implementer
Classification :	Conditionally Exempt Small Quantity Generator

Description :

Handlers that generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate 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 generate 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 accumulate 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
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	19990360
Owner/Operator End Date :	N/R

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
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R

Map Id: B3
Direction: NNE
Distance: 0.019 mi.
Actual: 100.275 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : ILIMA SHELL
137 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414266825
EPA ID: HID982436628

RCRA_CESQG ***(cont.)***

Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	19990360
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Historical Generators

Date Form Received by Agency :	19901131
Facility Name :	KAHULUI SHELL SERVICE
Classification :	Not a generator, verified

Date Form Received by Agency :	20120361
Facility Name :	ILIMA SHELL
Classification :	Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary

Waste Code / Name :	D001 - IGNITABLE WASTE D018 - BENZENE

Notices of Violations Summary

Regulation Violated :	N

Evaluation Action Summary

Evaluation Date :	01/17/1996
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Map Id: B4
Direction: NNE
Distance: 0.019 mi.
Actual: 100.275 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : SHELL OIL COMPANY
137 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [RCRA_NONGEN]

Envirosite ID: 414581840
EPA ID: HID982435885

RCRA_NONGEN

Facility Name :	SHELL OIL COMPANY
Facility Address :	137 KAAHUMANU AVE, KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	06/17/2015
EPA ID :	HID982435885
Mailing Address :	P O BOX 4848, ANAHEIM, CA 92803
Contact :	SONDRA BIENVENU
Contact Address :	137 KAAHUMANU AVE, KAHALUI, HI 96732
Contact Country :	US
Contact Telephone :	713-241-2258
Contact Email :	N/R
EPA Region :	09
Land Type :	Other land type
Source Type :	Implementer
Classification :	Not a generator, verified
Description :	Not a generator, verified

Owner/Operator Summary

Owner/Operator Name :	NOT REQUIRED
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	SHELL OIL COMPANY
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N

Map Id: B4
Direction: NNE
Distance: 0.019 mi.
Actual: 100.275 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : SHELL OIL COMPANY
137 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414581840
EPA ID: HID982435885

RCRA_NONGEN ***(cont.)***

Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Historical Generators

Date Form Received by Agency :	08/22/1993
Facility Name :	SHELL OIL COMPANY
Classification :	Conditionally Exempt Small Quantity Generator

Notices of Violations Summary

Regulation Violated :	N

Map Id: B5
Direction: NNE
Distance: 0.019 mi.
Actual: 100.962 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : MAUI PALMS HOTEL UST
150 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI]

Envirosite ID: 319997362
EPA ID: N/R

SHWS - HI

Facility Name :	Maui Palms Hotel UST
Facility Address :	150 Kaahumanu Ave, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Maui Palms Hotel UST
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013766754
Program Full Name :	State
Potential Hazard and Controls :	Hazard Undetermined
Assessment :	Assessment Ongoing
Priority :	NFA
Nature of Contamination :	N/R
Nature of Residual Contamination :	N/R
Response :	N/R
Response Action Completed :	11/22/1999
Lead Agency :	HEER
Use Restrictions :	Undetermined
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R

Map Id: B5
Direction: NNE
Distance: 0.019 mi.
Actual: 100.962 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : MAUI PALMS HOTEL UST
150 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI] ***(cont.)***

Envirosite ID: 319997362
EPA ID: N/R

SHWS - HI ***(cont.)***

Date Issued :	N/R
Within Designated Areawide Contamination:	N/R
Document Date :	11/22/1999
Document Number :	N/R
Document Subject :	N/R
Site Closure Document :	No Further Action - Type Undetermined
Project Manager :	Janice Fujimoto
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237003007
Description of Portion :	N/R

Map Id: B6
Direction: NNE
Distance: 0.024 mi.
Actual: 129.350 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : ILIMA SHELL
137 W. KAAHUMANU AVENUE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 340339080
EPA ID: N/R

LUST - HI

Facility Name :	ILIMA SHELL
Facility Address :	137 W. Kaahumanu Avenue, Kahului, HI 96732

Site Details

LUST Latest Status Date :	09/15/2003
LUST Latest Status :	Site Cleanup Completed (NFA)
Facility ID :	9-501005
Event ID :	980104
Project Officer :	Richard Takaba
Last Date in Agency List :	01/10/2018

UST - HI

Facility Name :	ILIMA SHELL
Facility Address :	137 W. Kaahumanu Avenue, Kahului, HI 96732

Site Details

Facility ID :	9-501005
Formal Name :	ALOHA PETROLEUM, LTD.
Address :	1132 BISHOP STREET, SUITE 1700, Kahului, HI 96732
Latitude Measure :	20.88954
Longitude Measure :	-156.47122

Map Id: B6
Direction: NNE
Distance: 0.024 mi.
Actual: 129.350 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : ILIMA SHELL
137 W. KAAHUMANU AVENUE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 340339080
EPA ID: N/R

UST - HI ***(cont.)***

Horizontal Collection Method Name : GPS
Horizontal Reference Datum Name : NAD83
Last Date in Agency List : 08/23/2018

Tank Details

Installed Date : 06/01/1998
Date Closed : N/R
Tank ID : 1
Tank Status : Currently In Use
Tank Capacity : 15000
Product : Gasohol

Installed Date : 06/01/1998
Date Closed : N/R
Tank ID : 2
Tank Status : Currently In Use
Tank Capacity : 12000
Product : Gasohol

Installed Date : 04/18/1978
Date Closed : 04/23/1998
Tank ID : R-5
Tank Status : Permanently Out of Use
Tank Capacity : 6000
Product : Gasoline

Installed Date : 04/18/1974
Date Closed : 04/23/1998
Tank ID : R-1
Tank Status : Permanently Out of Use
Tank Capacity : 8000
Product : Gasoline

Installed Date : 04/19/1963
Date Closed : 04/23/1998
Tank ID : R-2
Tank Status : Permanently Out of Use
Tank Capacity : 4000
Product : Gasoline

Installed Date : 04/19/1963
Date Closed : 04/23/1998
Tank ID : R-3
Tank Status : Permanently Out of Use
Tank Capacity : 4000
Product : Gasoline

Installed Date : 04/19/1963
Date Closed : 04/23/1998

Map Id: B6
Direction: NNE
Distance: 0.024 mi.
Actual: 129.350 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : ILIMA SHELL
137 W. KAAHUMANU AVENUE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 340339080
EPA ID: N/R

UST - HI ***(cont.)***

Tank ID :	R-4
Tank Status :	Permanently Out of Use
Tank Capacity :	4000
Product :	Gasoline
Installed Date :	04/19/1963
Date Closed :	04/23/1998
Tank ID :	R-6
Tank Status :	Permanently Out of Use
Tank Capacity :	550
Product :	Used Oil

Map Id: A7
Direction: NW
Distance: 0.037 mi.
Actual: 196.362 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : JR DORAN INC. DBA CERAMIC TILE PLUS
25 S. KAHULUI BEACH ROAD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_LQG]

Envirosite ID: 414451100
EPA ID: HIR000144394

ECHO

Facility Name :	JR DORAN INC. DBA CERAMIC TILE PLUS
Facility Address :	25 S. KAHULUI BEACH ROAD, KAHULUI, HI 96732
County :	MAUI

Site Details

Last Inspection Date :	06/26/2018
Registry ID :	110070124976
FIPS Code :	15009
EPA Region :	09
Inspection Count :	1
Last Inspection Days :	166
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	N/R
Derived HUC :	20020000

Map Id: A7
Direction: NW
Distance: 0.037 mi.
Actual: 196.362 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : JR DORAN INC. DBA CERAMIC TILE PLUS
25 S. KAHULUI BEACH ROAD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414451100
EPA ID: HIR000144394

ECHO ***(cont.)***

Derived WBD :	200200000103
Derived STCTY FIPS :	15009
Derived Zip :	96732
Derived CD113 :	02
Derived CB2010 :	150090311011003
MYRTK Universe :	NNY
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R
Facility NAICS Codes :	23834
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	06/26/2018
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	20.88976
Longitude :	-156.47308
Last Date in Agency List :	12/17/2018

Map Id: A7
Direction: NW
Distance: 0.037 mi.
Actual: 196.362 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : JR DORAN INC. DBA CERAMIC TILE PLUS
25 S. KAHULUI BEACH ROAD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414451100
EPA ID: HIR000144394

ECHO ***(cont.)***

Last Inspection Date :	N/R
Registry ID :	N/R
FIPS Code :	N/R
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	0
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	Zip Code Centroid
Reference Point :	N/R
Accuracy Meters :	10000
Derived Tribes :	N/R
Derived HUC :	N/R
Derived WBD :	N/R
Derived STCTY FIPS :	N/R
Derived Zip :	N/R
Derived CD113 :	N/R
Derived CB2010 :	N/R
MYRTK Universe :	NNY
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R
Facility NAICS Codes :	23834
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R

Map Id: A7
Direction: NW
Distance: 0.037 mi.
Actual: 196.362 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : JR DORAN INC. DBA CERAMIC TILE PLUS
25 S. KAHULUI BEACH ROAD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414451100
EPA ID: HIR000144394

ECHO ***(cont.)***

Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	20.55241
Longitude :	-156.612422
Last Date in Agency List :	10/23/2017

FRS

Facility Name :	JR DORAN INC. DBA CERAMIC TILE PLUS
Facility Address :	25 S. KAHULUI BEACH ROAD, KAHULUI, HI 96732
County :	MAUI
Registry ID :	110070124976
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

FRS Environmental Interest

Source and System ID :	RCRAINFO - HIR000144394

RCRA_LQG

Facility Name :	JR DORAN INC. DBA CERAMIC TILE PLUS
Facility Address :	25 S. KAHULUI BEACH ROAD, KAHULUI, HI 96732
County :	MAUI

Map Id: A7
Direction: NW
Distance: 0.037 mi.
Actual: 196.362 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : JR DORAN INC. DBA CERAMIC TILE PLUS
25 S. KAHULUI BEACH ROAD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414451100
EPA ID: HIR000144394

RCRA_LQG ***(cont.)***

Date Form Received by Agency :	20170246
EPA ID :	HIR000144394
Mailing Address :	25 S. KAHULUI BEACH ROAD, KAHULUI, HI 96732
Contact :	JAMIE FERGE
Contact Address :	25 S. KAHULUI BEACH ROAD, KAHULUI, HI 96732
Contact Country :	US
Contact Telephone :	808-871-8674
Contact Email :	JAMIE@CERAMICTILEPLUS.COM
EPA Region :	09
Land Type :	Private
Source Type :	Notification
Classification :	Large Quantity Generator

Description :

Handlers that generate 1,000 kg or more of hazardous waste during any calendar month; or generate more than 1 kg of acutely hazardous waste during any calendar month; or generate more than 100 kg 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; or generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1 kg of acutely hazardous waste at any time; or generate 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 accumulated more than 100 kg of that material at any time.

Last Date in Agency List : 12/21/2018

Owner/Operator Summary

Owner/Operator Name :	CERAMIC TILE PLUS
Owner/Operator Address :	25 S. KAHULUI BEACH DRIVE, KAHULUI, HI 96732
Owner/Operator Country :	US
Owner/Operator Telephone :	808-871-8674
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	05/12/2008
Owner/Operator End Date :	N/R

Owner/Operator Name :	JR DORAN INC.
Owner/Operator Address :	25 S. KAHULUI BEACH DRIVE, KAHULUI, HI 96732
Owner/Operator Country :	US
Owner/Operator Telephone :	808-871-8674
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	05/12/2008
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N

Map Id: A7
Direction: NW
Distance: 0.037 mi.
Actual: 196.362 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : JR DORAN INC. DBA CERAMIC TILE PLUS
25 S. KAHULUI BEACH ROAD
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414451100
EPA ID: HIR000144394

RCRA_LQG ***(cont.)***

Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Hazardous Waste Summary

Waste Code / Name :	D001 - IGNITABLE WASTE

Notices of Violations Summary

Regulation Violated :	N

Evaluation Action Summary

Evaluation Date :	06/17/2018
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Map Id: B8
Direction: NE
Distance: 0.057 mi.
Actual: 301.799 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : PORT TOWN CHEVRON
109 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 11178817
EPA ID: N/R

LUST - HI

Facility Name :	PORT TOWN CHEVRON
Facility Address :	109 KAAHUMANU AVE, Kahului, HI 96732

Site Details

LUST Latest Status Date :	01/30/2015
LUST Latest Status :	Site Cleanup Completed with EHE/EHMP
Facility ID :	9-501888
Event ID :	870002

Map Id: B8
Direction: NE
Distance: 0.057 mi.
Actual: 301.799 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : PORT TOWN CHEVRON
109 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11178817
EPA ID: N/R

LUST - HI ***(cont.)***

Project Officer :	Shaobin Li
Last Date in Agency List :	01/10/2018

UST - HI

Facility Name :	PORT TOWN CHEVRON
Facility Address :	109 KAAHUMANU AVE, Kahului, HI 96732

Site Details

Facility ID :	9-501888
Formal Name :	Lahiana Petroleum, LLC
Address :	P.O. Box 1096, Kahului, HI 96732
Latitude Measure :	20.88793
Longitude Measure :	-156.470121
Horizontal Collection Method Name :	GPS
Horizontal Reference Datum Name :	NAD83
Last Date in Agency List :	01/10/2019

Tank Details

Installed Date :	02/19/1987
Date Closed :	N/R
Tank ID :	001A
Tank Status :	Currently in Use
Tank Capacity :	10000
Product :	Gasoline

Installed Date :	02/19/1987
Date Closed :	N/R
Tank ID :	002A
Tank Status :	Currently in Use
Tank Capacity :	10000
Product :	Gasoline

Installed Date :	02/19/1987
Date Closed :	N/R
Tank ID :	003A
Tank Status :	Currently In Use
Tank Capacity :	10000
Product :	Gasoline

Installed Date :	01/19/1987
Date Closed :	10/18/1993
Tank ID :	R-4
Tank Status :	Permanently Out of Use
Tank Capacity :	1000
Product :	Used Oil

Installed Date :	06/30/1979
Date Closed :	02/01/1987

Map Id: B8
Direction: NE
Distance: 0.057 mi.
Actual: 301.799 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : PORT TOWN CHEVRON
109 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11178817
EPA ID: N/R

UST - HI ***(cont.)***

Tank ID :	R-004
Tank Status :	Permanently Out of Use
Tank Capacity :	6000
Product :	Gasoline
Installed Date :	05/31/1955
Date Closed :	02/01/1987
Tank ID :	R-001
Tank Status :	Permanently Out of Use
Tank Capacity :	5000
Product :	Gasoline
Installed Date :	05/31/1955
Date Closed :	02/01/1987
Tank ID :	R-002
Tank Status :	Permanently Out of Use
Tank Capacity :	2000
Product :	Gasoline
Installed Date :	05/31/1955
Date Closed :	02/01/1987
Tank ID :	R-003
Tank Status :	Permanently Out of Use
Tank Capacity :	2000
Product :	Gasoline
Installed Date :	05/31/1954
Date Closed :	02/01/1987
Tank ID :	R-005
Tank Status :	Permanently Out of Use
Tank Capacity :	1000
Product :	Used Oil
Installed Date :	05/31/1954
Date Closed :	02/01/1987
Tank ID :	R-006
Tank Status :	Permanently Out of Use
Tank Capacity :	2000
Product :	Gasoline

Map Id: B9
Direction: NE
Distance: 0.078 mi.
Actual: 411.842 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : PORT TOWN CHEVRON
109 W. KAAHUMANU AVE.
KAHULUI, HI 96732

Database(s) : [RCRA_CESQG]

Envirosite ID: 414267347
EPA ID: HIR000142497

RCRA_CESQG

Facility Name :	PORT TOWN CHEVRON
Facility Address :	109 W. KAAHUMANU AVE., KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	20140390
EPA ID :	HIR000142497
Mailing Address :	P.O. BOX 1096, CARMICHAEL, CA 95609
Contact :	DESCOE CHENTNIK
Contact Address :	68 HANA HWY, PAIA, HI 96779
Contact Country :	US
Contact Telephone :	808-446-6949
Contact Email :	TDESCOE@HOTMAIL.COM
EPA Region :	09
Land Type :	Private
Source Type :	Notification
Classification :	Conditionally Exempt Small Quantity Generator

Description :

Handlers that generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate 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 generate 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 accumulate 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 :	LAHAINA PETROLEUM, LLC
Owner/Operator Address :	P.O. BOX 1096, CARMICHAEL, CA 95609
Owner/Operator Country :	US
Owner/Operator Telephone :	916-488-3666
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	06/15/2013
Owner/Operator End Date :	N/R

Owner/Operator Name :	LAHAINA PETROLEUM, LLC
Owner/Operator Address :	P.O. BOX 1096, CARMICHAEL, CA 95609
Owner/Operator Country :	US
Owner/Operator Telephone :	916-488-3666
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	06/15/2013
Owner/Operator End Date :	N/R

Map Id: B9
Direction: NE
Distance: 0.078 mi.
Actual: 411.842 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : PORT TOWN CHEVRON
109 W. KAAHUMANU AVE.
KAHULUI, HI 96732

Database(s) : [RCRA_CESQG] ***(cont.)***

Envirosite ID: 414267347
EPA ID: HIR000142497

RCRA_CESQG ***(cont.)***

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Hazardous Waste Summary

Waste Code / Name :	D001 - IGNITABLE WASTE D018 - BENZENE

Notices of Violations Summary

Regulation Violated :	N

Map Id: C10
Direction: S
Distance: 0.090 mi.
Actual: 474.978 ft.
Elevation: 0.003 mi. / 16.427 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE CO LTD, KANE STREET
LOT 2 TANK AREA PORTION
106 S KANE ST
KAHULUI, HI 96732

Database(s) : [I C - HI, SHWS - HI]

Envirosite ID: 325000280
EPA ID: N/R

I C - HI

Facility Name :	Maui Pineapple Co Ltd, Kane Street Lot 2 Tank Area Portion
Facility Address :	106 S Kane St, Formerly 120 Kane St, Kahului, HI 96732
County :	Maui
SDAR Environmental Interest Name :	Maui Pineapple Co Ltd, Kane Street Lot 2 Tank Area Portion
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	110000486402
Program Full Name :	State
Potential Hazard and Controls :	Hazard Managed With Controls
Assessment :	Response Necessary
Priority :	NFA
Nature of Contamination :	Found: Limited amounts of petroleum after extensive removal.

Map Id: C10
Direction: S
Distance: 0.090 mi.
Actual: 474.978 ft.
Elevation: 0.003 mi. / 16.427 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE CO LTD, KANE STREET
LOT 2 TANK AREA PORTION
106 S KANE ST
KAHULUI, HI 96732

Database(s) : [I C - HI, SHWS - HI] ***(cont.)***

Envirosite ID: 325000280
EPA ID: N/R

I C - HI ***(cont.)***

Nature of Residual Contamination :	Petroleum hydrocarbons and TCE in soil and groundwater.
Response :	Response Complete
Response Action Completed :	06/10/2013
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination
Description of Restrictions :	N/R
Engineering Control :	Engineering Control Required
Institutional Control :	Government - Hawaii Dept. of Health Letter Issued
Date Issued :	06/10/2013
Within Designated Areawide Contamination:	N/R
Document Date :	06/10/2013
Document Number :	2013-315-JP
Document Subject :	No Further Action with Engineering and Institutional Controls Determination for a Portion of Lot F-2, 106 S Kane St, Kahului, Maui, TMK 2-3-7-002-028
Site Closure Document :	No Further Action Letter - Restricted Use
Project Manager :	John Peard
Contact Information :	(808) 933-9921, Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237002028
Description of Portion :	N/R

SHWS - HI

Facility Name :	Maui Pineapple Co Ltd, Kane Street Lot 2 Tank Area Portion
Facility Address :	106 S Kane St, Formerly 120 Kane St, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Maui Pineapple Co Ltd, Kane Street Lot 2 Tank Area Portion
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	110000486402
Program Full Name :	State
Potential Hazard and Controls Assessment :	Hazard Managed With Controls Response Necessary
Priority :	NFA
Nature of Contamination :	Found: Limited amounts of petroleum after extensive removal.
Nature of Residual Contamination :	Petroleum hydrocarbons and TCE in soil and groundwater.
Response :	Response Complete
Response Action Completed :	06/10/2013
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination
Description of Restrictions :	N/R

Map Id: C10
Direction: S
Distance: 0.090 mi.
Actual: 474.978 ft.
Elevation: 0.003 mi. / 16.427 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE CO LTD, KANE STREET
LOT 2 TANK AREA PORTION
106 S KANE ST
KAHULUI, HI 96732

Database(s) : [I C - HI, SHWS - HI] ***(cont.)***

Envirosite ID: 325000280
EPA ID: N/R

SHWS - HI ***(cont.)***

Engineering Control :	Engineering Control Required
Institutional Control :	Government - Hawaii Dept. of Health Letter Issued
Date Issued :	06/10/2013
Within Designated Areawide Contamination:	N/R
Document Date :	06/10/2013
Document Number :	2013-315-JP
Document Subject :	No Further Action with Engineering and Institutional Controls Determination for a Portion of Lot F-2, 106 S Kane St, Kahului, Maui, TMK 2-3-7-002-028
Site Closure Document :	No Further Action Letter - Restricted Use
Project Manager :	John Peard
Contact Information :	(808) 933-9921, Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237002028
Description of Portion :	N/R

Map Id: C11
Direction: S
Distance: 0.090 mi.
Actual: 474.978 ft.
Elevation: 0.003 mi. / 16.427 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE CO LTD, KANE STREET
LOT 2 CANNERY BUILDING PORTION
106 S KANE ST
KAHULUI, HI 96732

Database(s) : [I C - HI, SHWS - HI]

Envirosite ID: 330757649
EPA ID: N/R

I C - HI

Facility Name :	Maui Pineapple Co Ltd, Kane Street Lot 2 Cannery Building Portion
Facility Address :	106 S Kane St, Formerly 120 Kane St, Kahului, HI 96732
County :	Maui
SDAR Environmental Interest Name :	Maui Pineapple Co Ltd, Kane Street Lot 2 Cannery Building Portion
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	110000486402
Program Full Name :	State
Potential Hazard and Controls :	Hazard Managed With Controls
Assessment :	Response Necessary
Priority :	NFA

Map Id: C11
Direction: S
Distance: 0.090 mi.
Actual: 474.978 ft.
Elevation: 0.003 mi. / 16.427 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE CO LTD, KANE STREET
LOT 2 CANNERY BUILDING PORTION
106 S KANE ST
KAHULUI, HI 96732

Database(s) : [I C - HI, SHWS - HI] ***(cont.)***

Envirosite ID: 330757649
EPA ID: N/R

I C - HI ***(cont.)***

Nature of Contamination :	Presumed: The Cannery Building shares Lot F-2 with the tank that was investigated..
Nature of Residual Contamination :	N/R
Response :	Response Complete
Response Action Completed :	06/10/2013
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination
Description of Restrictions :	N/R
Engineering Control :	Engineering Control Required
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	N/R
Document Date :	06/10/2013
Document Number :	2013-315-JP
Document Subject :	No Further Action with Engineering and Institutional Controls Determination for a Portion of Lot F-2, 106 S Kane St, Kahului, Maui, TMK 2-3-7-002-028
Site Closure Document :	No Further Action Letter - Restricted Use
Project Manager :	John Peard
Contact Information :	(808) 933-9921, Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237002028
Description of Portion :	N/R

SHWS - HI

Facility Name :	Maui Pineapple Co Ltd, Kane Street Lot 2 Cannery Building Portion
Facility Address :	106 S Kane St, Formerly 120 Kane St, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Maui Pineapple Co Ltd, Kane Street Lot 2 Cannery Building Portion
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	110000486402
Program Full Name :	State
Potential Hazard and Controls Assessment :	Hazard Managed With Controls
Priority :	Response Necessary
Nature of Contamination :	NFA
	Presumed: The Cannery Building shares Lot F-2 with the tank that was investigated..

Map Id: C11
Direction: S
Distance: 0.090 mi.
Actual: 474.978 ft.
Elevation: 0.003 mi. / 16.427 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE CO LTD, KANE STREET
LOT 2 CANNERY BUILDING PORTION
106 S KANE ST
KAHULUI, HI 96732

Database(s) : [I C - HI, SHWS - HI] ***(cont.)***

Envirosite ID: 330757649
EPA ID: N/R

SHWS - HI ***(cont.)***

Nature of Residual Contamination :	N/R
Response :	Response Complete
Response Action Completed :	06/10/2013
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination
Description of Restrictions :	N/R
Engineering Control :	Engineering Control Required
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	N/R
Document Date :	06/10/2013
Document Number :	2013-315-JP
Document Subject :	No Further Action with Engineering and Institutional Controls Determination for a Portion of Lot F-2, 106 S Kane St, Kahului, Maui, TMK 2-3-7-002-028
Site Closure Document :	No Further Action Letter - Restricted Use
Project Manager :	John Peard
Contact Information :	(808) 933-9921, Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237002028
Description of Portion :	N/R

Map Id: D12
Direction: ESE
Distance: 0.095 mi.
Actual: 501.382 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : THE WASH HOUSE
74 LONO AVE
KAHULUI, HI 96732

Database(s) : [HIST LUST - HI, UST - HI]

Envirosite ID: 11687900
EPA ID: N/R

HIST LUST - HI

Facility Name :	THE WASH HOUSE
Facility Address :	74 LONO AVE, Kahului, HI 96732
Installed Date :	04/15/1974
Facility ID :	9-501576
Tank ID :	R-1
Tank Status Description :	Permanently Out of Use
Tank Capacity :	4000
Substance Description :	Diesel

Map Id: D12
Direction: ESE
Distance: 0.095 mi.
Actual: 501.382 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : THE WASH HOUSE
74 LONO AVE
KAHULUI, HI 96732

Database(s) : [HIST LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11687900
EPA ID: N/R

HIST LUST - HI ***(cont.)***

Date Closed :	11/12/1991
Organization Name :	SPALDING/WATAMULL HI PARTNERSHIP
Organization Address :	74 LONO AVE, Kahului, HI 96732
Last Date in Agency list :	03/04/2014

UST - HI

Facility Name :	THE WASH HOUSE
Facility Address :	74 LONO AVE, Kahului, HI 96732

Site Details

Facility ID :	9-501576
Formal Name :	SPALDING/WATAMULL HI PARTNERSHIP
Address :	75 B CHURCH ST, Kahului, HI 96732
Latitude Measure :	N/R
Longitude Measure :	N/R
Horizontal Collection Method Name :	N/R
Horizontal Reference Datum Name :	N/R
Last Date in Agency List :	01/10/2019

Tank Details

Installed Date :	04/15/1974
Date Closed :	11/12/1991
Tank ID :	R-1
Tank Status :	Permanently Out of Use
Tank Capacity :	4000
Product :	Diesel

Map Id: B13
Direction: ENE
Distance: 0.096 mi.
Actual: 507.586 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 32 LONO AVENUE
32 LONO AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI]

Envirosite ID: 319997308
EPA ID: N/R

SHWS - HI

Facility Name :	32 Lono Avenue
Facility Address :	32 Lono Ave, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	32 Lono Avenue
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	N/R

Map Id: B13
Direction: ENE
Distance: 0.096 mi.
Actual: 507.586 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 32 LONO AVENUE
32 LONO AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997308
EPA ID: N/R

SHWS - HI ***(cont.)***

Program Full Name :	State
Potential Hazard and Controls :	No Hazard
Assessment :	Response Necessary
Priority :	NFA
Nature of Contamination :	N/R
Nature of Residual Contamination :	Petroleum in soil
Response :	Response Complete
Response Action Completed :	12/10/2004
Lead Agency :	HEER
Use Restrictions :	No Hazard Present For Unrestricted Residential Use
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	N/R
Document Date :	12/10/2004
Document Number :	2004-518-UW
Document Subject :	NFA letter for the off-site petroleum release from three 55-gallon drums
Site Closure Document :	No Further Action Letter - Unrestricted Residential Use
Project Manager :	Ukris Wongse-Ont
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237004006
Description of Portion :	TMK listed on http://reserver3.hawaiiinformation.com/REsearch/ 04/10/2012.

SPILLS - HI

Facility Name :	32 Lono Avenue
Facility Address :	32 Lono Ave, Kahului, 96732
Case Number :	20030822-1400
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	N/R
Activity Type :	Response
Activity Lead :	Terry Corpus
Activity Result :	N/R
Substances :	Oil
Quantity :	N/R
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Alexander & Baldwin, Inc.
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	32 Lono Avenue
Was coordination needed on or off scene?:	No

Map Id: B13
Direction: ENE
Distance: 0.096 mi.
Actual: 507.586 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 32 LONO AVENUE
32 LONO AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997308
EPA ID: N/R

SPILLS - HI ***(cont.)***

Tax Map Key :	237004006 237004989

Map Id: B14
Direction: NE
Distance: 0.102 mi.
Actual: 539.628 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAAHUMANU AVE & LONO AVE
KAAHUMANU AVE & LONO AVE
KAHULUI, HI 96732

Database(s) : [SPILLS - HI]

Envirosite ID: 346295382
EPA ID: N/R

SPILLS - HI

Facility Name :	Kaahumanu Ave & Lono Ave
Facility Address :	Kaahumanu Ave & Lono Ave, Kahului, 96732
Case Number :	19950204-2
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	N/R
Activity Type :	Response
Activity Lead :	Terry Corpus
Activity Result :	SOSC NFA
Substances :	wastewater
Quantity :	500 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	N/R
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	Lono Ave & Kaahunamu Ave
Was coordination needed on or off scene?:	N/R
Tax Map Key :	N/R

Map Id: D15
Direction: ESE
Distance: 0.102 mi.
Actual: 540.044 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : LLOYD'S KAHULUI CHEVRON
130 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 11178777
EPA ID: N/R

LUST - HI

Facility Name :	LLOYD'S KAHULUI CHEVRON
Facility Address :	130 W KAMEHAMEHA AVE, Kahului, HI 96732

Site Details

LUST Latest Status Date :	06/08/2009
LUST Latest Status :	Site Cleanup Completed (NFA)
Facility ID :	9-501245
Event ID :	040011
Project Officer :	Richard Takaba
Last Date in Agency List :	01/10/2018

LUST Latest Status Date :	06/08/2009
LUST Latest Status :	Site Cleanup Completed (NFA)
Facility ID :	9-501245
Event ID :	040068
Project Officer :	Richard Takaba
Last Date in Agency List :	01/10/2018

UST - HI

Facility Name :	LLOYD'S KAHULUI CHEVRON
Facility Address :	130 W KAMEHAMEHA AVE, Kahului, HI 96732

Site Details

Facility ID :	9-501245
Formal Name :	LLOYD'S KAHULUI CHEVRON
Address :	130 W Kamehameha Ave, Kahului, HI 96732
Latitude Measure :	20.887748
Longitude Measure :	-156.469433
Horizontal Collection Method Name :	GPS
Horizontal Reference Datum Name :	NAD83
Last Date in Agency List :	01/10/2019

Tank Details

Installed Date :	07/18/1984
Date Closed :	N/R
Tank ID :	1
Tank Status :	Currently in Use
Tank Capacity :	10000
Product :	Gasoline

Installed Date :	07/18/1984
Date Closed :	N/R
Tank ID :	2
Tank Status :	Currently in Use
Tank Capacity :	10000
Product :	Gasoline

Map Id: D15
Direction: ESE
Distance: 0.102 mi.
Actual: 540.044 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : LLOYD'S KAHULUI CHEVRON
130 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11178777
EPA ID: N/R

UST - HI ***(cont.)***

Installed Date :	01/01/1984
Date Closed :	08/20/2004
Tank ID :	r-4
Tank Status :	Permanently Out of Use
Tank Capacity :	1000
Product :	Used Oil

Installed Date :	01/01/1984
Date Closed :	N/R
Tank ID :	3
Tank Status :	Currently in Use
Tank Capacity :	10000
Product :	Gasoline

Map Id: D16
Direction: ESE
Distance: 0.102 mi.
Actual: 540.044 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI SERVICE, INC DBA LLOYD'S KAHULUI CHEVRON
130 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI]

Envirosite ID: 319997335
EPA ID: N/R

SHWS - HI

Facility Name :	Kahului Service, Inc dba Lloyd's Kahului Chevron
Facility Address :	130 W Kamehameha Ave, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Kahului Service, Inc dba Lloyd's Kahului Chevron
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013788829
Program Full Name :	State
Potential Hazard and Controls :	No Hazard
Assessment :	Response Not Necessary
Priority :	NFA
Nature of Contamination :	N/R
Nature of Residual Contamination :	fuel constituents below EALs
Response :	N/R
Response Action Completed :	08/24/2005
Lead Agency :	SHWB
Use Restrictions :	No Hazard Present For Unrestricted Residential Use
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	N/R

Map Id: D16
Direction: ESE
Distance: 0.102 mi.
Actual: 540.044 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI SERVICE, INC DBA LLOYD'S
KAHULUI CHEVRON
130 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997335
EPA ID: N/R

SHWS - HI ***(cont.)***

Document Date :	08/24/2005
Document Number :	2005-436-CAC
Document Subject :	NFA Letter for Lloyd's Chevron Service Station, Release ID 20040721-1514
Site Closure Document :	No Further Action Letter - Unrestricted Residential Use
Project Manager :	Clarence Callahan
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237005010
Description of Portion :	N/R

SPILLS - HI

Facility Name :	Kahului Service, Inc dba Lloyd's Kahului Chevron
Facility Address :	130 W Kamehameha Ave, Kahului, 96732
Case Number :	20040721-1514
Activity End Date :	08/24/2005
HID Number :	N/R
Facility Registry Identifier :	110013788829
Activity Type :	Response
Activity Lead :	Terry Corpus
Activity Result :	Refer to ISST
Substances :	TPH gas
Quantity :	N/R
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Chevron Products Company
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	Hoist & Sand Grease Trap Removal
Was coordination needed on or off scene?:	Referred
Tax Map Key :	237005010

Map Id: D17
Direction: ESE
Distance: 0.102 mi.
Actual: 540.044 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : CHEVRON 92619
130 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN]

Envirosite ID: 414582600
EPA ID: HIR000141267

ECHO

Facility Name :	CHEVRON 92619
Facility Address :	130 W KAMEHAMEHA AVE, KAHULUI, HI 96732
County :	MAUI

Site Details

Last Inspection Date :	N/R
Registry ID :	110046393032
FIPS Code :	15009
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	N/R
Derived HUC :	20020000
Derived WBD :	200200000103
Derived STCTY FIPS :	15009
Derived Zip :	96732
Derived CD113 :	02
Derived CB2010 :	150090319002018
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R

Map Id: D17
Direction: ESE
Distance: 0.102 mi.
Actual: 540.044 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : CHEVRON 92619
130 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582600
EPA ID: HIR000141267

ECHO ***(cont.)***

Facility NAICS Codes :	44711
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	N/R
NAA Flag :	N/R
Latitude :	20.88752
Longitude :	-156.4694
Last Date in Agency List :	12/17/2018

FRS

Facility Name :	CHEVRON 92619
Facility Address :	130 W KAMEHAMEHA AVE, KAHULUI, HI 96732
County :	MAUI
Registry ID :	110046393032
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

RCRAInfo is EPA’s comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

Map Id: D17
Direction: ESE
Distance: 0.102 mi.
Actual: 540.044 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : CHEVRON 92619
130 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582600
EPA ID: HIR000141267

FRS ***(cont.)***

Source Description :

The Environmental Health Warehouse (EHW) contains the Hawaii Department of Health - Environmental Health Administration's (HDOH-EHA) environmental data. The web-based application allows EHA to inquire about sites in Hawaii that are regulated by the administration due to activities that affect the environment, regardless of the regulation or program that directly monitors those activities. The system allows users a consolidated view of sites without disrupting the underlying source systems or the staff involved as they process their day-to-day workload. The EHW offers geo-spatial and tabular inquiry, mapping, reconciliation/data consolidation, and GIS services.

FRS Environmental Interest

Source and System ID :	HI-EHW - 14269 RCRAINFO - HIR000141267

RCRA_NONGEN

Facility Name :	CHEVRON 92619
Facility Address :	130 W KAMEHAMEHA AVE, KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	08/22/2015
EPA ID :	HIR000141267
Mailing Address :	PO BOX 6004, SAN RAMON, CA 94583
Contact :	KATHY L NORRIS
Contact Address :	PO BOX 6004, SAN RAMON, CA 94583
Contact Country :	US
Contact Telephone :	877-386-6044
Contact Email :	NAWTDESK@CHEVRON.COM
EPA Region :	09
Land Type :	Private
Source Type :	Notification
Classification :	Not a generator, verified
Description :	Not a generator, verified

Owner/Operator Summary

Owner/Operator Name :	CHEVRON
Owner/Operator Address :	N/R
Owner/Operator Country :	US
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R
Owner/Operator Name :	LLOYD YAMAMOTO
Owner/Operator Address :	130 W KAMEHAMEHA AVE, KAHULUI, HI 96732
Owner/Operator Country :	US
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R

Map Id: D17
Direction: ESE
Distance: 0.102 mi.
Actual: 540.044 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : CHEVRON 92619
130 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582600
EPA ID: HIR000141267

RCRA_NONGEN ***(cont.)***

Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	05/14/2005
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Historical Generators

Date Form Received by Agency :	07/20/2012
Facility Name :	CHEVRON 92619
Classification :	Small Quantity Generator

Notices of Violations Summary

Regulation Violated :	N

Map Id: C18
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE CO., LTD - CARP S
120 KANE ST
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 11178840
EPA ID: N/R

LUST - HI

Facility Name :	MAUI PINEAPPLE CO., LTD - CARP S
Facility Address :	120 KANE ST, Kahului, HI 96732

Map Id: C18
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE CO., LTD - CARP S
120 KANE ST
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11178840
EPA ID: N/R

LUST - HI ***(cont.)***

Site Details

LUST Latest Status Date :	10/28/1997
LUST Latest Status :	Site Cleanup Completed (NFA)
Facility ID :	9-502695
Event ID :	950086
Project Officer :	David Hodges
Last Date in Agency List :	01/10/2018

LUST Latest Status Date :	04/28/1995
LUST Latest Status :	Site Cleanup Completed (NFA)
Facility ID :	9-502695
Event ID :	940179
Project Officer :	David Hodges
Last Date in Agency List :	01/10/2018

UST - HI

Facility Name :	MAUI PINEAPPLE CO., LTD - CARP S
Facility Address :	120 KANE ST, Kahului, HI 96732

Site Details

Facility ID :	9-502695
Formal Name :	MAUI PINEAPPLE COMPANY, LTD.
Address :	120 Kane St, Kahului, HI 96732
Latitude Measure :	20.886163
Longitude Measure :	-156.471844
Horizontal Collection Method Name :	Address Matching
Horizontal Reference Datum Name :	NAD83
Last Date in Agency List :	01/10/2019

Tank Details

Installed Date :	04/10/1971
Date Closed :	08/10/1994
Tank ID :	R-5
Tank Status :	Permanently Out of Use
Tank Capacity :	2000
Product :	Diesel

Installed Date :	04/09/1956
Date Closed :	04/27/1995
Tank ID :	R-4
Tank Status :	Permanently Out of Use
Tank Capacity :	1000
Product :	Gasoline

Map Id: C19
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE COMPANY, LTD. - P
120 KANE ST
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 11178841
EPA ID: N/R

LUST - HI

Facility Name :	MAUI PINEAPPLE COMPANY, LTD. - P
Facility Address :	120 KANE ST, Kahului, HI 96732

Site Details

LUST Latest Status Date :	02/11/2009
LUST Latest Status :	Site Cleanup Completed (NFA)
Facility ID :	9-502696
Event ID :	090006
Project Officer :	Josh Nagashima
Last Date in Agency List :	01/10/2018

UST - HI

Facility Name :	MAUI PINEAPPLE COMPANY, LTD. - P
Facility Address :	120 KANE ST, Kahului, HI 96732

Site Details

Facility ID :	9-502696
Formal Name :	MAUI PINEAPPLE COMPANY, LTD.
Address :	120 Kane St, Kahului, HI 96732
Latitude Measure :	20.886021
Longitude Measure :	-156.472208
Horizontal Collection Method Name :	Map
Horizontal Reference Datum Name :	NAD83
Last Date in Agency List :	01/10/2019

Tank Details

Installed Date :	04/10/1971
Date Closed :	12/01/1991
Tank ID :	R-6
Tank Status :	Permanently Out of Use
Tank Capacity :	500
Product :	Kerosene

Installed Date :	04/10/1971
Date Closed :	12/01/1991
Tank ID :	R-7
Tank Status :	Permanently Out of Use
Tank Capacity :	500
Product :	Kerosene

Map Id: C20
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE CO. LTD -- KAHULUI CANNERY
120 KANE ST
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 320010026
EPA ID: N/R

LUST - HI

Facility Name : MAUI PINEAPPLE CO. LTD -- KAHULUI CANNERY
Facility Address : 120 KANE ST, Kahului, HI 96732

Site Details
LUST Latest Status Date : 10/16/2007
LUST Latest Status : Site Cleanup Completed (NFA)
Facility ID : 9-501832
Event ID : 900052
Project Officer : Richard Takaba
Last Date in Agency List : 01/10/2018

UST - HI

Facility Name : MAUI PINEAPPLE CO. LTD -- KAHULUI CANNERY
Facility Address : 120 KANE ST, Kahului, HI 96732

Site Details
Facility ID : 9-501832
Formal Name : MAUI PINEAPPLE COMPANY, LTD.
Address : 120 Kane St, Kahului, HI 96732
Latitude Measure : 20.886021
Longitude Measure : -156.472208
Horizontal Collection Method Name : Map
Horizontal Reference Datum Name : NAD83
Last Date in Agency List : 01/10/2019

Tank Details
Installed Date : 04/09/1946
Date Closed : 11/01/1990
Tank ID : R-2
Tank Status : Permanently Out of Use
Tank Capacity : 6946
Product : Diesel

Installed Date : 04/09/1946
Date Closed : 11/01/1990
Tank ID : R-3
Tank Status : Permanently Out of Use
Tank Capacity : 7207
Product : Diesel

Map Id: C21
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE CO LTD, KANE STREET
120 KANE ST
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI]

Envirosite ID: 403711799
EPA ID: N/R

SHWS - HI

Facility Name :	Maui Pineapple Co Ltd, Kane Street
Facility Address :	120 Kane St, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Maui Pineapple Co Ltd, Kane Street
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	110000486402
Program Full Name :	State
Potential Hazard and Controls :	Hazard Undetermined
Assessment :	Assessment Ongoing
Priority :	Low
Nature of Contamination :	N/R
Nature of Residual Contamination :	N/R
Response :	N/R
Response Action Completed :	N/R
Lead Agency :	HEER
Use Restrictions :	Undetermined
Description of Restrictions :	Investigation on possible dump outstanding.
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	N/R
Document Date :	N/R
Document Number :	N/R
Document Subject :	N/R
Site Closure Document :	N/R
Project Manager :	Eric Sadoyama
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237002001
Description of Portion :	Lot F1.
Tax Map Key :	237002028
Description of Portion :	Lot F2.
Tax Map Key :	237002029
Description of Portion :	Lot F3.
Tax Map Key :	237002030
Description of Portion :	Lot F4.

SPILLS - HI

Facility Name :	Maui Pineapple Co Ltd, Kane Street
Facility Address :	120 Kane St, Kahului, 96732

Map Id: C21
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE CO LTD, KANE STREET
120 KANE ST
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 403711799
EPA ID: N/R

SPILLS - HI ***(cont.)***

Case Number :	19891108-1
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110000486402
Activity Type :	Response
Activity Lead :	N/R
Activity Result :	SOSC NFA
Substances :	Sulfuric Acid
Quantity :	100 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	19986
Organization :	Maui Land and Pineapple Company, Inc.
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	MAUI PINEAPPLE CO.
Was coordination needed on or off scene?:	N/R
Tax Map Key :	237002001 237002028 237002029 237002030
Case Number :	19960802-0915
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110000486402
Activity Type :	Response
Activity Lead :	Terry Corpus
Activity Result :	SOSC NFA
Substances :	Hydraulic Oil
Quantity :	30 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Maui Land and Pineapple Company, Inc.
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	Maui Pineapple Truck Hydraulic Spill on the side of Dairy Road
Was coordination needed on or off scene?:	Yes
Tax Map Key :	237002001 237002028 237002029 237002030

Map Id: C22
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Site Name : KAHULUI CANNERY MAUI PINEAPPLE
120 KANE STREET
KAHULUI, HI 96732

Database(s) : [RCRA_NONGEN]

Envirosite ID: 414582021
EPA ID: HID990675845

RCRA_NONGEN

Facility Name :	KAHULUI CANNERY MAUI PINEAPPLE
Facility Address :	120 KANE STREET, KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	07/18/2018
EPA ID :	HID990675845
Mailing Address :	PO BOX 187, KAHULUI, HI 96732-0187
Contact :	MELVIN HIPOLITO JR
Contact Address :	P O BOX 187, KAHULUI, HI 96733-6687
Contact Country :	US
Contact Telephone :	808-877-3835
Contact Email :	N/R
EPA Region :	09
Land Type :	Private
Source Type :	Implementer
Classification :	Not a generator, verified
Description :	Not a generator, verified

Owner/Operator Summary

Owner/Operator Name :	MAUI LAND & PINEAPPLE COMPANY INC
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	US
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	MAUI PINEAPPLE CO LTD
Owner/Operator Address :	PO BOX 187, KAHULUI, HI 96733-6687
Owner/Operator Country :	US
Owner/Operator Telephone :	808-877-3351
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	NOT REQUIRED
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	US
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Map Id: C22
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Site Name : KAHULUI CANNERY MAUI PINEAPPLE
120 KANE STREET
KAHULUI, HI 96732

Database(s) : [RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582021
EPA ID: HID990675845

RCRA_NONGEN ***(cont.)***

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Historical Generators

Date Form Received by Agency :	08/22/1997
Facility Name :	KAHULUI CANNERY MAUI PINEAPPLE
Classification :	Not a generator, verified
Date Form Received by Agency :	19940497
Facility Name :	KAHULUI CANNERY MAUI PINEAPPLE
Classification :	Not a generator, verified

Notices of Violations Summary

Regulation Violated :	N

Evaluation Action Summary

Evaluation Date :	09/25/2002
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State
Evaluation Date :	20000389
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Map Id: C23
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Site Name : CAMERON CHEMICAL CORP
120 KANE STREET, BUILDING 1
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN]

Envirosite ID: 414582639
EPA ID: HIR000145060

ECHO

Facility Name :	CAMERON CHEMICAL CORP
Facility Address :	120 KANE STREET, BUILDING 1, KAHULUI, HI 96732
County :	MAUI

Site Details

Last Inspection Date :	N/R
Registry ID :	110070207755
FIPS Code :	15009
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	N/R
Derived HUC :	20020000
Derived WBD :	200200000103
Derived STCTY FIPS :	15009
Derived Zip :	96732
Derived CD113 :	02
Derived CB2010 :	150090319002017
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R

Map Id: C23
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Site Name : CAMERON CHEMICAL CORP
120 KANE STREET, BUILDING 1
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582639
EPA ID: HIR000145060

ECHO ***(cont.)***

Facility NAICS Codes :	541620
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	20.88617
Longitude :	-156.47166
Last Date in Agency List :	12/17/2018

Last Inspection Date :	N/R
Registry ID :	N/R
FIPS Code :	N/R
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	Zip Code Centroid
Reference Point :	N/R
Accuracy Meters :	10000
Derived Tribes :	N/R
Derived HUC :	N/R
Derived WBD :	N/R
Derived STCTY FIPS :	N/R
Derived Zip :	N/R
Derived CD113 :	N/R
Derived CB2010 :	N/R

Map Id: C23
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Site Name : CAMERON CHEMICAL CORP
120 KANE STREET, BUILDING 1
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582639
EPA ID: HIR000145060

ECHO ***(cont.)***

MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R
Facility NAICS Codes :	541620
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	20.55241
Longitude :	-156.612422
Last Date in Agency List :	03/12/2018

FRS

Facility Name :	CAMERON CHEMICAL CORP
Facility Address :	120 KANE STREET, BUILDING 1, KAHULUI, HI 96732
County :	MAUI

Map Id: C23
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Site Name : CAMERON CHEMICAL CORP
120 KANE STREET, BUILDING 1
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582639
EPA ID: HIR000145060

FRS ***(cont.)***

Registry ID :	110070207755
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

FRS Environmental Interest

Source and System ID :	RCRAINFO - HIR000145060

RCRA_NONGEN

Facility Name :	CAMERON CHEMICAL CORP
Facility Address :	120 KANE STREET, BUILDING 1, KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	20180255
EPA ID :	HIR000145060
Mailing Address :	110 LEOKANE STREET, WAIPAHU, HI 96797
Contact :	BILL CAMERON
Contact Address :	110 LEOKANE STREET, WAIPAHU, HI 96797
Contact Country :	US
Contact Telephone :	808-695-2999
Contact Email :	BILL@HAWAIICCC.COM
EPA Region :	09
Land Type :	Private
Source Type :	Notification
Classification :	Not a generator, verified
Description :	Not a generator, verified

Owner/Operator Summary

Owner/Operator Name :	CAMERON CHEMICAL CORP
Owner/Operator Address :	110 LEOKANE, WAIPAHU, HI 96797
Owner/Operator Country :	US
Owner/Operator Telephone :	808-695-2999
Owner/Operator Email :	BILL@HAWAIICCC.COM
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	01/15/2018
Owner/Operator End Date :	N/R

Map Id: C23
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Site Name : CAMERON CHEMICAL CORP
120 KANE STREET, BUILDING 1
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 414582639
EPA ID: HIR000145060

RCRA_NONGEN ***(cont.)***

Owner/Operator Name :	NAN CHUL SHIN TRUST
Owner/Operator Address :	636 LAUMAKA, HONOLULU, HI 96819
Owner/Operator Country :	US
Owner/Operator Telephone :	808-842-4929
Owner/Operator Email :	NSHIN@NANHAWAII.COM
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	09/24/2017
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	Y
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	Y
Used Oil Transporter :	Y

Notices of Violations Summary

Regulation Violated :	N

Map Id: D24
Direction: ESE
Distance: 0.105 mi.
Actual: 557.033 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : MECO TRANSFORMER 5317
95 LONO AVE
KAHULUI, HI 96732

Database(s) : [SPILLS - HI]

Envirosite ID: 330387062
EPA ID: N/R

SPILLS - HI

Facility Name :	MECO Transformer 5317
Facility Address :	95 Lono Ave, Kahului, 96732
Case Number :	20040622-1628
Activity End Date :	07/29/2004
HID Number :	N/R
Facility Registry Identifier :	N/R

Map Id: D24
Direction: ESE
Distance: 0.105 mi.
Actual: 557.033 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : MECO TRANSFORMER 5317
95 LONO AVE
KAHULUI, HI 96732

Database(s) : [SPILLS - HI] ***(cont.)***

Envirosite ID: 330387062
EPA ID: N/R

SPILLS - HI ***(cont.)***

Activity Type :	Response
Activity Lead :	Paul Chong
Activity Result :	SOSC NFA
Substances :	Shell Diala Oil AX
Quantity :	< 25 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Maui Electric Co., Inc.
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	MECO Transformer 5317
Was coordination needed on or off scene?:	No
Tax Map Key :	N/R

Map Id: 25
Direction: NW
Distance: 0.110 mi.
Actual: 582.097 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : BREWER ENVIRONMENTAL INDUSTRIES-KAHULUI BEACH ROAD
65 KAHULUI BEACH RD
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI]

Envirosite ID: 319997314
EPA ID: N/R

SHWS - HI

Facility Name :	Brewer Environmental Industries-Kahului Beach Road
Facility Address :	65 Kahului Beach Rd, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	65 Kahului Beach Road
Supplemental Location Text :	Kahului Harbor
HID Number :	N/R
Facility Registry Identifier :	110013779884
Program Full Name :	State
Potential Hazard and Controls :	Hazard Undetermined
Assessment :	Assessment Ongoing
Priority :	NFA
Nature of Contamination :	N/R
Nature of Residual Contamination :	N/R
Response :	N/R
Response Action Completed :	06/25/1998
Lead Agency :	HEER
Use Restrictions :	Undetermined
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R

Map Id: 25
Direction: NW
Distance: 0.110 mi.
Actual: 582.097 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : BREWER ENVIRONMENTAL INDUSTRIES-KAHULUI BEACH ROAD
65 KAHULUI BEACH RD
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997314
EPA ID: N/R

SHWS - HI ***(cont.)***

Date Issued :	N/R
Within Designated Areawide Contamination:	N/R
Document Date :	06/25/1998
Document Number :	N/R
Document Subject :	N/R
Site Closure Document :	No Further Action - Type Undetermined
Project Manager :	Unassigned
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237011017
Description of Portion :	N/R
Tax Map Key :	237011019
Description of Portion :	N/R

SPILLS - HI

Facility Name :	Brewer Environmental Industries-Kahului Beach Road
Facility Address :	65 Kahului Beach Rd, Kahului, 96732
Case Number :	19940718
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013779884
Activity Type :	Response
Activity Lead :	Terry Corpus
Activity Result :	SOSC NFA
Substances :	Urea Ammonium Nitrate
Quantity :	20000 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Brewer Environmental Industries, Inc.
Location Island :	Maui
Supplemental Location :	Kahului Harbor
EP&R Environmental Interest :	Brewer Kahului Harbor 20,000 Gallon Urea Ammonium Nitrate Spill
Was coordination needed on or off scene?:	N/R
Tax Map Key :	237011017 237011019

Map Id: 26
Direction: SW
Distance: 0.172 mi.
Actual: 906.154 ft.
Elevation: 0.005 mi. / 26.253 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE CO LTD, KANE STREET
716 UMI
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI]

Envirosite ID: 345751959
EPA ID: N/R

SHWS - HI

Facility Name :	Maui Pineapple Co Ltd, Kane Street
Facility Address :	716 umi, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Maui Pineapple Co Ltd, Kane Street
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	110000486402
Program Full Name :	State
Potential Hazard and Controls :	Hazard Undetermined
Assessment :	Assessment Ongoing
Priority :	Low
Nature of Contamination :	N/R
Nature of Residual Contamination :	N/R
Response :	N/R
Response Action Completed :	N/R
Lead Agency :	HEER
Use Restrictions :	Undetermined
Description of Restrictions :	Investigation on possible dump outstanding.
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	N/R
Document Date :	N/R
Document Number :	N/R
Document Subject :	N/R
Site Closure Document :	N/R
Project Manager :	Eric Sadoyama
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	09/20/2018

Tax Map Key Information

Tax Map Key :	237002001
Description of Portion :	Lot F1.
Tax Map Key :	237002028
Description of Portion :	Lot F2.
Tax Map Key :	237002029
Description of Portion :	Lot F3.
Tax Map Key :	237002030
Description of Portion :	Lot F4.

SPILLS - HI

Facility Name :	Maui Pineapple Co Ltd, Kane Street
Facility Address :	716 umi, Kahului, 96732

Map Id: 26
Direction: SW
Distance: 0.172 mi.
Actual: 906.154 ft.
Elevation: 0.005 mi. / 26.253 ft.
Relative: Higher

Site Name : MAUI PINEAPPLE CO LTD, KANE STREET
716 UMI
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 345751959
EPA ID: N/R

SPILLS - HI ***(cont.)***

Case Number :	19891108-1
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110000486402
Activity Type :	Response
Activity Lead :	N/R
Activity Result :	SOSC NFA
Substances :	Sulfuric Acid
Quantity :	100 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	19986
Organization :	Maui Land and Pineapple Company, Inc.
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	MAUI PINEAPPLE CO.
Was coordination needed on or off scene?:	N/R
Tax Map Key :	237002001 237002028 237002029 237002030
Case Number :	19960802-0915
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110000486402
Activity Type :	Response
Activity Lead :	Terry Corpus
Activity Result :	SOSC NFA
Substances :	Hydraulic Oil
Quantity :	30 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Maui Land and Pineapple Company, Inc.
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	Maui Pineapple Truck Hydraulic Spill on the side of Dairy Road
Was coordination needed on or off scene?:	Yes
Tax Map Key :	237002001 237002028 237002029 237002030

Map Id: E27
Direction: NE
Distance: 0.173 mi.
Actual: 913.294 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : VIP CAR RENTAL
80 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [HIST LUST - HI, UST - HI]

Envirosite ID: 11687930
EPA ID: N/R

HIST LUST - HI

Facility Name :	VIP CAR RENTAL
Facility Address :	80 KAAHUMANU AVE, Kahului, HI 96732
Installed Date :	N/R
Facility ID :	9-501882
Tank ID :	R-1
Tank Status Description :	Permanently Out of Use
Tank Capacity :	1000
Substance Description :	Gasoline
Date Closed :	01/23/1997
Organization Name :	A & B PROPERTIES, INC.
Organization Address :	80 KAAHUMANU AVE, Kahului, HI 96732
Last Date in Agency list :	03/04/2014

UST - HI

Facility Name :	VIP CAR RENTAL
Facility Address :	80 KAAHUMANU AVE, Kahului, HI 96732

Site Details

Facility ID :	9-501882
Formal Name :	A & B PROPERTIES, INC.
Address :	Kahului, HI 96732
Latitude Measure :	N/R
Longitude Measure :	N/R
Horizontal Collection Method Name :	N/R
Horizontal Reference Datum Name :	N/R
Last Date in Agency List :	01/10/2019

Tank Details

Installed Date :	N/R
Date Closed :	01/23/1997
Tank ID :	R-1
Tank Status :	Permanently Out of Use
Tank Capacity :	1000
Product :	Gasoline

Map Id: F28
Direction: W
Distance: 0.203 mi.
Actual: 1071.722 ft.
Elevation: 0.003 mi. / 16.417 ft.
Relative: Higher

Site Name : LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG]

Envirosite ID: 414165728
EPA ID: HIR000143487

BRS

Facility Name :	LONGS DRUG STORE #10848

Map Id: F28
Direction: W
Distance: 0.203 mi.
Actual: 1071.722 ft.
Elevation: 0.003 mi. / 16.417 ft.
Relative: Higher

Site Name : LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414165728
EPA ID: HIR000143487

BRS ***(cont.)***

Facility Address :	275 W KAAHUMANU AVE 1C01, KAHULUI, HI 96732
County :	MAUI

Site Details

Date Form Received by Agency :	20180259
EPA ID :	HIR000143487
Mailing Address :	ONE CVS DRIVE, WOONSOCKET, RI 02895
Contact :	NICOLE WILKINSON
Contact Address :	ONE CVS DRIVE MAIL CODE 2340, WOONSOCKET, RI 02895
Contact Country :	US
Contact Telephone :	401-770-7132
Contact Email :	NICOLE.WILKINSON@CVSHEALTH.COM
EPA Region :	09
Land Type :	Private
Source Type :	Annual/Biennial Report updated with Notification
Classification :	Large Quantity Generator

Description :

Handlers that generate 1,000 kg or more of hazardous waste during any calendar month; or generate more than 1 kg of acutely hazardous waste during any calendar month; or generate more than 100 kg 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; or generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1 kg of acutely hazardous waste at any time; or generate 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 accumulated more than 100 kg of that material at any time.

Last Date in Agency List :	12/21/2018

Owner/Operator Summary

Owner/Operator Name :	LONGS DRUG STORES CALIFORNIA, LLC
Owner/Operator Address :	ONE CVS DR, WOONSOCKET, RI 02895
Owner/Operator Country :	US
Owner/Operator Telephone :	401-765-1500
Owner/Operator Email :	NICOLE.WILKINSON@CVSHEALTH.COM
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	04/10/2015
Owner/Operator End Date :	N/R

Owner/Operator Name :	QKC MAUI OWNER, LLC
Owner/Operator Address :	600 MONTGOMERY ST, 4TH FL, SAN FRANCISCO, CA 94111
Owner/Operator Country :	US
Owner/Operator Telephone :	808-877-3369
Owner/Operator Email :	NICOLE.WILKINSON@CVSHEALTH.COM
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	09/25/2010
Owner/Operator End Date :	N/R

Map Id: F28
Direction: W
Distance: 0.203 mi.
Actual: 1071.722 ft.
Elevation: 0.003 mi. / 16.417 ft.
Relative: Higher

Site Name : LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414165728
EPA ID: HIR000143487

BRS ***(cont.)***

Waste Activity Monitoring

Report Cycle :	2017
Hazardous Waste Page Number :	1
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	ACUTE TOXIC SOLIDS
Primary NAICS :	44611
Source Code :	G11
Source Code Description :	Discarding off-specification, out-of-date, and/or unused chemicals or products
Form Code :	W005
Form Code Description :	Waste pharmaceuticals managed as hazardous waste
Management Method :	H141
Management Method Description :	The site receiving this waste stored/bulked and transferred the waste with no treatment or recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at that receiving site.
Generation Tons :	0.005
Managed Tons :	0
Shipped Tons :	0.005
Received Tons :	0
Receiver ID :	WAD020257945
Receiver State :	WA
Shipper ID :	HIR000143487
Shipper State :	HI
Waste Minimization Code :	X
Waste Minimization Code Description :	No waste minimization efforts were implemented for this waste
Waste Code List :	N/R
Waste Code Group :	PMIX
Waste Code Group Description :	P mixtures
Waste Generation Type :	N/R

Report Cycle :	2017
Hazardous Waste Page Number :	10
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	TOXIC LIQUIDS
Primary NAICS :	44611
Source Code :	G11
Source Code Description :	Discarding off-specification, out-of-date, and/or unused chemicals or products
Form Code :	W001
Form Code Description :	Lab packs from any source not containing acute hazardous waste
Management Method :	H141
Management Method Description :	The site receiving this waste stored/bulked and transferred the waste with no treatment or recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at that receiving site.
Generation Tons :	0.002
Managed Tons :	0

Map Id: F28
Direction: W
Distance: 0.203 mi.
Actual: 1071.722 ft.
Elevation: 0.003 mi. / 16.417 ft.
Relative: Higher

Site Name : LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414165728
EPA ID: HIR000143487

BRS ***(cont.)***

Shipped Tons :	0.002
Received Tons :	0
Receiver ID :	WAD020257945
Receiver State :	WA
Shipper ID :	HIR000143487
Shipper State :	HI
Waste Minimization Code :	X
Waste Minimization Code Description :	No waste minimization efforts were implemented for this waste
Waste Code List :	N/R
Waste Code Group :	UMIX
Waste Code Group Description :	U mixtures
Waste Generation Type :	N/R

Report Cycle :	2017
Hazardous Waste Page Number :	2
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	AEROSOLS, FLAMMABLE
Primary NAICS :	44611
Source Code :	G11
Source Code Description :	Discarding off-specification, out-of-date, and/or unused chemicals or products
Form Code :	W801
Form Code Description :	Compressed gases of any type
Management Method :	H141
Management Method Description :	The site receiving this waste stored/bulked and transferred the waste with no treatment or recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at that receiving site.
Generation Tons :	0.017
Managed Tons :	0
Shipped Tons :	0.017
Received Tons :	0
Receiver ID :	WAD020257945
Receiver State :	WA
Shipper ID :	HIR000143487
Shipper State :	HI
Waste Minimization Code :	X
Waste Minimization Code Description :	No waste minimization efforts were implemented for this waste
Waste Code List :	N/R
Waste Code Group :	D001
Waste Code Group Description :	IGNITABLE WASTE
Waste Generation Type :	N/R

Report Cycle :	2017
Hazardous Waste Page Number :	3
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	BLEACH
Primary NAICS :	44611
Source Code :	G11

Map Id: F28
Direction: W
Distance: 0.203 mi.
Actual: 1071.722 ft.
Elevation: 0.003 mi. / 16.417 ft.
Relative: Higher

Site Name : LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414165728
EPA ID: HIR000143487

BRS ***(cont.)***

Source Code Description :	Discarding off-specification, out-of-date, and/or unused chemicals or products
Form Code :	W110
Form Code Description :	Caustic aqueous waste without cyanides (pH >12.5)
Management Method :	H141
Management Method Description :	The site receiving this waste stored/bulked and transferred the waste with no treatment or recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at that receiving site.
Generation Tons :	0.004
Managed Tons :	0
Shipped Tons :	0.004
Received Tons :	0
Receiver ID :	WAD020257945
Receiver State :	WA
Shipper ID :	HIR000143487
Shipper State :	HI
Waste Minimization Code :	X
Waste Minimization Code Description :	No waste minimization efforts were implemented for this waste
Waste Code List :	N/R
Waste Code Group :	D002
Waste Code Group Description :	CORROSIVE WASTE
Waste Generation Type :	N/R
Report Cycle :	2017
Hazardous Waste Page Number :	4
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	CORROSIVE BASIC LIQUIDS
Primary NAICS :	44611
Source Code :	G11
Source Code Description :	Discarding off-specification, out-of-date, and/or unused chemicals or products
Form Code :	W110
Form Code Description :	Caustic aqueous waste without cyanides (pH >12.5)
Management Method :	H141
Management Method Description :	The site receiving this waste stored/bulked and transferred the waste with no treatment or recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at that receiving site.
Generation Tons :	0.0025
Managed Tons :	0
Shipped Tons :	0.0025
Received Tons :	0
Receiver ID :	WAD020257945
Receiver State :	WA
Shipper ID :	HIR000143487
Shipper State :	HI
Waste Minimization Code :	X
Waste Minimization Code Description :	No waste minimization efforts were implemented for this waste
Waste Code List :	N/R

Map Id: F28
Direction: W
Distance: 0.203 mi.
Actual: 1071.722 ft.
Elevation: 0.003 mi. / 16.417 ft.
Relative: Higher

Site Name : LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414165728
EPA ID: HIR000143487

BRS ***(cont.)***

Waste Code Group :	D002
Waste Code Group Description :	CORROSIVE WASTE
Waste Generation Type :	N/R
Report Cycle :	2017
Hazardous Waste Page Number :	5
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	EMPTY WARFARIN CONTAINERS
Primary NAICS :	44611
Source Code :	G11
Source Code Description :	Discarding off-specification, out-of-date, and/or unused chemicals or products
Form Code :	W319
Form Code Description :	Other inorganic solids (specify in comments)
Management Method :	H141
Management Method Description :	The site receiving this waste stored/bulked and transferred the waste with no treatment or recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at that receiving site.
Generation Tons :	0.002
Managed Tons :	0
Shipped Tons :	0.002
Received Tons :	0
Receiver ID :	WAD020257945
Receiver State :	WA
Shipper ID :	HIR000143487
Shipper State :	HI
Waste Minimization Code :	X
Waste Minimization Code Description :	No waste minimization efforts were implemented for this waste
Waste Code List :	N/R
Waste Code Group :	P001
Waste Code Group Description :	2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRES
Waste Generation Type :	N/R
Report Cycle :	2017
Hazardous Waste Page Number :	6
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	FLAMMABLE LIQUIDS
Primary NAICS :	44611
Source Code :	G11
Source Code Description :	Discarding off-specification, out-of-date, and/or unused chemicals or products
Form Code :	W219
Form Code Description :	Other organic liquid (specify in comments)

Map Id: F28
Direction: W
Distance: 0.203 mi.
Actual: 1071.722 ft.
Elevation: 0.003 mi. / 16.417 ft.
Relative: Higher

Site Name : LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414165728
EPA ID: HIR000143487

BRS ***(cont.)***

Management Method :	H141
Management Method Description :	The site receiving this waste stored/bulked and transferred the waste with no treatment or recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at that receiving site.
Generation Tons :	0.0295
Managed Tons :	0
Shipped Tons :	0.0295
Received Tons :	0
Receiver ID :	WAD020257945
Receiver State :	WA
Shipper ID :	HIR000143487
Shipper State :	HI
Waste Minimization Code :	X
Waste Minimization Code Description :	No waste minimization efforts were implemented for this waste
Waste Code List :	N/R
Waste Code Group :	U002
Waste Code Group Description :	2-PROPANONE (I) (OR) ACETONE (I)
Waste Generation Type :	N/R
Report Cycle :	2017
Hazardous Waste Page Number :	7
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	OXIDIZING LIQUIDS
Primary NAICS :	44611
Source Code :	G11
Source Code Description :	Discarding off-specification, out-of-date, and/or unused chemicals or products
Form Code :	W119
Form Code Description :	Other inorganic liquid (specify in comments)
Management Method :	H141
Management Method Description :	The site receiving this waste stored/bulked and transferred the waste with no treatment or recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at that receiving site.
Generation Tons :	0.0005
Managed Tons :	0
Shipped Tons :	0.0005
Received Tons :	0
Receiver ID :	WAD020257945
Receiver State :	WA
Shipper ID :	HIR000143487
Shipper State :	HI
Waste Minimization Code :	X
Waste Minimization Code Description :	No waste minimization efforts were implemented for this waste
Waste Code List :	N/R
Waste Code Group :	D001
Waste Code Group Description :	IGNITABLE WASTE
Waste Generation Type :	N/R

Map Id: F28
Direction: W
Distance: 0.203 mi.
Actual: 1071.722 ft.
Elevation: 0.003 mi. / 16.417 ft.
Relative: Higher

Site Name : LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414165728
EPA ID: HIR000143487

BRS ***(cont.)***

Report Cycle :	2017
Hazardous Waste Page Number :	8
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	RX TOXIC LIQUIDS
Primary NAICS :	44611
Source Code :	G11
Source Code Description :	Discarding off-specification, out-of-date, and/or unused chemicals or products
Form Code :	W005
Form Code Description :	Waste pharmaceuticals managed as hazardous waste
Management Method :	H141
Management Method Description :	The site receiving this waste stored/bulked and transferred the waste with no treatment or recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at that receiving site.
Generation Tons :	0.0015
Managed Tons :	0
Shipped Tons :	0.0015
Received Tons :	0
Receiver ID :	WAD020257945
Receiver State :	WA
Shipper ID :	HIR000143487
Shipper State :	HI
Waste Minimization Code :	X
Waste Minimization Code Description :	No waste minimization efforts were implemented for this waste
Waste Code List :	N/R
Waste Code Group :	UMIX
Waste Code Group Description :	U mixtures
Waste Generation Type :	N/R

Report Cycle :	2017
Hazardous Waste Page Number :	9
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	RX TOXIC SOLIDS
Primary NAICS :	44611
Source Code :	G11
Source Code Description :	Discarding off-specification, out-of-date, and/or unused chemicals or products
Form Code :	W005
Form Code Description :	Waste pharmaceuticals managed as hazardous waste
Management Method :	H141
Management Method Description :	The site receiving this waste stored/bulked and transferred the waste with no treatment or recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at that receiving site.
Generation Tons :	0.003
Managed Tons :	0
Shipped Tons :	0.003

Map Id: F28
Direction: W
Distance: 0.203 mi.
Actual: 1071.722 ft.
Elevation: 0.003 mi. / 16.417 ft.
Relative: Higher

Site Name : LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414165728
EPA ID: HIR000143487

BRS ***(cont.)***

Received Tons :	0
Receiver ID :	WAD020257945
Receiver State :	WA
Shipper ID :	HIR000143487
Shipper State :	HI
Waste Minimization Code :	X
Waste Minimization Code Description :	No waste minimization efforts were implemented for this waste
Waste Code List :	N/R
Waste Code Group :	TCMT
Waste Code Group Description :	D004-D011 combinations
Waste Generation Type :	N/R

ECHO

Facility Name :	LONGS DRUG STORE #10848
Facility Address :	275 W KAAHUMANU AVE 1C01, KAHULUI, HI 96732
County :	MAUI

Site Details

Last Inspection Date :	N/R
Registry ID :	110067047145
FIPS Code :	15009
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	N/R
Derived HUC :	20020000
Derived WBD :	200200000103
Derived STCTY FIPS :	15009
Derived Zip :	96732
Derived CD113 :	02
Derived CB2010 :	150090311021000
MYRTK Universe :	NNY
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R

Map Id: F28
Direction: W
Distance: 0.203 mi.
Actual: 1071.722 ft.
Elevation: 0.003 mi. / 16.417 ft.
Relative: Higher

Site Name : LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414165728
EPA ID: HIR000143487

ECHO ***(cont.)***

CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R
Facility NAICS Codes :	44611
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	20.88875
Longitude :	-156.47608
Last Date in Agency List :	12/17/2018

FRS

Facility Name :	LONGS DRUG STORE #10848
Facility Address :	275 W KAAHUMANU AVE 1C01, KAHULUI, HI 96732
County :	MAUI
Registry ID :	110067047145
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Map Id: F28
Direction: W
Distance: 0.203 mi.
Actual: 1071.722 ft.
Elevation: 0.003 mi. / 16.417 ft.
Relative: Higher

Site Name : LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414165728
EPA ID: HIR000143487

FRS ***(cont.)***

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

Source Description :

The Environmental Health Warehouse (EHW) contains the Hawaii Department of Health - Environmental Health Administration's (HDOH-EHA) environmental data. The web-based application allows EHA to inquire about sites in Hawaii that are regulated by the administration due to activities that affect the environment, regardless of the regulation or program that directly monitors those activities. The system allows users a consolidated view of sites without disrupting the underlying source systems or the staff involved as they process their day-to-day workload. The EHW offers geo-spatial and tabular inquiry, mapping, reconciliation/data consolidation, and GIS services.

FRS Environmental Interest

Source and System ID :	HI-EHW - 15495 RCRAINFO - HIR000143487

RCRA_LQG

Facility Name :	LONGS DRUG STORE #10848
Facility Address :	275 W KAAHUMANU AVE 1C01, KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	20180259
EPA ID :	HIR000143487
Mailing Address :	ONE CVS DRIVE, WOONSOCKET, RI 02895
Contact :	NICOLE WILKINSON
Contact Address :	ONE CVS DRIVE MAIL CODE 2340, WOONSOCKET, RI 02895
Contact Country :	US
Contact Telephone :	401-770-7132
Contact Email :	NICOLE.WILKINSON@CVSHEALTH.COM
EPA Region :	09
Land Type :	Private
Source Type :	Annual/Biennial Report updated with Notification
Classification :	Large Quantity Generator

Description :

Handlers that generate 1,000 kg or more of hazardous waste during any calendar month; or generate more than 1 kg of acutely hazardous waste during any calendar month; or generate more than 100 kg 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; or generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1 kg of acutely hazardous waste at any time; or generate 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 accumulated more than 100 kg of that material at any time.

Map Id: F28
Direction: W
Distance: 0.203 mi.
Actual: 1071.722 ft.
Elevation: 0.003 mi. / 16.417 ft.
Relative: Higher

Site Name : LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414165728
EPA ID: HIR000143487

RCRA_LQG ***(cont.)***

Last Date in Agency List : 12/21/2018

Owner/Operator Summary

Owner/Operator Name :	LONGS DRUG STORES CALIFORNIA, LLC
Owner/Operator Address :	ONE CVS DR, WOONSOCKET, RI 02895
Owner/Operator Country :	US
Owner/Operator Telephone :	401-765-1500
Owner/Operator Email :	NICOLE.WILKINSON@CVSHEALTH.COM
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	04/10/2015
Owner/Operator End Date :	N/R

Owner/Operator Name :	QKC MAUI OWNER, LLC
Owner/Operator Address :	600 MONTGOMERY ST, 4TH FL, SAN FRANCISCO, CA 94111
Owner/Operator Country :	US
Owner/Operator Telephone :	808-877-3369
Owner/Operator Email :	NICOLE.WILKINSON@CVSHEALTH.COM
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	09/25/2010
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Historical Generators

Date Form Received by Agency :	20170368
Facility Name :	LONGS DRUG STORE #10848
Classification :	Large Quantity Generator

Date Form Received by Agency :	20151233
Facility Name :	LONGS DRUG STORE #10848

Map Id: F28
Direction: W
Distance: 0.203 mi.
Actual: 1071.722 ft.
Elevation: 0.003 mi. / 16.417 ft.
Relative: Higher

Site Name : LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG] ***(cont.)***

Envirosite ID: 414165728
EPA ID: HIR000143487

RCRA_LQG ***(cont.)***

Classification : Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary
Waste Code / Name :
D001 - IGNITABLE WASTE
D002 - CORROSIVE WASTE
D007 - CHROMIUM
D009 - MERCURY
D010 - SELENIUM
D024 - M-CRESOL
P001 - 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
P075 - NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL) -,(S)-, & SALTS
U002 - 2-PROPANONE (I) (OR) ACETONE (I)
U129 - CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
U205 - SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Notices of Violations Summary
Regulation Violated : N

Map Id: G29
Direction: SSE
Distance: 0.204 mi.
Actual: 1078.831 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : MECO VEHICLE 411
210 KAMEHAMEHA AVE
KAHULUI, HI 96733

Database(s) : [I C - HI, SHWS - HI]

Envirosite ID: 318981808
EPA ID: N/R

I C - HI

Facility Name : MECO Vehicle 411
Facility Address : 210 Kamehameha Ave, Kahului, HI 96733
County : Maui

SDAR Environmental Interest Name : MECO Vehicle 411
Supplemental Location Text : N/R
HID Number : N/R
Facility Registry Identifier : 110013766576
Program Full Name : State
Potential Hazard and Controls : Hazard Managed With Controls
Assessment : Response Necessary
Priority : NFA
Nature of Contamination : N/R
Nature of Residual Contamination : TPH above EALs.
Response : Response Complete

Map Id: G29
Direction: SSE
Distance: 0.204 mi.
Actual: 1078.831 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : MECO VEHICLE 411
210 KAMEHAMEHA AVE
KAHULUI, HI 96733

Database(s) : [I C - HI, SHWS - HI] ***(cont.)***

Envirosite ID: 318981808
EPA ID: N/R

I C - HI ***(cont.)***

Response Action Completed :	01/11/2013
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	Government - Hawaii Dept. of Health Letter Issued
Date Issued :	01/11/2013
Within Designated Areawide Contamination:	N/R
Document Date :	01/11/2013
Document Number :	2013-021-JQN
Document Subject :	No Further Action Determination with Institutional Controls for Transformer No. 13702 (Incident ID 20090212-0700) and MECO Transmission Oil Release at MECO Facility: Kahului Baseyard
Site Closure Document :	No Further Action Letter - Restricted Use
Project Manager :	Jordan Nakayama
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	N/R
Description of Portion :	N/R

SHWS - HI

Facility Name :	MECO Vehicle 411
Facility Address :	210 Kamehameha Ave, Kahului, HI 96733
County :	Maui

Site Details

SDAR Environmental Interest Name :	MECO Vehicle 411
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013766576
Program Full Name :	State
Potential Hazard and Controls :	Hazard Managed With Controls
Assessment :	Response Necessary
Priority :	NFA
Nature of Contamination :	N/R
Nature of Residual Contamination :	TPH above EALs.
Response :	Response Complete
Response Action Completed :	01/11/2013
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	Government - Hawaii Dept. of Health Letter Issued
Date Issued :	01/11/2013
Within Designated Areawide Contamination:	N/R
Document Date :	01/11/2013

Map Id: G29
Direction: SSE
Distance: 0.204 mi.
Actual: 1078.831 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : MECO VEHICLE 411
210 KAMEHAMEHA AVE
KAHULUI, HI 96733

Database(s) : [I C - HI, SHWS - HI] ***(cont.)***

Envirosite ID: 318981808
EPA ID: N/R

SHWS - HI ***(cont.)***

Document Number :	2013-021-JQN
Document Subject :	No Further Action Determination with Institutional Controls for Transformer No. 13702 (Incident ID 20090212-0700) and MECO Transmission Oil Release at MECO Facility: Kahului Baseyard
Site Closure Document :	No Further Action Letter - Restricted Use
Project Manager :	Jordan Nakayama
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	N/R
Description of Portion :	N/R

Map Id: G30
Direction: SSE
Distance: 0.204 mi.
Actual: 1078.953 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : PAD-MOUNT TRANSFORMER MECO
210 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI]

Envirosite ID: 319997413
EPA ID: N/R

SHWS - HI

Facility Name :	Pad-Mount Transformer MECO
Facility Address :	210 W Kamehameha Ave, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	MECO Pad-Mount Transformer No. 8052
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	N/R
Program Full Name :	State
Potential Hazard and Controls :	No Hazard
Assessment :	Response Necessary
Priority :	NFA
Nature of Contamination :	N/R
Nature of Residual Contamination :	Below HDOH EALs; TPH (<150 mg/kg), PCB (<0.5 mg/kg)
Response :	Response Complete
Response Action Completed :	04/23/2012
Lead Agency :	HEER
Use Restrictions :	No Hazard Present For Unrestricted Residential Use
Description of Restrictions :	N/R
Engineering Control :	No Engineering Control Required
Institutional Control :	N/R
Date Issued :	N/R

Map Id: G30
Direction: SSE
Distance: 0.204 mi.
Actual: 1078.953 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : PAD-MOUNT TRANSFORMER MECO
210 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997413
EPA ID: N/R

SHWS - HI ***(cont.)***

Within Designated Areawide Contamination:	N/R
Document Date :	04/23/2012
Document Number :	2012-254-AH
Document Subject :	No Further Action Determination for MECO Pad-Mount Transformer No. 8052 based upon review of Low Risk Release from Oil-Containing Electrical Equipment, Follow Up Letter, Incident ID 20070727-144, Apr 18, 2012
Site Closure Document :	No Further Action Letter - Unrestricted Residential Use
Project Manager :	Amelia Hicks
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	238007033
Description of Portion :	N/R

SPILLS - HI

Facility Name :	Pad-Mount Transformer MECO
Facility Address :	210 W Kamehameha Ave, Kahului, 96732
Case Number :	20070727-1441
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	N/R
Activity Type :	Response
Activity Lead :	Liz Galvez
Activity Result :	Refer to SDAR
Substances :	Oil Lubricating
Quantity :	1 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Maui Electric Co., Inc.
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	MECO Mobile Substation Transformer No. 8052
Was coordination needed on or off scene?:	None
Tax Map Key :	238007033

Map Id: G31
Direction: SSE
Distance: 0.204 mi.
Actual: 1078.953 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : MAUI ELECTRIC COMPANY, LTD. KAHULUI BASE YARD
210 WEST KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 320004370
EPA ID: N/R

LUST - HI

Facility Name :	Maui Electric Company, Ltd. Kahului Base Yard
Facility Address :	210 West KAMEHAMEHA AVE, Kahului, HI 96732

Site Details

LUST Latest Status Date :	08/26/1999
LUST Latest Status :	Site Cleanup Completed (NFA)
Facility ID :	9-500956
Event ID :	900017
Project Officer :	Renato Maniulit
Last Date in Agency List :	01/10/2018

UST - HI

Facility Name :	Maui Electric Company, Ltd. Kahului Base Yard
Facility Address :	210 West KAMEHAMEHA AVE, Kahului, HI 96732

Site Details

Facility ID :	9-500956
Formal Name :	MAUI ELECTRIC CO., INC.
Address :	P.O. BOX 398, Kahului, HI 96732
Latitude Measure :	20.88777
Longitude Measure :	-156.47459
Horizontal Collection Method Name :	GPS
Horizontal Reference Datum Name :	NAD83
Last Date in Agency List :	01/10/2019

Tank Details

Installed Date :	10/04/1990
Date Closed :	N/R
Tank ID :	1
Tank Status :	Currently in Use
Tank Capacity :	6000
Product :	Gasohol

Installed Date :	N/R
Date Closed :	11/14/1989
Tank ID :	R-1
Tank Status :	Permanently Out of Use
Tank Capacity :	1000
Product :	Gasoline

Installed Date :	N/R
Date Closed :	11/14/1989
Tank ID :	R-2
Tank Status :	Permanently Out of Use
Tank Capacity :	6000
Product :	Gasoline

Map Id: G32
Direction: SSE
Distance: 0.204 mi.
Actual: 1078.953 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : MECO KAHULUI T & D BASE YARD
210 WEST KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 406777975
EPA ID: N/R

LUST - HI

Facility Name :	MECO Kahului T & D BASE YARD
Facility Address :	210 West KAMEHAMEHA AVE, Kahului, HI 96732

Site Details

LUST Latest Status Date :	08/26/1999
LUST Latest Status :	Site Cleanup Completed (NFA)
Facility ID :	9-500956
Event ID :	900017
Project Officer :	Renato Maniulit
Last Date in Agency List :	11/14/2015

UST - HI

Facility Name :	MECO Kahului T & D BASE YARD
Facility Address :	210 West KAMEHAMEHA AVE, Kahului, HI 96732

Site Details

Facility ID :	9-500956
Formal Name :	MAUI ELECTRIC CO., INC.
Address :	P.O. BOX 398, Kahului, HI 96732
Latitude Measure :	20.88777
Longitude Measure :	-156.47459
Horizontal Collection Method Name :	GPS
Horizontal Reference Datum Name :	NAD83
Last Date in Agency List :	11/14/2015

Tank Details

Installed Date :	N/R
Date Closed :	11/14/1989
Tank ID :	R-2
Tank Status :	Permanently Out of Use
Tank Capacity :	6000
Product :	Gasoline

Map Id: G33
Direction: SSE
Distance: 0.204 mi.
Actual: 1078.953 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : KAHULUI BASEYARD
210 W KAMEHAMEHA AVENUE
KAHULUI, HI 96732

Database(s) : [RCRA_SQG]

Envirosite ID: 414975250
EPA ID: HID006927164

RCRA_SQG

Facility Name :	KAHULUI BASEYARD
Facility Address :	210 W KAMEHAMEHA AVENUE, KAHULUI, HI 96732
County :	MAUI

Map Id: G33
Direction: SSE
Distance: 0.204 mi.
Actual: 1078.953 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : KAHULUI BASEYARD
210 W KAMEHAMEHA AVENUE
KAHULUI, HI 96732

Database(s) : [RCRA_SQG] ***(cont.)***

Envirosite ID: 414975250
EPA ID: HID006927164

RCRA_SQG ***(cont.)***

Date Form Received by Agency :	20030378
EPA ID :	HID006927164
Mailing Address :	PO BOX 398, KAHULUI, HI 96733-6898
Contact :	DONN FUKADA
Contact Address :	HI
Contact Country :	US
Contact Telephone :	808-543-4525
Contact Email :	N/R
EPA Region :	09
Land Type :	Private
Source Type :	Notification
Classification :	Small Quantity Generator
Description :	Handlers that generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.
Last Date in Agency List :	12/21/2018

Owner/Operator Summary

Owner/Operator Name :	MAUI ELEC CO, LTD
Owner/Operator Address :	N/R
Owner/Operator Country :	US
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	01/01/1933
Owner/Operator End Date :	N/R

Owner/Operator Name :	MAUI ELEC CO, LTD
Owner/Operator Address :	N/R
Owner/Operator Country :	US
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	01/01/1933
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N

Map Id: G33
Direction: SSE
Distance: 0.204 mi.
Actual: 1078.953 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : KAHULUI BASEYARD
210 W KAMEHAMEHA AVENUE
KAHULUI, HI 96732

Database(s) : [RCRA_SQG] ***(cont.)***

Envirosite ID: 414975250
EPA ID: HID006927164

RCRA_SQG ***(cont.)***

Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	Y
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Historical Generators

Date Form Received by Agency :	07/21/1993
Facility Name :	MAUI ELECTRIC COMPANY OFFICE COMPLEX
Classification :	Not a generator, verified

Hazardous Waste Summary

Waste Code / Name :	D001 - IGNITABLE WASTE D006 - CADMIUM D008 - LEAD

Notices of Violations Summary

Regulation Violated :	N

Map Id: E34
Direction: ENE
Distance: 0.219 mi.
Actual: 1153.750 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI SHOPPING CENTER
47 WEST KAAHUMANU AVENUE
KAHULUI, HI 96732

Database(s) : [ECHO, RCRA_SQG]

Envirosite ID: 414975486
EPA ID: HIR000145318

ECHO

Facility Name :	KAHULUI SHOPPING CENTER
Facility Address :	47 WEST KAAHUMANU AVENUE, KAHULUI, HI 96732
County :	MAUI

Site Details

Last Inspection Date :	N/R
Registry ID :	N/R
FIPS Code :	N/R
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R

Map Id: E34
Direction: ENE
Distance: 0.219 mi.
Actual: 1153.750 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI SHOPPING CENTER
47 WEST KAAHUMANU AVENUE
KAHULUI, HI 96732

Database(s) : [ECHO, RCRA_SQG] ***(cont.)***

Envirosite ID: 414975486
EPA ID: HIR000145318

ECHO ***(cont.)***

Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	Zip Code Centroid
Reference Point :	N/R
Accuracy Meters :	10000
Derived Tribes :	N/R
Derived HUC :	N/R
Derived WBD :	N/R
Derived STCTY FIPS :	N/R
Derived Zip :	N/R
Derived CD113 :	N/R
Derived CB2010 :	N/R
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R
Facility NAICS Codes :	531120
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R

Map Id: E34
Direction: ENE
Distance: 0.219 mi.
Actual: 1153.750 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI SHOPPING CENTER
47 WEST KAAHUMANU AVENUE
KAHULUI, HI 96732

Database(s) : [ECHO, RCRA_SQG] ***(cont.)***

Envirosite ID: 414975486
EPA ID: HIR000145318

ECHO ***(cont.)***

AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	20.55241
Longitude :	-156.612422
Last Date in Agency List :	12/17/2018

RCRA_SQG

Facility Name :	KAHULUI SHOPPING CENTER
Facility Address :	47 WEST KAAHUMANU AVENUE, KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	08/23/2018
EPA ID :	HIR000145318
Mailing Address :	PO BOX 266, PUUNENE, HI 96784
Contact :	SEAN M O'KEEFE
Contact Address :	PO BOX 266, PUUNENE, HI 96784
Contact Country :	US
Contact Telephone :	808-877-2959
Contact Email :	SOKEEFE@ABHI.COM
EPA Region :	09
Land Type :	Private
Source Type :	Notification
Classification :	Small Quantity Generator
Description :	Handlers that generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.
Last Date in Agency List :	12/21/2018

Owner/Operator Summary

Owner/Operator Name :	A&B PROPERTIES HAWAII LLC SERIES R
Owner/Operator Address :	822 BISHOP STREET, HONOLULU, HI 96813
Owner/Operator Country :	US
Owner/Operator Telephone :	808-877-2959
Owner/Operator Email :	SOKEEFE@ABHI.COM
Owner/Operator Fax :	808-871-7663
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	20170232
Owner/Operator End Date :	N/R

Map Id: E34
Direction: ENE
Distance: 0.219 mi.
Actual: 1153.750 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI SHOPPING CENTER
47 WEST KAAHUMANU AVENUE
KAHULUI, HI 96732

Database(s) : [ECHO, RCRA_SQG] ***(cont.)***

Envirosite ID: 414975486
EPA ID: HIR000145318

RCRA_SQG ***(cont.)***

Owner/Operator Name :	KAHULUI TOWN CENTER MASTER CONDO
Owner/Operator Address :	822 BISHOP STREET, HONOLULU, HI 96813
Owner/Operator Country :	US
Owner/Operator Telephone :	808-877-2959
Owner/Operator Email :	SOKEEFE@ABHI.COM
Owner/Operator Fax :	808-871-7663
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	04/12/2008
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Hazardous Waste Summary

Waste Code / Name :	D001 - IGNITABLE WASTE D004 - ARSENIC D008 - LEAD

Notices of Violations Summary

Regulation Violated :	N

Map Id: F35
Direction: W
Distance: 0.222 mi.
Actual: 1173.233 ft.
Elevation: 0.003 mi. / 16.453 ft.
Relative: Higher

Site Name : SEARS ROEBUCK & CO
275 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 11178815
EPA ID: N/R

LUST - HI

Facility Name :	SEARS ROEBUCK & CO

Map Id: F35
Direction: W
Distance: 0.222 mi.
Actual: 1173.233 ft.
Elevation: 0.003 mi. / 16.453 ft.
Relative: Higher

Site Name : SEARS ROEBUCK & CO
275 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11178815
EPA ID: N/R

LUST - HI ***(cont.)***

Facility Address : 275 KAAHUMANU AVE, Kahului, HI 96732

Site Details
LUST Latest Status Date : 06/16/1998
LUST Latest Status : Site Cleanup Completed (NFA)
Facility ID : 9-501848
Event ID : 940042
Project Officer : Jose Ruiz
Last Date in Agency List : 01/10/2018

UST - HI

Facility Name : SEARS ROEBUCK & CO
Facility Address : 275 KAAHUMANU AVE, Kahului, HI 96732

Site Details
Facility ID : 9-501848
Formal Name : SEARS ROEBUCK & COMPANY
Address : Kahului, HI 96732
Latitude Measure : 20.888443
Longitude Measure : -156.472843
Horizontal Collection Method Name : Address Matching
Horizontal Reference Datum Name : NAD83
Last Date in Agency List : 01/10/2019

Tank Details
Installed Date : 05/06/1972
Date Closed : 11/01/1993
Tank ID : R-1
Tank Status : Permanently Out of Use
Tank Capacity : 500
Product : Used Oil

Map Id: F36
Direction: W
Distance: 0.222 mi.
Actual: 1173.233 ft.
Elevation: 0.003 mi. / 16.453 ft.
Relative: Higher

Site Name : SEARS AUTO CENTER
275 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI]

Envirosite ID: 319997423
EPA ID: N/R

SHWS - HI

Facility Name : Sears Auto Center
Facility Address : 275 Kaahumanu Ave, Kahului, HI 96732
County : Maui

Map Id: F36
Direction: W
Distance: 0.222 mi.
Actual: 1173.233 ft.
Elevation: 0.003 mi. / 16.453 ft.
Relative: Higher

Site Name : SEARS AUTO CENTER
275 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI] ***(cont.)***

Envirosite ID: 319997423
EPA ID: N/R

SHWS - HI ***(cont.)***

Site Details

SDAR Environmental Interest Name :	Sears Auto Center PCB Contamination
Supplemental Location Text :	#1000
HID Number :	N/R
Facility Registry Identifier :	110006399879
Program Full Name :	State
Potential Hazard and Controls :	Hazard Undetermined
Assessment :	Assessment Ongoing
Priority :	Low
Nature of Contamination :	N/R
Nature of Residual Contamination :	N/R
Response :	N/R
Response Action Completed :	N/R
Lead Agency :	HEER
Use Restrictions :	Undetermined
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	N/R
Document Date :	N/R
Document Number :	N/R
Document Subject :	N/R
Site Closure Document :	N/R
Project Manager :	Unassigned
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237002020
Description of Portion :	Plotted in ArcGIS and compared to mautmk basemap - no load date. Plotted in Road, unable to match datbase site address to TMK address. Chose likely adjacent TMK.

Map Id: F37
Direction: W
Distance: 0.222 mi.
Actual: 1173.233 ft.
Elevation: 0.003 mi. / 16.453 ft.
Relative: Higher

Site Name : SEARS ROEBUCK AND COMPANY
275 KAAHUMANU AVE STE 1000
KAHULUI, HI 96732

Database(s) : [RCRA_CESQG]

Envirosite ID: 414263820
EPA ID: HID981637994

RCRA_CESQG

Facility Name :	SEARS ROEBUCK AND COMPANY
Facility Address :	275 KAAHUMANU AVE STE 1000, KAHULUI, HI 96732
County :	MAUI

Map Id: F37
Direction: W
Distance: 0.222 mi.
Actual: 1173.233 ft.
Elevation: 0.003 mi. / 16.453 ft.
Relative: Higher

Site Name : SEARS ROEBUCK AND COMPANY
275 KAAHUMANU AVE STE 1000
KAHULUI, HI 96732

Database(s) : [RCRA_CESQG] ***(cont.)***

Envirosite ID: 414263820
EPA ID: HID981637994

RCRA_CESQG ***(cont.)***

Date Form Received by Agency :	09/26/1993
EPA ID :	HID981637994
Mailing Address :	275 KAAHUMANU AVE STE 1000, KAHULUI, HI 96732
Contact :	RICHARD INAMASU
Contact Address :	275 KAAHUMANU AVE STE 1000, KAHULUI, HI 96732
Contact Country :	US
Contact Telephone :	808-877-2290
Contact Email :	N/R
EPA Region :	09
Land Type :	Other land type
Source Type :	Notification
Classification :	Conditionally Exempt Small Quantity Generator

Description :

Handlers that generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate 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 generate 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 accumulate 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 :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	SEARS ROEBUCK AND CO
Owner/Operator Address :	NOT REQUIRED, NOT REQUIRED, ME 99999
Owner/Operator Country :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N

Map Id: F37
Direction: W
Distance: 0.222 mi.
Actual: 1173.233 ft.
Elevation: 0.003 mi. / 16.453 ft.
Relative: Higher

Site Name : SEARS ROEBUCK AND COMPANY
275 KAAHUMANU AVE STE 1000
KAHULUI, HI 96732

Database(s) : [RCRA_CESQG] ***(cont.)***

Envirosite ID: 414263820
EPA ID: HID981637994

RCRA_CESQG ***(cont.)***

Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Notices of Violations Summary

Regulation Violated :	N

Map Id: F38
Direction: W
Distance: 0.222 mi.
Actual: 1173.233 ft.
Elevation: 0.003 mi. / 16.453 ft.
Relative: Higher

Site Name : MACYS WEST KAAHUMANU
275 KAAHUMANU AVE STE 1100
KAHULUI, HI 96732

Database(s) : [FRS, RCRA_CESQG]

Envirosite ID: 414267077
EPA ID: HIR000113506

FRS

Facility Name :	MACYS WEST KAAHUMANU
Facility Address :	275 KAAHUMANU AVE STE 1100, KAHULUI, HI 96732
County :	MAUI
Registry ID :	110012219722
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	03/25/2014

Source Description :

RCRAInfo is EPA's comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

Map Id: F38
Direction: W
Distance: 0.222 mi.
Actual: 1173.233 ft.
Elevation: 0.003 mi. / 16.453 ft.
Relative: Higher

Site Name : MACYS WEST KAAHUMANU
275 KAAHUMANU AVE STE 1100
KAHULUI, HI 96732

Database(s) : [FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414267077
EPA ID: HIR000113506

FRS ***(cont.)***

FRS Environmental Interest

Source and System ID :	RCRAINFO - HIR000113506

RCRA_CESQG

Facility Name :	MACYS WEST KAAHUMANU
Facility Address :	275 KAAHUMANU AVE STE 1100, KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	20020373
EPA ID :	HIR000113506
Mailing Address :	1585 KAPIOLANI BLVD 13 FL BOX, HONOLULU, HI 96814
Contact :	ERIC BRIENZO
Contact Address :	1585 KAPIOLANI BLVD 13 FL BOX, HONOLULU, HI 96814
Contact Country :	US
Contact Telephone :	808-945-5913
Contact Email :	N/R
EPA Region :	09
Land Type :	Private
Source Type :	Notification
Classification :	Conditionally Exempt Small Quantity Generator

Description :

Handlers that generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate 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 generate 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 accumulate 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 :	MACYS WEST
Owner/Operator Address :	1585 KAPIOLANI BLVD 13 FL BOX, HONOLULU, HI 96814
Owner/Operator Country :	N/R
Owner/Operator Telephone :	808-945-5913
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N

Map Id: F38
Direction: W
Distance: 0.222 mi.
Actual: 1173.233 ft.
Elevation: 0.003 mi. / 16.453 ft.
Relative: Higher

Site Name : MACYS WEST KAAHUMANU
275 KAAHUMANU AVE STE 1100
KAHULUI, HI 96732

Database(s) : [FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414267077
EPA ID: HIR000113506

RCRA_CESQG ***(cont.)***

Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Hazardous Waste Summary
Waste Code / Name : D001 - IGNITABLE WASTE
F002 - 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Notices of Violations Summary
Regulation Violated : N

Map Id: E39
Direction: NE
Distance: 0.223 mi.
Actual: 1177.674 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : O'REILLY AUTO PARTS STORE 3494
24 KAAHUMANU AVENUE STE 1
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_CESQG]

Envirosite ID: 414267307
EPA ID: HIR000141986

ECHO

Facility Name :	O'REILLY AUTO PARTS STORE 3494
Facility Address :	24 KAAHUMANU AVENUE STE 1, KAHULUI, HI 96732
County :	MAUI

Site Details

Last Inspection Date :	N/R
Registry ID :	110059667061
FIPS Code :	15009
EPA Region :	09

Map Id: E39
Direction: NE
Distance: 0.223 mi.
Actual: 1177.674 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : O'REILLY AUTO PARTS STORE 3494
24 KAAHUMANU AVENUE STE 1
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414267307
EPA ID: HIR000141986

ECHO ***(cont.)***

Inspection Count :	0
Last Inspection Days :	N/R
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters :	50
Derived Tribes :	N/R
Derived HUC :	20020000
Derived WBD :	200200000103
Derived STCTY FIPS :	15009
Derived Zip :	96732
Derived CD113 :	02
Derived CB2010 :	150090319002005
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R
Facility NAICS Codes :	493110
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	N/R
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N

Map Id: E39
Direction: NE
Distance: 0.223 mi.
Actual: 1177.674 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : O'REILLY AUTO PARTS STORE 3494
24 KAAHUMANU AVENUE STE 1
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414267307
EPA ID: HIR000141986

ECHO ***(cont.)***

Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	20.891074
Longitude :	-156.468086
Last Date in Agency List :	12/17/2018

FRS

Facility Name :	O'REILLY AUTO PARTS STORE 3494
Facility Address :	24 KAAHUMANU AVENUE STE 1, KAHULUI, HI 96732-1618
County :	MAUI
Registry ID :	110059667061
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

RCRAInfo is EPA’s comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

Source Description :

The Environmental Health Warehouse (EHW) contains the Hawaii Department of Health - Environmental Health Administration's (HDOH-EHA) environmental data. The web-based application allows EHA to inquire about sites in Hawaii that are regulated by the administration due to activities that affect the environment, regardless of the regulation or program that directly monitors those activities. The system allows users a consolidated view of sites without disrupting the underlying source systems or the staff involved as they process their day-to-day workload. The EHW offers geo-spatial and tabular inquiry, mapping, reconciliation/data consolidation, and GIS services.

FRS Environmental Interest

Source and System ID :	HI-EHW - 14725 RCRAINFO - HIR000141986

Map Id: E39
Direction: NE
Distance: 0.223 mi.
Actual: 1177.674 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : O'REILLY AUTO PARTS STORE 3494
24 KAAHUMANU AVENUE STE 1
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414267307
EPA ID: HIR000141986

RCRA_CESQG

Facility Name :	O'REILLY AUTO PARTS STORE 3494
Facility Address :	24 KAAHUMANU AVENUE STE 1, KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	20140370
EPA ID :	HIR000141986
Mailing Address :	233 S. PATTERSON AVE., SPRINFIELD, MO 65802
Contact :	JOHN E BOUNDS
Contact Address :	233 S. PATTERSON AVE., SPRINGFIELD, MO 65802
Contact Country :	US
Contact Telephone :	417-520-4589
Contact Email :	JBOUNDS2@OREILLYAUTO.COM
EPA Region :	09
Land Type :	Private
Source Type :	Notification
Classification :	Conditionally Exempt Small Quantity Generator

Description :

Handlers that generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate 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 generate 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 accumulate 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 :	O'REILLY AUTO ENTERPRISES, LLC
Owner/Operator Address :	233 S. PATTERSON AVE., SPRINGFIELD, MO 65802
Owner/Operator Country :	US
Owner/Operator Telephone :	417-520-4589
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	01/01/2014
Owner/Operator End Date :	N/R

Owner/Operator Name :	O'REILLY AUTO ENTERPRISES, LLC
Owner/Operator Address :	233 S. PATTERSON AVE., SPRINGFIELD, MO 65802
Owner/Operator Country :	US
Owner/Operator Telephone :	417-520-4589
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	01/01/2014
Owner/Operator End Date :	N/R

Map Id: E39
Direction: NE
Distance: 0.223 mi.
Actual: 1177.674 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : O'REILLY AUTO PARTS STORE 3494
24 KAAHUMANU AVENUE STE 1
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414267307
EPA ID: HIR000141986

RCRA_CESQG ***(cont.)***

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Hazardous Waste Summary

Waste Code / Name :

D001 - IGNITABLE WASTE
D035 - METHYL ETHYL KETONE
F002 - 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
F003 - THE FOLLOWING SPENT NONHALOGENATED 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 NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED 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.
F005 - THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map Id: E39
Direction: NE
Distance: 0.223 mi.
Actual: 1177.674 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : O'REILLY AUTO PARTS STORE 3494
24 KAAHUMANU AVENUE STE 1
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, RCRA_CESQG] ***(cont.)***

Envirosite ID: 414267307
EPA ID: HIR000141986

RCRA_CESQG ***(cont.)***

Notices of Violations Summary
Regulation Violated : N

Map Id: H40
Direction: NE
Distance: 0.290 mi.
Actual: 1531.215 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : MAUI MEAT COMPANY FACILITY
(FORMER), UST CLOSURE
601 2ND ST
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI]

Envirosite ID: 330386759
EPA ID: N/R

SHWS - HI

Facility Name : Maui Meat Company Facility (Former), UST Closure
Facility Address : 601 2nd St, 2nd St and Wharf St, Kahului, HI 96732
County : Maui

Site Details
SDAR Environmental Interest Name : Maui Meat Facility-Former
Supplemental Location Text : N/R
HID Number : N/R
Facility Registry Identifier : 110013767245
Program Full Name : State
Potential Hazard and Controls : Hazard Undetermined
Assessment : Response Not Necessary
Priority : NFA
Nature of Contamination : N/R
Nature of Residual Contamination : N/R
Response : N/R
Response Action Completed : 12/11/1998
Lead Agency : HEER
Use Restrictions : Undetermined
Description of Restrictions : N/R
Engineering Control : N/R
Institutional Control : N/R
Date Issued : N/R
Within Designated Areawide Contamination: N/R
Document Date : 12/11/1998
Document Number : N/R
Document Subject : N/R
Site Closure Document : No Further Action - Type Undetermined
Project Manager : Unassigned
Contact Information : (808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List : 11/29/2018

Map Id: H40
Direction: NE
Distance: 0.290 mi.
Actual: 1531.215 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : MAUI MEAT COMPANY FACILITY (FORMER), UST CLOSURE
601 2ND ST
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 330386759
EPA ID: N/R

SHWS - HI ***(cont.)***

Tax Map Key Information

Tax Map Key :	237008002
Description of Portion :	N/R

SPILLS - HI

Facility Name :	Maui Meat Company Facility (Former), UST Closure
Facility Address :	601 2nd St, 2nd St and Wharf St, Kahului, 96732
Case Number :	19950110
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013767245
Activity Type :	Response
Activity Lead :	Greg Olmsted
Activity Result :	Refer to ISST
Substances :	Diesel Fuel
Quantity :	N/R
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Alexander & Baldwin, Inc.
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	Maui Meat Company, Inc. UST
Was coordination needed on or off scene?:	N/R
Tax Map Key :	237008002

Map Id: 41
Direction: ENE
Distance: 0.290 mi.
Actual: 1532.336 ft.
Elevation: 0.001 mi. / 6.565 ft.
Relative: Lower

Site Name : SUGAR MILL AUTO CARE CENTER
1130 PUUNENE AVE
PUUNENE, HI 96784

Database(s) : [HIST LUST - HI, UST - HI]

Envirosite ID: 11687931
EPA ID: N/R

HIST LUST - HI

Facility Name :	SUGAR MILL AUTO CARE CENTER
Facility Address :	1130 PUUNENE AVE, Puunene, HI 96784
Installed Date :	03/29/1969
Facility ID :	9-501906
Tank ID :	R-3
Tank Status Description :	Permanently Out of Use
Tank Capacity :	1500
Substance Description :	Used Oil

Map Id: 41
Direction: ENE
Distance: 0.290 mi.
Actual: 1532.336 ft.
Elevation: 0.001 mi. / 6.565 ft.
Relative: Lower

Site Name : SUGAR MILL AUTO CARE CENTER
1130 PUUNENE AVE
PUUNENE, HI 96784

Database(s) : [HIST LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11687931
EPA ID: N/R

HIST LUST - HI ***(cont.)***

Date Closed :	10/31/1991
Organization Name :	A & B PROPERTIES, INC.
Organization Address :	1130 PUUNENE AVE, Puunene, HI 96784
Last Date in Agency list :	03/04/2014

Installed Date :	05/06/1966
Facility ID :	9-501906
Tank ID :	R-1
Tank Status Description :	Permanently Out of Use
Tank Capacity :	1500
Substance Description :	Diesel
Date Closed :	10/31/1991
Organization Name :	A & B PROPERTIES, INC.
Organization Address :	1130 PUUNENE AVE, Puunene, HI 96784
Last Date in Agency list :	03/04/2014

Installed Date :	05/06/1966
Facility ID :	9-501906
Tank ID :	R-2
Tank Status Description :	Permanently Out of Use
Tank Capacity :	1500
Substance Description :	Diesel
Date Closed :	10/31/1991
Organization Name :	A & B PROPERTIES, INC.
Organization Address :	1130 PUUNENE AVE, Puunene, HI 96784
Last Date in Agency list :	03/04/2014

Installed Date :	05/29/1966
Facility ID :	9-501906
Tank ID :	R-4
Tank Status Description :	Permanently Out of Use
Tank Capacity :	6000
Substance Description :	Gasoline
Date Closed :	10/31/1991
Organization Name :	A & B PROPERTIES, INC.
Organization Address :	1130 PUUNENE AVE, Puunene, HI 96784
Last Date in Agency list :	03/04/2014

Installed Date :	05/30/1966
Facility ID :	9-501906
Tank ID :	R-5
Tank Status Description :	Permanently Out of Use
Tank Capacity :	6000
Substance Description :	Gasoline
Date Closed :	10/31/1991
Organization Name :	A & B PROPERTIES, INC.
Organization Address :	1130 PUUNENE AVE, Puunene, HI 96784
Last Date in Agency list :	03/04/2014

UST - HI

Facility Name :	SUGAR MILL AUTO CARE CENTER
Facility Address :	1130 PUUNENE AVE, Puunene, HI 96784

Map Id: 41
Direction: ENE
Distance: 0.290 mi.
Actual: 1532.336 ft.
Elevation: 0.001 mi. / 6.565 ft.
Relative: Lower

Site Name : SUGAR MILL AUTO CARE CENTER
1130 PUUNENE AVE
PUUNENE, HI 96784

Database(s) : [HIST LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11687931
EPA ID: N/R

UST - HI ***(cont.)***

Site Details

Facility ID :	9-501906
Formal Name :	A & B PROPERTIES, INC.
Address :	Puunene, HI 96784
Latitude Measure :	20.868186
Longitude Measure :	-156.456636
Horizontal Collection Method Name :	Map
Horizontal Reference Datum Name :	NAD83
Last Date in Agency List :	01/10/2019

Tank Details

Installed Date :	03/29/1969
Date Closed :	10/31/1991
Tank ID :	R-3
Tank Status :	Permanently Out of Use
Tank Capacity :	1500
Product :	Used Oil

Installed Date :	05/30/1966
Date Closed :	10/31/1991
Tank ID :	R-5
Tank Status :	Permanently Out of Use
Tank Capacity :	6000
Product :	Gasoline

Installed Date :	05/29/1966
Date Closed :	10/31/1991
Tank ID :	R-4
Tank Status :	Permanently Out of Use
Tank Capacity :	6000
Product :	Gasoline

Installed Date :	05/06/1966
Date Closed :	10/31/1991
Tank ID :	R-1
Tank Status :	Permanently Out of Use
Tank Capacity :	1500
Product :	Diesel

Installed Date :	05/06/1966
Date Closed :	10/31/1991
Tank ID :	R-2
Tank Status :	Permanently Out of Use
Tank Capacity :	1500
Product :	Diesel

Map Id: H42
Direction: NE
Distance: 0.296 mi.
Actual: 1564.451 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : CHEVRON STATION 94682
101 PUUNENE AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 11178775
EPA ID: N/R

LUST - HI

Facility Name : CHEVRON STATION 94682
Facility Address : 101 PUUNENE AVE, Kahului, HI 96732

Site Details
LUST Latest Status Date : 06/10/2004
LUST Latest Status : Site Cleanup Completed (NFA)
Facility ID : 9-501126
Event ID : 970125
Project Officer : Shunsheng Fu
Last Date in Agency List : 01/10/2018

UST - HI

Facility Name : CHEVRON STATION 94682
Facility Address : 101 PUUNENE AVE, Kahului, HI 96732

Site Details
Facility ID : 9-501126
Formal Name : CHEVRON PRODUCTS COMPANY
Address : 91-480 MALAKOLE ST., Kahului, HI 96732
Latitude Measure : 20.888863
Longitude Measure : -156.465983
Horizontal Collection Method Name : GPS
Horizontal Reference Datum Name : NAD83
Last Date in Agency List : 01/10/2019

Tank Details
Installed Date : 07/19/1983
Date Closed : 07/30/1997
Tank ID : R-4
Tank Status : Permanently Out of Use
Tank Capacity : 1000
Product : Used Oil

Installed Date : 06/01/1983
Date Closed : 06/04/2001
Tank ID : R-1
Tank Status : Permanently Out of Use
Tank Capacity : 10000
Product : Gasoline

Installed Date : 06/01/1983
Date Closed : 06/04/2001
Tank ID : R-2
Tank Status : Permanently Out of Use
Tank Capacity : 10000
Product : Gasoline

Map Id: H42
Direction: NE
Distance: 0.296 mi.
Actual: 1564.451 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : CHEVRON STATION 94682
101 PUUNENE AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11178775
EPA ID: N/R

UST - HI ***(cont.)***

Installed Date :	06/01/1983
Date Closed :	06/04/2001
Tank ID :	R-3
Tank Status :	Permanently Out of Use
Tank Capacity :	10000
Product :	Gasoline

Map Id: H43
Direction: NE
Distance: 0.299 mi.
Actual: 1579.399 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : TESORO #61071
243 PUUNENE AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 31489754
EPA ID: N/R

LUST - HI

Facility Name :	TESORO #61071
Facility Address :	243 PUUNENE AVE, Kahului, HI 96732

Site Details

LUST Latest Status Date :	01/05/2018
LUST Latest Status :	Confirmed Release
Facility ID :	9-502743
Event ID :	180009
Project Officer :	Richard Takaba
Last Date in Agency List :	01/10/2018

LUST Latest Status Date :	02/03/2015
LUST Latest Status :	Site Cleanup Completed with EHE/EHMP
Facility ID :	9-502743
Event ID :	120005
Project Officer :	Richard Takaba
Last Date in Agency List :	01/10/2018

UST - HI

Facility Name :	TESORO #61071
Facility Address :	243 PUUNENE AVE, Kahului, HI 96732

Site Details

Facility ID :	9-502743
Formal Name :	HIE Retail LLC
Address :	1132 Bishop St., Ste 2500, Kahului, HI 96732
Latitude Measure :	20.885361
Longitude Measure :	-156.464178
Horizontal Collection Method Name :	GPS
Horizontal Reference Datum Name :	NAD83

Map Id: H43
Direction: NE
Distance: 0.299 mi.
Actual: 1579.399 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : TESORO #61071
243 PUUNENE AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 31489754
EPA ID: N/R

UST - HI ***(cont.)***

Last Date in Agency List : 01/10/2019

Tank Details

Installed Date : 02/01/1992
Date Closed : N/R
Tank ID : 1
Tank Status : Currently In Use
Tank Capacity : 10000
Product : Gasohol

Installed Date : 02/01/1992
Date Closed : N/R
Tank ID : 2
Tank Status : Currently In Use
Tank Capacity : 10000
Product : Gasohol

Installed Date : 02/01/1992
Date Closed : N/R
Tank ID : 3
Tank Status : Temporarily out of Use
Tank Capacity : 10000
Product : Gasohol

Installed Date : 02/01/1992
Date Closed : N/R
Tank ID : 4
Tank Status : Currently In Use
Tank Capacity : 10000
Product : Diesel

Map Id: I44
Direction: E
Distance: 0.310 mi.
Actual: 1636.974 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : ALOHA SHELL
110 S PUUNENE ST
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 11178771
EPA ID: N/R

LUST - HI

Facility Name : ALOHA SHELL
Facility Address : 110 S PUUNENE ST, Kahului, HI 96732

Map Id: I44
Direction: E
Distance: 0.310 mi.
Actual: 1636.974 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : ALOHA SHELL
110 S PUUNENE ST
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11178771
EPA ID: N/R

LUST - HI ***(cont.)***

Site Details

LUST Latest Status Date :	11/30/2012
LUST Latest Status :	Site Cleanup Completed (NFA)
Facility ID :	9-501006
Event ID :	080014
Project Officer :	Shaobin Li
Last Date in Agency List :	01/10/2018

UST - HI

Facility Name :	ALOHA SHELL
Facility Address :	110 S PUUNENE ST, Kahului, HI 96732

Site Details

Facility ID :	9-501006
Formal Name :	ALOHA PETROLEUM, LTD.
Address :	1132 BISHOP STREET, SUITE 1700, Kahului, HI 96732
Latitude Measure :	20.88831
Longitude Measure :	-156.46635
Horizontal Collection Method Name :	GPS
Horizontal Reference Datum Name :	NAD83
Last Date in Agency List :	08/23/2018

Tank Details

Installed Date :	04/18/1988
Date Closed :	N/R
Tank ID :	5
Tank Status :	Currently in Use
Tank Capacity :	550
Product :	Used Oil

Installed Date :	04/18/1982
Date Closed :	N/R
Tank ID :	1
Tank Status :	Currently In Use
Tank Capacity :	12000
Product :	Gasohol

Installed Date :	04/18/1982
Date Closed :	N/R
Tank ID :	2
Tank Status :	Currently In Use
Tank Capacity :	12000
Product :	Gasohol

Installed Date :	04/18/1982
Date Closed :	N/R
Tank ID :	3
Tank Status :	Currently In Use
Tank Capacity :	12000

Map Id: I44
Direction: E
Distance: 0.310 mi.
Actual: 1636.974 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : ALOHA SHELL
110 S PUUNENE ST
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11178771
EPA ID: N/R

UST - HI ***(cont.)***

Product :	Diesel
Installed Date :	04/18/1957
Date Closed :	04/18/1988
Tank ID :	R-4
Tank Status :	Permanently Out of Use
Tank Capacity :	550
Product :	Used Oil

Map Id: J45
Direction: W
Distance: 0.330 mi.
Actual: 1742.493 ft.
Elevation: 0.006 mi. / 29.531 ft.
Relative: Higher

Site Name : MCC-AUTOMOTIVE TECHNOLOGY
BUILDING CONTAMINATION
310 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI]

Envirosite ID: 319997372
EPA ID: N/R

SHWS - HI

Facility Name :	MCC-Automotive Technology Building Contamination
Facility Address :	310 Kaahumanu Ave, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	MCC-Lead Contamination from Washing Operations
Supplemental Location Text :	Automotive Technology Building
HID Number :	N/R
Facility Registry Identifier :	110013767593
Program Full Name :	State
Potential Hazard and Controls :	Hazard Undetermined
Assessment :	Assessment Ongoing
Priority :	NFA
Nature of Contamination :	N/R
Nature of Residual Contamination :	N/R
Response :	N/R
Response Action Completed :	04/04/2003
Lead Agency :	HEER
Use Restrictions :	Undetermined
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	N/R
Document Date :	04/04/2003
Document Number :	N/R
Document Subject :	N/R
Site Closure Document :	No Further Action - Type Undetermined
Project Manager :	Richard Palmer

Map Id: J45
Direction: W
Distance: 0.330 mi.
Actual: 1742.493 ft.
Elevation: 0.006 mi. / 29.531 ft.
Relative: Higher

Site Name : MCC-AUTOMOTIVE TECHNOLOGY BUILDING CONTAMINATION
310 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997372
EPA ID: N/R

SHWS - HI ***(cont.)***

Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	N/R
Description of Portion :	N/R

SPILLS - HI

Facility Name :	MCC-Automotive Technology Building Contamination
Facility Address :	310 Kaahumanu Ave, Kahului, 96732
Case Number :	19990818-1019
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013767593
Activity Type :	Response
Activity Lead :	Liz Galvez
Activity Result :	Refer to ISST
Substances :	lead
Quantity :	N/R
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	State of Hawaii, University of Hawaii, Maui Community College
Location Island :	Maui
Supplemental Location :	Automotive Technology Building
EP&R Environmental Interest :	MCC-Automotive Technology Building Contamination
Was coordination needed on or off scene?:	No
Tax Map Key :	N/R

Map Id: J46
Direction: W
Distance: 0.330 mi.
Actual: 1742.493 ft.
Elevation: 0.006 mi. / 29.531 ft.
Relative: Higher

Site Name : MAUI COMMUNITY COLLEGE
310 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI]

Envirosite ID: 356178957
EPA ID: HID981975170

ECHO

Facility Name :	MAUI COMMUNITY COLLEGE
Facility Address :	310 KAAHUMANU AVE, KAHULUI, HI 96732
County :	MAUI

Map Id: J46
Direction: W
Distance: 0.330 mi.
Actual: 1742.493 ft.
Elevation: 0.006 mi. / 29.531 ft.
Relative: Higher

Site Name : MAUI COMMUNITY COLLEGE
310 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] ***(cont.)***

Envirosite ID: 356178957
EPA ID: HID981975170

ECHO ***(cont.)***

Site Details

Last Inspection Date :	08/27/2003
Registry ID :	110005725750
FIPS Code :	N/R
EPA Region :	09
Inspection Count :	0
Last Inspection Days :	5583
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	06/26/2001
Total Penalties :	0
Penalty Count :	N/R
Last Penalty Date :	06/26/2001
Last Penalty Amount :	10600
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	_____
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	ENTRANCE POINT OF A FACILITY OR STATION
Accuracy Meters :	50
Derived Tribes :	N/R
Derived HUC :	20020000
Derived WBD :	200200000103
Derived STCTY FIPS :	15009
Derived Zip :	96732
Derived CD113 :	02
Derived CB2010 :	150090319002007
MYRTK Universe :	NNN
NPDES IDs :	HIF002161 HIF005944
CWA Permit Types :	Minor
CWA Compliance Tracking :	Off
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	0
CWA Current Compliance Status :	No Violation
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	_____
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R
Facility NAICS Codes :	61121 61131
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	08/27/2003
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	06/26/2001

Map Id: J46
Direction: W
Distance: 0.330 mi.
Actual: 1742.493 ft.
Elevation: 0.006 mi. / 29.531 ft.
Relative: Higher

Site Name : MAUI COMMUNITY COLLEGE
310 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] ***(cont.)***

Envirosite ID: 356178957
EPA ID: HID981975170

ECHO ***(cont.)***

Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N
Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	Y
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	Y
NAA Flag :	N/R
Latitude :	20.893079
Longitude :	-156.462944
Last Date in Agency List :	12/17/2018

FRS

Facility Name :	MAUI COMMUNITY COLLEGE
Facility Address :	310 KAAHUMANU AVE, KAHULUI, HI 96732-1644
County :	MAUI
Registry ID :	110005725750
FRS Facility URL :	Click here for hyperlink provided by the agency.
Last Date in Agency List :	11/22/2018

Source Description :

RCRAInfo is EPA’s comprehensive information system that supports the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984 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. RCRAInfo also supports generation of the National Hazardous Waste Biennial Report. All generators and treatment, storage, and disposal facilities who handle hazardous waste are required to report to the EPA Administrator at least once every two years to support creation of the Biennial Report.

Source Description :

The Environmental Health Warehouse (EHW) contains the Hawaii Department of Health - Environmental Health Administration's (HDOH-EHA) environmental data. The web-based application allows EHA to inquire about sites in Hawaii that are regulated by the administration due to activities that affect the environment, regardless of the regulation or program that directly monitors those activities. The system allows users a consolidated view of sites without disrupting the underlying source systems or the staff involved as they process their day-to-day workload. The EHW offers geo-spatial and tabular inquiry, mapping, reconciliation/data consolidation, and GIS services.

Map Id: J46
Direction: W
Distance: 0.330 mi.
Actual: 1742.493 ft.
Elevation: 0.006 mi. / 29.531 ft.
Relative: Higher

Site Name : MAUI COMMUNITY COLLEGE
310 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] ***(cont.)***

Envirosite ID: 356178957
EPA ID: HID981975170

FRS ***(cont.)***

Source Description :

The 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.

FRS Environmental Interest

Source and System ID :	HI-EHW - 8193 ICIS - HIF002161 ICIS - HIF005944 RCRAINFO - HID981975170

HAZNET - CA

Facility Name :	MAUI COMMUNITY COLLEGE
Facility Address :	310 KAAHUMANU AVE, KAHULUI, HI 96732
County :	Unknown

Site Details

Year :	2003
Contact Name :	DAVID TAMANAHA
Facility Mailing Address :	310 KAAHUMANU AVE, KAHULUI, HI 96732
Contact Phone :	8089843253

Year :	2001
Contact Name :	DAVID TAMANAHA
Facility Mailing Address :	310 KAAHUMANU AVE, KAHULUI, HI 96732
Contact Phone :	8089843253

Waste Generator Summary 2003

Generator EPA ID :	HID981975170
Generator County :	Unknown
TSDF EPA ID :	CAD059494310
TSDF Disposal County :	Santa Clara
State Waste :	Laboratory waste chemicals
Disposal Method :	Transfer station
Tons :	0.0025

Generator EPA ID :	HID981975170
Generator County :	Unknown
TSDF EPA ID :	CAD059494310
TSDF Disposal County :	Santa Clara
State Waste :	Paint sludge
Disposal Method :	Transfer station
Tons :	0.1

Map Id: J46
Direction: W
Distance: 0.330 mi.
Actual: 1742.493 ft.
Elevation: 0.006 mi. / 29.531 ft.
Relative: Higher

Site Name : MAUI COMMUNITY COLLEGE
310 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] ***(cont.)***

Envirosite ID: 356178957
EPA ID: HID981975170

HAZNET - CA ***(cont.)***

Generator EPA ID :	HID981975170
Generator County :	Unknown
TSDF EPA ID :	CAD059494310
TSDF Disposal County :	Santa Clara
State Waste :	Unspecified solvent mixture
Disposal Method :	Disposal, other
Tons :	0.15

Waste Generator Summary 2001

Generator EPA ID :	HID981975170
Generator County :	Unknown
TSDF EPA ID :	CAT000646117
TSDF Disposal County :	Kings
State Waste :	Polychlorinated biphenyls and material containing PCBs
Disposal Method :	Disposal, landfill
Tons :	0.4959

Waste Generator Summary 2000

Generator EPA ID :	HID981975170
Generator County :	Unknown
TSDF EPA ID :	CAD088504881
TSDF Disposal County :	Orange
State Waste :	Blank or unknown
Disposal Method :	Transfer station
Tons :	0.01

LUST - HI

Facility Name :	MAUI COMMUNITY COLLEGE
Facility Address :	310 KAAHUMANU AVE, Kahului, HI 96732

Site Details

LUST Latest Status Date :	05/06/2005
LUST Latest Status :	Site Cleanup Completed (NFA)
Facility ID :	9-502687
Event ID :	990071
Project Officer :	Chad Pritchard
Last Date in Agency List :	01/10/2018

RCRA_CESQG

Facility Name :	MAUI COMMUNITY COLLEGE
Facility Address :	310 KAAHUMANU AVE, KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	05/14/2000
EPA ID :	HID981975170
Mailing Address :	310 KAAHUMANU AVE, KAHULUI, HI 96732
Contact :	DAVID TAMANAHA

Map Id: J46
Direction: W
Distance: 0.330 mi.
Actual: 1742.493 ft.
Elevation: 0.006 mi. / 29.531 ft.
Relative: Higher

Site Name : MAUI COMMUNITY COLLEGE
310 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] ***(cont.)***

Envirosite ID: 356178957
EPA ID: HID981975170

RCRA_CESQG ***(cont.)***

Contact Address :	310 KAAHUMANU AVE, KAHULUI, HI 96732
Contact Country :	US
Contact Telephone :	808-984-3253
Contact Email :	N/R
EPA Region :	09
Land Type :	State
Source Type :	Notification
Classification :	Conditionally Exempt Small Quantity Generator

Description :

Handlers that generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate 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 generate 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 accumulate 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 :	N/R
Owner/Operator Telephone :	415-555-1212
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	State
Owner/Operator Type :	Operator
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Owner/Operator Name :	UNIVERSITY OF HAWAII
Owner/Operator Address :	2040 EAST WEST ROAD, HONOLULU, HI 96822
Owner/Operator Country :	N/R
Owner/Operator Telephone :	808-956-3198
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	State
Owner/Operator Type :	Owner
Owner/Operator Start Date :	N/R
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N

Map Id: J46
Direction: W
Distance: 0.330 mi.
Actual: 1742.493 ft.
Elevation: 0.006 mi. / 29.531 ft.
Relative: Higher

Site Name : MAUI COMMUNITY COLLEGE
310 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] ***(cont.)***

Envirosite ID: 356178957
EPA ID: HID981975170

RCRA_CESQG ***(cont.)***

On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Hazardous Waste Summary

Waste Code / Name :

D000 - DESCRIPTION
D001 - IGNITABLE WASTE
D002 - CORROSIVE WASTE
D003 - REACTIVE WASTE
P012 - ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
P098 - POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)
P106 - SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)
U012 - ANILINE (I,T) (OR) BENZENAMINE (I,T)
U019 - BENZENE (I,T)
U044 - CHLOROFORM (OR) METHANE, TRICHLORO-
U170 - P-NITROPHENOL (I,T) (OR) PHENOL, 4-NITRO-
U201 - 1,3-BENZENEDIOL (OR) RESORCINOL
U211 - CARBON TETRACHLORIDE (OR) METHANE, TETRACHLORO-
U223 - BENZENE, 1,3-DIISOCYANATOMETHYL- (R,T) (OR) TOLUENE DIISOCYANATE (R,T)
U239 - BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Notices of Violations Summary

Date of Violation :	10/29/1998
Date Achieved Compliance :	06/17/2001
Regulation Violated :	Y
Area of Violation :	Generators - General
Enforcement Action :	N/R
Enforcement Action Date :	N/R
Enf. Disposition Status :	N/R
Enf. Disp. Status Date :	N/R
Violation Lead Agency :	State
Enforcement Lead Agency :	N/R
Proposed Penalty Amount :	N/R
Final Penalty Amount :	N/R
Paid Penalty Amount :	N/R

Date of Violation :	10/29/1998
Date Achieved Compliance :	06/17/2001
Regulation Violated :	Y
Area of Violation :	TSD - General
Enforcement Action :	N/R
Enforcement Action Date :	N/R
Enf. Disposition Status :	N/R
Enf. Disp. Status Date :	N/R

Map Id: J46
Direction: W
Distance: 0.330 mi.
Actual: 1742.493 ft.
Elevation: 0.006 mi. / 29.531 ft.
Relative: Higher

Site Name : MAUI COMMUNITY COLLEGE
310 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] ***(cont.)***

Envirosite ID: 356178957
EPA ID: HID981975170

RCRA_CESQG ***(cont.)***

Violation Lead Agency :	State
Enforcement Lead Agency :	N/R
Proposed Penalty Amount :	N/R
Final Penalty Amount :	N/R
Paid Penalty Amount :	N/R

Evaluation Action Summary

Evaluation Date :	08/23/2003
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	06/17/2001
Evaluation :	NOT A SIGNIFICANT NON-COMPLIER
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	01/18/2000
Evaluation :	SIGNIFICANT NON-COMPLIER
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	10/29/1998
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	Generators - General
Date Achieved Compliance :	06/17/2001
Evaluation Lead Agency :	State

Evaluation Date :	10/29/1998
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	TSD - General
Date Achieved Compliance :	06/17/2001
Evaluation Lead Agency :	State

Evaluation Date :	05/13/1992
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

UST - HI

Facility Name :	MAUI COMMUNITY COLLEGE
Facility Address :	310 KAAHUMANU AVE, Kahului, HI 96732

Map Id: J46
Direction: W
Distance: 0.330 mi.
Actual: 1742.493 ft.
Elevation: 0.006 mi. / 29.531 ft.
Relative: Higher

Site Name : MAUI COMMUNITY COLLEGE
310 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s) : [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] ***(cont.)***

Envirosite ID: 356178957
EPA ID: HID981975170

UST - HI ***(cont.)***

Site Details

Facility ID :	9-502687
Formal Name :	STATE U.H. - MAUI COMMUNITY COLLEGE
Address :	310 KAAHUMANU AVE, Kahului, HI 96732
Latitude Measure :	20.889787
Longitude Measure :	-156.47715
Horizontal Collection Method Name :	GPS
Horizontal Reference Datum Name :	NAD83
Last Date in Agency List :	01/10/2019

Tank Details

Installed Date :	06/30/1980
Date Closed :	11/19/1998
Tank ID :	R-1
Tank Status :	Permanently Out of Use
Tank Capacity :	300
Product :	Used Oil

Installed Date :	N/R
Date Closed :	06/09/1998
Tank ID :	R-2
Tank Status :	Permanently Out of Use
Tank Capacity :	750
Product :	Gasoline

Map Id: 47
Direction: SW
Distance: 0.332 mi.
Actual: 1754.844 ft.
Elevation: 0.006 mi. / 30.446 ft.
Relative: Higher

Site Name : LOT F3 SOUTH WAKEA AVENUE
231 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [I C - HI, SHWS - HI]

Envirosite ID: 11230063
EPA ID: N/R

I C - HI

Facility Name :	Lot F3 South Wakea Avenue
Facility Address :	231 S Wakea Ave, Kahului, HI 96732
County :	Maui
SDAR Environmental Interest Name :	Lot F3 South Wakea Avenue
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	N/R
Program Full Name :	State
Potential Hazard and Controls :	Hazard Managed With Controls
Assessment :	Response Necessary
Priority :	NFA
Nature of Contamination :	N/R

Map Id: 47
Direction: SW
Distance: 0.332 mi.
Actual: 1754.844 ft.
Elevation: 0.006 mi. / 30.446 ft.
Relative: Higher

Site Name : LOT F3 SOUTH WAKEA AVENUE
231 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [I C - HI, SHWS - HI] ***(cont.)***

Envirosite ID: 11230063
EPA ID: N/R

I C - HI ***(cont.)***

Nature of Residual Contamination :	PCBs, metals and petroleum hydrocarbons.
Response :	Response Complete
Response Action Completed :	04/10/2012
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination
Description of Restrictions :	N/R
Engineering Control :	Engineering Control Required
Institutional Control :	Government - Hawaii Dept. of Health Letter Issued
Date Issued :	02/28/2011
Within Designated Areawide Contamination:	N/R
Document Date :	04/10/2012
Document Number :	2012-230-JP
Document Subject :	No Further Action with Engineering Institutional Control Determination for Lot F3, 231 South Wakea Ave, Kahului, Maui, TMK 2-3-7-002-029
Site Closure Document :	No Further Action Letter - Restricted Use
Project Manager :	John Peard
Contact Information :	(808) 933-9921, Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237002029
Description of Portion :	N/R

SHWS - HI

Facility Name :	Lot F3 South Wakea Avenue
Facility Address :	231 S Wakea Ave, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Lot F3 South Wakea Avenue
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	N/R
Program Full Name :	State
Potential Hazard and Controls :	Hazard Managed With Controls
Assessment :	Response Necessary
Priority :	NFA
Nature of Contamination :	N/R
Nature of Residual Contamination :	PCBs, metals and petroleum hydrocarbons.
Response :	Response Complete
Response Action Completed :	04/10/2012
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination
Description of Restrictions :	N/R
Engineering Control :	Engineering Control Required
Institutional Control :	Government - Hawaii Dept. of Health Letter Issued

Map Id: 47
Direction: SW
Distance: 0.332 mi.
Actual: 1754.844 ft.
Elevation: 0.006 mi. / 30.446 ft.
Relative: Higher

Site Name : LOT F3 SOUTH WAKEA AVENUE
231 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [I C - HI, SHWS - HI] ***(cont.)***

Envirosite ID: 11230063
EPA ID: N/R

SHWS - HI ***(cont.)***

Date Issued :	02/28/2011
Within Designated Areawide Contamination:	N/R
Document Date :	04/10/2012
Document Number :	2012-230-JP
Document Subject :	No Further Action with Engineering Institutional Control Determination for Lot F3, 231 South Wakea Ave, Kahului, Maui, TMK 2-3-7-002-029
Site Closure Document :	No Further Action Letter - Restricted Use
Project Manager :	John Peard
Contact Information :	(808) 933-9921, Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237002029
Description of Portion :	N/R

Map Id: I48
Direction: E
Distance: 0.336 mi.
Actual: 1776.022 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : J'S SHELL STATION
147 S PUUNENE AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 11178750
EPA ID: N/R

LUST - HI

Facility Name :	J'S SHELL STATION
Facility Address :	147 S PUUNENE AVE, Kahului, HI 96732

Site Details

LUST Latest Status Date :	02/11/2011
LUST Latest Status :	Site Cleanup Completed (NFA)
Facility ID :	9-500422
Event ID :	060024
Project Officer :	Shunsheng Fu
Last Date in Agency List :	01/10/2018

LUST Latest Status Date :	02/11/2011
LUST Latest Status :	Site Cleanup Completed (NFA)
Facility ID :	9-500422
Event ID :	920014
Project Officer :	Shunsheng Fu
Last Date in Agency List :	01/10/2018

Map Id: I48
Direction: E
Distance: 0.336 mi.
Actual: 1776.022 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : J'S SHELL STATION
147 S PUUNENE AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11178750
EPA ID: N/R

UST - HI

Facility Name : J'S SHELL STATION
Facility Address : 147 S PUUNENE AVE, Kahului, HI 96732

Site Details

Facility ID : 9-500422
Formal Name : EQUILON ENTERPRISES, LLC DBA SHELL OIL PRODUCTS US
Address : 2555 13TH AVE, SW, Kahului, HI 96732
Latitude Measure : 20.887855
Longitude Measure : -156.46551
Horizontal Collection Method Name : GPS
Horizontal Reference Datum Name : NAD83
Last Date in Agency List : 01/10/2019

Tank Details

Installed Date : 12/30/1991
Date Closed : 04/01/2006
Tank ID : R-1
Tank Status : Permanently Out of Use
Tank Capacity : 550
Product : Used Oil

Installed Date : 12/30/1991
Date Closed : 04/01/2006
Tank ID : R-87
Tank Status : Permanently Out of Use
Tank Capacity : 10000
Product : Gasoline

Installed Date : 12/30/1991
Date Closed : 04/01/2006
Tank ID : R-89
Tank Status : Permanently Out of Use
Tank Capacity : 10000
Product : Gasoline

Installed Date : 12/30/1991
Date Closed : 04/01/2006
Tank ID : R-92
Tank Status : Permanently Out of Use
Tank Capacity : 10000
Product : Gasoline

Installed Date : 02/07/1975
Date Closed : 10/29/1991
Tank ID : R-4
Tank Status : Permanently Out of Use
Tank Capacity : 4000
Product : Gasoline

Map Id: I48
Direction: E
Distance: 0.336 mi.
Actual: 1776.022 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : J'S SHELL STATION
147 S PUUNENE AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11178750
EPA ID: N/R

UST - HI ***(cont.)***

Installed Date :	02/07/1964
Date Closed :	10/29/1991
Tank ID :	R-1
Tank Status :	Permanently Out of Use
Tank Capacity :	550
Product :	Used Oil

Installed Date :	02/07/1963
Date Closed :	10/29/1991
Tank ID :	R-2
Tank Status :	Permanently Out of Use
Tank Capacity :	4000
Product :	Gasoline

Installed Date :	02/07/1963
Date Closed :	10/29/1991
Tank ID :	R-3
Tank Status :	Permanently Out of Use
Tank Capacity :	4000
Product :	Gasoline

Map Id: K49
Direction: W
Distance: 0.382 mi.
Actual: 2017.904 ft.
Elevation: 0.007 mi. / 39.37 ft.
Relative: Higher

Site Name : WAKEA PAPA JOHN'S 76 (#301)
9 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 340339273
EPA ID: N/R

LUST - HI

Facility Name :	Wakea Papa John's 76 (#301)
Facility Address :	9 S WAKEA AVE, Kahului, HI 96732

Site Details

LUST Latest Status Date :	08/10/2018
LUST Latest Status :	Suspected release
Facility ID :	9-500007
Event ID :	suspected
Project Officer :	Nicole Okino
Last Date in Agency List :	01/10/2018

LUST Latest Status Date :	08/18/2011
LUST Latest Status :	Site Cleanup Completed with EHE/EHMP
Facility ID :	9-500007
Event ID :	950017
Project Officer :	Nicole Okino
Last Date in Agency List :	01/10/2018

Map Id: K49
Direction: W
Distance: 0.382 mi.
Actual: 2017.904 ft.
Elevation: 0.007 mi. / 39.37 ft.
Relative: Higher

Site Name : WAKEA PAPA JOHN'S 76 (#301)
9 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 340339273
EPA ID: N/R

UST - HI

Facility Name : Wakea Papa John's 76 (#301)
Facility Address : 9 S WAKEA AVE, Kahului, HI 96732

Site Details

Facility ID : 9-500007
Formal Name : HIE Retail LLC
Address : 1132 Bishop St., Ste 2500, Kahului, HI 96732
Latitude Measure : 20.888448
Longitude Measure : -156.47838
Horizontal Collection Method Name : GPS
Horizontal Reference Datum Name : NAD83
Last Date in Agency List : 01/10/2019

Facility ID : 9-500007
Formal Name : Mid Pac Petroleum LLC
Address : 1132 Bishop Street, Suite 2500, Kahului, HI 96732
Latitude Measure : 20.888448
Longitude Measure : -156.47838
Horizontal Collection Method Name : GPS
Horizontal Reference Datum Name : NAD83
Last Date in Agency List : 01/10/2019

Facility ID : 9-500007
Formal Name : Mid Pac Petroleum LLC
Address : 677 Ala Moana Blvd Suite 625, Kahului, HI 96732
Latitude Measure : 20.888448
Longitude Measure : -156.47838
Horizontal Collection Method Name : GPS
Horizontal Reference Datum Name : NAD83
Last Date in Agency List : 01/10/2019

Tank Details

Installed Date : 02/27/1995
Date Closed : 07/13/2010
Tank ID : r-3
Tank Status : Permanently out of Use
Tank Capacity : 520
Product : Used Oil

Installed Date : 02/27/1995
Date Closed : N/R
Tank ID : 1
Tank Status : Temporarily out of Use
Tank Capacity : 12000
Product : Gasohol

Installed Date : 02/27/1995
Date Closed : N/R
Tank ID : 2

Map Id: K49
Direction: W
Distance: 0.382 mi.
Actual: 2017.904 ft.
Elevation: 0.007 mi. / 39.37 ft.
Relative: Higher

Site Name : WAKEA PAPA JOHN'S 76 (#301)
9 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 340339273
EPA ID: N/R

UST - HI ***(cont.)***

Tank Status :	Currently in Use
Tank Capacity :	12000
Product :	Gasohol
Installed Date :	04/15/1960
Date Closed :	01/01/1990
Tank ID :	R-4653-4
Tank Status :	Permanently Out of Use
Tank Capacity :	280
Product :	Used Oil
Installed Date :	04/15/1960
Date Closed :	01/30/1995
Tank ID :	R-4653-2-1
Tank Status :	Permanently Out of Use
Tank Capacity :	3000
Product :	Gasoline
Installed Date :	04/15/1960
Date Closed :	10/23/1994
Tank ID :	R-4653-1
Tank Status :	Permanently Out of Use
Tank Capacity :	5000
Product :	Gasoline
Installed Date :	04/15/1960
Date Closed :	11/02/1994
Tank ID :	R-4653-2-2
Tank Status :	Permanently Out of Use
Tank Capacity :	3000
Product :	Gasoline

Map Id: K50
Direction: W
Distance: 0.382 mi.
Actual: 2017.904 ft.
Elevation: 0.007 mi. / 39.37 ft.
Relative: Higher

Site Name : MID PAC PETROLEUM 254653 (PREV: CENTRAL 76 L-4653)
9 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 406777980
EPA ID: N/R

LUST - HI

Facility Name :	Mid Pac Petroleum 254653 (prev: CENTRAL 76 L-4653)
Facility Address :	9 S WAKEA AVE, Kahului, HI 96732

Map Id: K50
Direction: W
Distance: 0.382 mi.
Actual: 2017.904 ft.
Elevation: 0.007 mi. / 39.37 ft.
Relative: Higher

Site Name : MID PAC PETROLEUM 254653 (PREV: CENTRAL 76 L-4653)
9 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 406777980
EPA ID: N/R

LUST - HI ***(cont.)***

Site Details

LUST Latest Status Date :	08/18/2011
LUST Latest Status :	Site Cleanup Completed with EHE/EHMP
Facility ID :	9-500007
Event ID :	950017
Project Officer :	Shaobin Li
Last Date in Agency List :	09/28/2016

UST - HI

Facility Name :	Mid Pac Petroleum 254653 (prev: CENTRAL 76 L-4653)
Facility Address :	9 S WAKEA AVE, Kahului, HI 96732

Site Details

Facility ID :	9-500007
Formal Name :	Mid Pac Petroleum LLC
Address :	677 Ala Moana Blvd Suite 625, Kahului, HI 96732
Latitude Measure :	N/R
Longitude Measure :	N/R
Horizontal Collection Method Name :	N/R
Horizontal Reference Datum Name :	N/R
Last Date in Agency List :	09/28/2016

Tank Details

Installed Date :	04/15/1960
Date Closed :	01/01/1990
Tank ID :	R-4653-4
Tank Status :	Permanently Out of Use
Tank Capacity :	280
Product :	Used Oil

Map Id: 51
Direction: WSW
Distance: 0.385 mi.
Actual: 2033.185 ft.
Elevation: 0.009 mi. / 47.589 ft.
Relative: Higher

Site Name : W & F WASHERETTE, INC.
125 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [HIST LUST - HI, UST - HI]

Envirosite ID: 11687855
EPA ID: N/R

HIST LUST - HI

Facility Name :	W & F WASHERETTE, INC.
Facility Address :	125 S WAKEA AVE, Kahului, HI 96732
Installed Date :	04/11/1968
Facility ID :	9-500427
Tank ID :	R-1

Map Id: 51
Direction: WSW
Distance: 0.385 mi.
Actual: 2033.185 ft.
Elevation: 0.009 mi. / 47.589 ft.
Relative: Higher

Site Name : W & F WASHERETTE, INC.
125 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [HIST LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11687855
EPA ID: N/R

HIST LUST - HI ***(cont.)***

Tank Status Description :	Permanently Out of Use
Tank Capacity :	3000
Substance Description :	Diesel
Date Closed :	01/28/1992
Organization Name :	W & F WASHERETTE, INC.
Organization Address :	125 S WAKEA AVE, Kahului, HI 96732
Last Date in Agency list :	03/04/2014

UST - HI

Facility Name :	W & F WASHERETTE, INC.
Facility Address :	125 S WAKEA AVE, Kahului, HI 96732

Site Details

Facility ID :	9-500427
Formal Name :	W & F WASHERETTE, INC.
Address :	125 S WAKEA AVE, Kahului, HI 96732
Latitude Measure :	N/R
Longitude Measure :	N/R
Horizontal Collection Method Name :	N/R
Horizontal Reference Datum Name :	N/R
Last Date in Agency List :	01/10/2019

Tank Details

Installed Date :	04/11/1968
Date Closed :	01/28/1992
Tank ID :	R-1
Tank Status :	Permanently Out of Use
Tank Capacity :	3000
Product :	Diesel

Map Id: 52
Direction: NE
Distance: 0.388 mi.
Actual: 2047.364 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : YOUNG BROTHERS LTD
PIER 2
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI]

Envirosite ID: 11178760
EPA ID: N/R

LUST - HI

Facility Name :	YOUNG BROTHERS LTD
Facility Address :	PIER 2, Kahului, HI 96732

Site Details

LUST Latest Status Date :	05/16/2003
LUST Latest Status :	Site Cleanup Completed (NFA)

Map Id: 52
Direction: NE
Distance: 0.388 mi.
Actual: 2047.364 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : YOUNG BROTHERS LTD
PIER 2
KAHULUI, HI 96732

Database(s) : [LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11178760
EPA ID: N/R

LUST - HI ***(cont.)***

Facility ID :	9-500667
Event ID :	000089
Project Officer :	Shunsheng Fu
Last Date in Agency List :	01/10/2018

UST - HI

Facility Name :	YOUNG BROTHERS LTD
Facility Address :	PIER 2, Kahului, HI 96732

Site Details

Facility ID :	9-500667
Formal Name :	YOUNG BROTHERS, LTD.
Address :	P.O. BOX 3288, Kahului, HI 96732
Latitude Measure :	20.893406
Longitude Measure :	-156.467079
Horizontal Collection Method Name :	N/R
Horizontal Reference Datum Name :	N/R
Last Date in Agency List :	01/10/2019

Tank Details

Installed Date :	03/31/1951
Date Closed :	09/30/1989
Tank ID :	R-01
Tank Status :	Permanently Out of Use
Tank Capacity :	1000
Product :	Gasoline

Map Id: 53
Direction: WSW
Distance: 0.399 mi.
Actual: 2107.907 ft.
Elevation: 0.008 mi. / 42.274 ft.
Relative: Higher

Site Name : HALEAKALA DAIRY
55 S WAKEA
KAHULUI, HI 96732

Database(s) : [HIST LUST - HI, UST - HI]

Envirosite ID: 11687899
EPA ID: N/R

HIST LUST - HI

Facility Name :	HALEAKALA DAIRY
Facility Address :	55 S WAKEA, Kahului, HI 96732
Installed Date :	04/11/1968
Facility ID :	9-501575
Tank ID :	R-1
Tank Status Description :	Permanently Out of Use
Tank Capacity :	1000
Substance Description :	Gasoline
Date Closed :	09/17/1997

Map Id: 53
Direction: WSW
Distance: 0.399 mi.
Actual: 2107.907 ft.
Elevation: 0.008 mi. / 42.274 ft.
Relative: Higher

Site Name : HALEAKALA DAIRY
55 S WAKEA
KAHULUI, HI 96732

Database(s) : [HIST LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 11687899
EPA ID: N/R

HIST LUST - HI ***(cont.)***

Organization Name :	HALEAKALA DAIRY
Organization Address :	55 S WAKEA, Kahului, HI 96732
Last Date in Agency list :	03/04/2014

UST - HI

Facility Name :	HALEAKALA DAIRY
Facility Address :	55 S WAKEA, Kahului, HI 96732

Site Details

Facility ID :	9-501575
Formal Name :	HALEAKALA DAIRY
Address :	Kahului, HI 96732
Latitude Measure :	20.887575
Longitude Measure :	-156.477995
Horizontal Collection Method Name :	GPS
Horizontal Reference Datum Name :	NAD83
Last Date in Agency List :	01/10/2019

Tank Details

Installed Date :	04/11/1968
Date Closed :	09/17/1997
Tank ID :	R-1
Tank Status :	Permanently Out of Use
Tank Capacity :	1000
Product :	Gasoline

Map Id: 54
Direction: WSW
Distance: 0.401 mi.
Actual: 2116.542 ft.
Elevation: 0.008 mi. / 42.726 ft.
Relative: Higher

Site Name : MINIT STOP WAKEA
85 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [ECHO, LUST - HI, UST - HI]

Envirosite ID: 340339184
EPA ID: N/R

ECHO

Facility Name :	MINIT STOP WAKEA
Facility Address :	85 S WAKEA AVE, KAHULUI, HI 96732
County :	MAUI

Site Details

Last Inspection Date :	01/17/1996
Registry ID :	110006400000
FIPS Code :	15009
EPA Region :	09
Inspection Count :	0

Map Id: 54
Direction: WSW
Distance: 0.401 mi.
Actual: 2116.542 ft.
Elevation: 0.008 mi. / 42.726 ft.
Relative: Higher

Site Name : MINIT STOP WAKEA
85 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [ECHO, LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 340339184
EPA ID: N/R

ECHO ***(cont.)***

Last Inspection Days :	7739
Informal Count :	0
Last Informal Action Date :	N/R
Formal Action Count :	0
Last Formal Action Date :	N/R
Total Penalties :	0
Penalty Count :	0
Last Penalty Date :	N/R
Last Penalty Amount :	N/R
QTRS IN NC :	0
Programs IN SNC :	0
Current Compliance Status :	No Violation
Three-Year Compliance Status :	N/R
Collection Method :	ADDRESS MATCHING-HOUSE NUMBER
Reference Point :	CENTER OF A FACILITY OR STATION
Accuracy Meters :	30
Derived Tribes :	N/R
Derived HUC :	20020000
Derived WBD :	N/R
Derived STCTY FIPS :	15009
Derived Zip :	96732
Derived CD113 :	02
Derived CB2010 :	150090311022003
MYRTK Universe :	NNN
NPDES IDs :	N/R
CWA Permit Types :	N/R
CWA Compliance Tracking :	N/R
CWA NAICS :	N/R
CWA SICS :	N/R
CWA Inspection Count :	N/R
CWA Last Inspection Days :	N/R
CWA Informal Count :	N/R
CWA Formal Action Count :	N/R
CWA Last Formal Action Date :	N/R
CWA Penalties :	N/R
CWA Last Penalty Date :	N/R
CWA Last Penalty Amount :	N/R
CWA Quarters IN NC :	N/R
CWA Current Compliance Status :	N/R
CWA Current SNC Flag :	N
CWA 13 Quarters Compliance Status :	N/R
CWA 13 Quarters Effluent Exceedances:	N/R
CWA Three-Year QNCR Codes :	N/R
DFR URL :	Click here for hyperlink provided by the agency.
Facility SIC Codes :	N/R
Facility NAICS Codes :	N/R
Facility Last Inspection EPA Date :	N/R
Facility Last Inspection State Date :	01/17/1996
Facility Last Formal Act EPA Date :	N/R
Facility Last Formal Act State Date :	N/R
Facility Last Informal Act EPA Date :	N/R
Facility Last Informal Act State Date:	N/R
Facility Federal Agency :	N/R
TRI Reporter :	N/R
Facility Imp Water Flag :	N/R
Current SNC Flag :	N
Indian County Flag :	N

Map Id: 54
Direction: WSW
Distance: 0.401 mi.
Actual: 2116.542 ft.
Elevation: 0.008 mi. / 42.726 ft.
Relative: Higher

Site Name : MINIT STOP WAKEA
85 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [ECHO, LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 340339184
EPA ID: N/R

ECHO ***(cont.)***

Federal Flag :	N/R
US Mexico Border Flag :	N/R
Chesapeak Bay Flag :	N/R
AIR Flag :	N
NPDES Flag :	N
SDWIS Flag :	N
RCRA Flag :	Y
TRI Flag :	N
GHG Flag :	N
Major Flag :	N/R
Active Flag :	N/R
NAA Flag :	N/R
Latitude :	20.88617
Longitude :	-156.47827
Last Date in Agency List :	03/27/2017

LUST - HI

Facility Name :	MINIT STOP WAKEA
Facility Address :	85 S WAKEA AVE, Kahului, HI 96732

Site Details

LUST Latest Status Date :	04/01/1999
LUST Latest Status :	Site Cleanup Completed (NFA)
Facility ID :	9-500423
Event ID :	990066
Project Officer :	Richard Takaba
Last Date in Agency List :	01/10/2018

UST - HI

Facility Name :	MINIT STOP WAKEA
Facility Address :	85 S WAKEA AVE, Kahului, HI 96732

Site Details

Facility ID :	9-500423
Formal Name :	Hawaii Petroleum, Inc.
Address :	385 Hukilike St., #101, Kahului, HI 96732
Latitude Measure :	20.886547
Longitude Measure :	-156.478144
Horizontal Collection Method Name :	GPS
Horizontal Reference Datum Name :	NAD83
Last Date in Agency List :	01/10/2019

Tank Details

Installed Date :	10/01/1999
Date Closed :	N/R
Tank ID :	1A
Tank Status :	Currently In Use
Tank Capacity :	4000
Product :	Diesel

Map Id: 54
Direction: WSW
Distance: 0.401 mi.
Actual: 2116.542 ft.
Elevation: 0.008 mi. / 42.726 ft.
Relative: Higher

Site Name : MINIT STOP WAKEA
85 S WAKEA AVE
KAHULUI, HI 96732

Database(s) : [ECHO, LUST - HI, UST - HI] ***(cont.)***

Envirosite ID: 340339184
EPA ID: N/R

UST - HI ***(cont.)***

Installed Date :	10/01/1999
Date Closed :	N/R
Tank ID :	1B
Tank Status :	Currently In Use
Tank Capacity :	6000
Product :	Gasohol

Installed Date :	10/01/1999
Date Closed :	N/R
Tank ID :	2
Tank Status :	Currently In Use
Tank Capacity :	10000
Product :	Gasohol

Installed Date :	07/30/1969
Date Closed :	11/19/1998
Tank ID :	R-1
Tank Status :	Permanently Out of Use
Tank Capacity :	550
Product :	Used Oil

Installed Date :	07/30/1969
Date Closed :	11/19/1998
Tank ID :	R-2
Tank Status :	Permanently Out of Use
Tank Capacity :	4000
Product :	Gasoline

Installed Date :	07/30/1969
Date Closed :	11/19/1998
Tank ID :	R-3
Tank Status :	Permanently Out of Use
Tank Capacity :	4000
Product :	Gasoline

Installed Date :	07/30/1969
Date Closed :	11/19/1998
Tank ID :	R-4
Tank Status :	Permanently Out of Use
Tank Capacity :	4000
Product :	Gasoline

Installed Date :	07/30/1969
Date Closed :	11/19/1998
Tank ID :	R-5
Tank Status :	Permanently Out of Use
Tank Capacity :	4000
Product :	Gasoline

Map Id: 55
Direction: NE
Distance: 0.408 mi.
Actual: 2156.110 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : YOUNG BROTHERS KAHULUI
65 WHARF ST
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI]

Envirosite ID: 319997437
EPA ID: N/R

SHWS - HI

Facility Name :	Young Brothers Kahului
Facility Address :	65 Wharf St, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Young Brothers Kahului
Supplemental Location Text :	Kahului Harbor Pier 2
HID Number :	N/R
Facility Registry Identifier :	110013774576
Program Full Name :	State
Potential Hazard and Controls :	No Hazard
Assessment :	Response Necessary
Priority :	NFA
Nature of Contamination :	N/R
Nature of Residual Contamination :	TPHo from tar to groundwater
Response :	Response Complete
Response Action Completed :	07/01/2004
Lead Agency :	HEER
Use Restrictions :	No Hazard Present For Unrestricted Residential Use
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	N/R
Document Date :	07/01/2004
Document Number :	2004-255-CAC
Document Subject :	NFA Letter for Young Brothers Operations Area, Pier 2, Kahului, Maui, Facility ID 9-500667
Site Closure Document :	No Further Action Letter - Unrestricted Residential Use
Project Manager :	Clarence Callahan
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	N/R
Description of Portion :	N/R

SPILLS - HI

Facility Name :	Young Brothers Kahului
Facility Address :	65 Wharf St, Kahului, 96732
Case Number :	19981014-1725
Activity End Date :	10/16/1998
HID Number :	N/R
Facility Registry Identifier :	110013774576
Activity Type :	Response
Activity Lead :	Bill Perry
Activity Result :	SOSC NFA

Map Id: 55
Direction: NE
Distance: 0.408 mi.
Actual: 2156.110 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : YOUNG BROTHERS KAHULUI
65 WHARF ST
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997437
EPA ID: N/R

SPILLS - HI ***(cont.)***

Substances :	Oil, No. 2-D
Quantity :	50 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	459894
Organization :	Young Brothers, Ltd.
Location Island :	Maui
Supplemental Location :	Kahului Harbor Pier 2
EP&R Environmental Interest :	M/V Hokukea, Kahului Harbor
Was coordination needed on or off scene?:	N/R
Tax Map Key :	N/R
Case Number :	19990923-1741
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013774576
Activity Type :	Response
Activity Lead :	Terry Corpus
Activity Result :	SOSC NFA
Substances :	Solvent
Quantity :	780 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Young Brothers, Ltd.
Location Island :	Maui
Supplemental Location :	Kahului Harbor Pier 2
EP&R Environmental Interest :	Young Brothers Pier 2, Solvent Spill
Was coordination needed on or off scene?:	Off Scene
Tax Map Key :	N/R
Case Number :	20020826-1000
Activity End Date :	03/24/2003
HID Number :	N/R
Facility Registry Identifier :	110013774576
Activity Type :	Response
Activity Lead :	Liz Galvez
Activity Result :	SOSC NFA
Substances :	Oil, Used
Quantity :	< 350 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	621082
Organization :	Young Brothers, Ltd.
Location Island :	Maui
Supplemental Location :	Kahului Harbor Pier 2
EP&R Environmental Interest :	Young Brothers Kahului
Was coordination needed on or off scene?:	Off Scene

Map Id: 55
Direction: NE
Distance: 0.408 mi.
Actual: 2156.110 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : YOUNG BROTHERS KAHULUI
65 WHARF ST
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997437
EPA ID: N/R

SPILLS - HI ***(cont.)***

Tax Map Key :	N/R
Case Number :	20090123-0921
Activity End Date :	01/23/2009
HID Number :	N/R
Facility Registry Identifier :	110013774576
Activity Type :	Response
Activity Lead :	Paul Chong
Activity Result :	SOSC NFA
Substances :	Diesel Fuel
Quantity :	10 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	895660
Organization :	Young Brothers, Ltd.
Location Island :	Maui
Supplemental Location :	Kahului Harbor Pier 2
EP&R Environmental Interest :	Hokuloa Diesel Release NRC 895660
Was coordination needed on or off scene?:	Off Scene
Tax Map Key :	N/R

Map Id: 56
Direction: NNE
Distance: 0.520 mi.
Actual: 2744.829 ft.
Elevation: 0 mi. / 0 ft.
Relative: Lower

Site Name : FUDS NAVY MILITARY RESERVATION (KAHULUI)
N/R
KAHULUI, HI

Database(s) : [SHWS - HI]

Envirosite ID: 363381541
EPA ID: N/R

SHWS - HI

Facility Name :	FUDS Navy Military Reservation (Kahului)
Facility Address :	Kahului, HI
County :	Maui

Site Details

SDAR Environmental Interest Name :	FUDS Navy Military Reservation (Kahului)
Supplemental Location Text :	H09HI024500
HID Number :	N/R
Facility Registry Identifier :	N/R
Program Full Name :	Formerly Used Defense Site
Potential Hazard and Controls :	Hazard Undetermined
Assessment :	Assessment Ongoing
Priority :	Low
Nature of Contamination :	N/R
Nature of Residual Contamination :	N/R

Map Id: 56
Direction: NNE
Distance: 0.520 mi.
Actual: 2744.829 ft.
Elevation: 0 mi. / 0 ft.
Relative: Lower

Site Name : FUDS NAVY MILITARY RESERVATION (KAHULUI)
N/R
KAHULUI, HI

Database(s) : [SHWS - HI] ***(cont.)***

Envirosite ID: 363381541
EPA ID: N/R

SHWS - HI ***(cont.)***

Response :	N/R
Response Action Completed :	N/R
Lead Agency :	HEER
Use Restrictions :	Undetermined
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	N/R
Document Date :	N/R
Document Number :	N/R
Document Subject :	N/R
Site Closure Document :	N/R
Project Manager :	N/R
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237008003
Description of Portion :	Portion
Tax Map Key :	237008004
Description of Portion :	Portion
Tax Map Key :	237010003
Description of Portion :	Portion

Map Id: L57
Direction: ENE
Distance: 0.658 mi.
Actual: 3473.738 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : VIP WAREHOUSE
74 HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI]

Envirosite ID: 319997429
EPA ID: N/R

SHWS - HI

Facility Name :	VIP Warehouse
Facility Address :	74 Hobron Ave, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	VIP Warehouse
Supplemental Location Text :	VIP Foodservice Warehouse
HID Number :	N/R

Map Id: L57
Direction: ENE
Distance: 0.658 mi.
Actual: 3473.738 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : VIP WAREHOUSE
74 HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997429
EPA ID: N/R

SHWS - HI ***(cont.)***

Facility Registry Identifier :	110013773265
Program Full Name :	State
Potential Hazard and Controls :	Hazard Present
Assessment :	Assessment Ongoing
Priority :	Low
Nature of Contamination :	Presumed: Petroleum in soil and groundwater
Nature of Residual Contamination :	N/R
Response :	N/R
Response Action Completed :	N/R
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	Kahului Harbor
Document Date :	N/R
Document Number :	N/R
Document Subject :	N/R
Site Closure Document :	N/R
Project Manager :	John Peard
Contact Information :	(808) 933-9921, Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237011006
Description of Portion :	Parcel 6, Lot C-1
Tax Map Key :	237011011
Description of Portion :	N/R
Tax Map Key :	237011022
Description of Portion :	N/R
Tax Map Key :	237011025
Description of Portion :	N/R

SPILLS - HI

Facility Name :	VIP Warehouse
Facility Address :	74 Hobron Ave, Kahului, 96732
Case Number :	19920426
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013773265
Activity Type :	Response

Map Id: L57
Direction: ENE
Distance: 0.658 mi.
Actual: 3473.738 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : VIP WAREHOUSE
74 HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997429
EPA ID: N/R

SPILLS - HI ***(cont.)***

Activity Lead :	Kevin Wood
Activity Result :	Refer to ISST
Substances :	Diesel Fuel
Quantity :	N/R
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Shell Oil Company
Location Island :	Maui
Supplemental Location :	VIP Foodservice Warehouse
EP&R Environmental Interest :	Valley Isle Produce Food Service at TMK # 3-7-11-6
Was coordination needed on or off scene?:	N/R
Tax Map Key :	237011006 237011011 237011022 237011025

Map Id: L58
Direction: ENE
Distance: 0.661 mi.
Actual: 3492.215 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI FUEL DISTRIBUTION TERMINAL
60 HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI]

Envirosite ID: 319997333
EPA ID: N/R

SHWS - HI

Facility Name :	Kahului Fuel Distribution Terminal
Facility Address :	60 Hobron Ave, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Shell Kahului Bulk Terminal
Supplemental Location Text :	Aloha Kahului Fuel Distribution Terminal
HID Number :	N/R
Facility Registry Identifier :	110013788856
Program Full Name :	State
Potential Hazard and Controls Assessment :	Hazard Present
	Response Necessary
Priority :	Low
Nature of Contamination :	Found: Petroleum in soil and groundwater
Nature of Residual Contamination :	N/R
Response :	Response Ongoing
Response Action Completed :	N/R
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination
Description of Restrictions :	N/R
Engineering Control :	N/R

Map Id: L58
Direction: ENE
Distance: 0.661 mi.
Actual: 3492.215 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI FUEL DISTRIBUTION TERMINAL
60 HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997333
EPA ID: N/R

SHWS - HI ***(cont.)***

Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	Kahului Harbor
Document Date :	N/R
Document Number :	N/R
Document Subject :	N/R
Site Closure Document :	N/R
Project Manager :	John Peard
Contact Information :	(808) 933-9921, Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237011008
Description of Portion :	N/R

SPILLS - HI

Facility Name :	Kahului Fuel Distribution Terminal
Facility Address :	60 Hobron Ave, Kahului, 96732
Case Number :	19941103-2
Activity End Date :	01/31/2017
HID Number :	N/R
Facility Registry Identifier :	110013788856
Activity Type :	Response
Activity Lead :	Terry Corpus
Activity Result :	Closed Incomplete Documentation
Substances :	Diesel Fuel High Sulfur
Quantity :	500 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Equilon Enterprises LLC dba Shell Oil Products US
Location Island :	Maui
Supplemental Location :	Aloha Kahului Fuel Distribution Terminal
EP&R Environmental Interest :	Shell Terminal Kahului
Was coordination needed on or off scene?:	N/R
Tax Map Key :	237011008

Map Id: L59
Direction: ENE
Distance: 0.662 mi.
Actual: 3496.385 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : TOSCO BULK PLANT NUMBER 0323
76 HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI]

Envirosite ID: 319997426
EPA ID: N/R

SHWS - HI

Facility Name :	TOSCO Bulk Plant Number 0323
Facility Address :	76 Hobron Ave, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	TOSCO Bulk Plant Number 0323
Supplemental Location Text :	TOSCO Bulk Plant Number 0323
HID Number :	N/R
Facility Registry Identifier :	110007501881
Program Full Name :	State
Potential Hazard and Controls :	No Hazard
Assessment :	Response Necessary
Priority :	NFA
Nature of Contamination :	N/R
Nature of Residual Contamination :	Petroleum in soil
Response :	Response Complete
Response Action Completed :	03/10/2004
Lead Agency :	HEER
Use Restrictions :	No Hazard Present for Unrestricted Residential Use
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	Kahului Harbor
Document Date :	03/10/2004
Document Number :	2004-092-ES
Document Subject :	Former Tosco Bulk Plant 0323
Site Closure Document :	No Further Action Letter - Unrestricted Residential Use
Project Manager :	Eric Sadoyama
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237011008
Description of Portion :	Tanks and loading rack listed as 76 Hobron Lane by Maui County
Tax Map Key :	237011021
Description of Portion :	40 Hobron Lane according to Maui County tanks formerly on this portion site

Map Id: M60
Direction: ENE
Distance: 0.668 mi.
Actual: 3524.940 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI TERMINAL
100 HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI]

Envirosite ID: 330757624
EPA ID: N/R

SHWS - HI

Facility Name :	Kahului Terminal
Facility Address :	100 Hobron Ave, Unit A, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Chevron Kahului Bulk Terminal
Supplemental Location Text :	No FRS Number Match Unit A
HID Number :	N/R
Facility Registry Identifier :	110001764083
Program Full Name :	State
Potential Hazard and Controls :	Hazard Present
Assessment :	Response Necessary
Priority :	Low
Nature of Contamination :	Found: Petroleum in soil and groundwater.
Nature of Residual Contamination :	N/R
Response :	Response Ongoing
Response Action Completed :	N/R
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	Kahului Harbor
Document Date :	N/R
Document Number :	N/R
Document Subject :	N/R
Site Closure Document :	N/R
Project Manager :	John Peard
Contact Information :	(808) 933-9921, Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237011012
Description of Portion :	N/R

SPILLS - HI

Facility Name :	Kahului Terminal
Facility Address :	100 Hobron Ave, Unit A, Kahului, 96732
Case Number :	19960105-1339
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110001764083
Activity Type :	Response
Activity Lead :	Bill Perry
Activity Result :	SOSC NFA

Map Id: M60
Direction: ENE
Distance: 0.668 mi.
Actual: 3524.940 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI TERMINAL
100 HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 330757624
EPA ID: N/R

SPILLS - HI ***(cont.)***

Substances :	Gasoline
Quantity :	80 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Chevron Products Company
Location Island :	Maui
Supplemental Location :	No FRS Number Match Unit A
EP&R Environmental Interest :	Chevron Terminal (See 960105-0140)
Was coordination needed on or off scene?:	No
Tax Map Key :	237011012
Case Number :	19960105-1340
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110001764083
Activity Type :	Response
Activity Lead :	Terry Corpus
Activity Result :	Refer to ISST
Substances :	Gasoline
Quantity :	400 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Chevron Products Company
Location Island :	Maui
Supplemental Location :	No FRS Number Match Unit A
EP&R Environmental Interest :	Chevron Terminal Bulk Storage (See 960105-0139)
Was coordination needed on or off scene?:	Yes
Tax Map Key :	237011012
Case Number :	19971022-1215
Activity End Date :	10/22/1997
HID Number :	N/R
Facility Registry Identifier :	110001764083
Activity Type :	Drill
Activity Lead :	Liz Galvez
Activity Result :	Drill
Substances :	N/R
Quantity :	N/R
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Chevron Products Company
Location Island :	Maui
Supplemental Location :	No FRS Number Match Unit A
EP&R Environmental Interest :	DRILL - Chevron Drill
Was coordination needed on or off scene?:	Drill

Map Id: M60
Direction: ENE
Distance: 0.668 mi.
Actual: 3524.940 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI TERMINAL
100 HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 330757624
EPA ID: N/R

SPILLS - HI ***(cont.)***

Tax Map Key :	237011012
Case Number :	20110525-1042
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110001764083
Activity Type :	Response
Activity Lead :	Liz Galvez
Activity Result :	N/R
Substances :	Diesel Fuel Low Sulfur
Quantity :	1000 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	977400
Organization :	Chevron Products Company
Location Island :	Maui
Supplemental Location :	No FRS Number Match Unit A
EP&R Environmental Interest :	Drill - Chevron Diesel Release
Was coordination needed on or off scene?:	None
Tax Map Key :	237011012
Case Number :	20110525-1043
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110001764083
Activity Type :	Response
Activity Lead :	Liz Galvez
Activity Result :	N/R
Substances :	N/R
Quantity :	N/R
Lead and Program :	HEER EP&R
National Response Center Incident Report:	977402
Organization :	Chevron Products Company
Location Island :	Maui
Supplemental Location :	No FRS Number Match Unit A
EP&R Environmental Interest :	Drill - Trespassing at Chevron Kahului
Was coordination needed on or off scene?:	None
Tax Map Key :	237011012
Case Number :	20141124-1708
Activity End Date :	11/26/2014
HID Number :	N/R
Facility Registry Identifier :	110001764083
Activity Type :	Response
Activity Lead :	Liz Galvez
Activity Result :	Refer to SDAR
Substances :	Oil

Map Id: M60
Direction: ENE
Distance: 0.668 mi.
Actual: 3524.940 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI TERMINAL
100 HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 330757624
EPA ID: N/R

SPILLS - HI ***(cont.)***

Quantity :	0
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Chevron Products Company
Location Island :	Maui
Supplemental Location :	No FRS Number Match Unit A
EP&R Environmental Interest :	Trenching Release - 11-24-2014
Was coordination needed on or off scene?:	None
Tax Map Key :	237011012
Case Number :	20141217-1125
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110001764083
Activity Type :	Response
Activity Lead :	Liz Galvez
Activity Result :	N/R
Substances :	N/R
Quantity :	N/R
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Chevron Products Company
Location Island :	Maui
Supplemental Location :	No FRS Number Match Unit A
EP&R Environmental Interest :	Chevron Kahului Terminal 12-17-14
Was coordination needed on or off scene?:	None
Tax Map Key :	237011012
Case Number :	20150421-1140
Activity End Date :	04/22/2015
HID Number :	N/R
Facility Registry Identifier :	110001764083
Activity Type :	Response
Activity Lead :	Liz Galvez
Activity Result :	Refer to SDAR
Substances :	Diesel Fuel
Quantity :	0
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Chevron Products Company
Location Island :	Maui
Supplemental Location :	No FRS Number Match Unit A
EP&R Environmental Interest :	Kahului Chevron Tank 3 weathered diesel
Was coordination needed on or off scene?:	None

Map Id: M60
Direction: ENE
Distance: 0.668 mi.
Actual: 3524.940 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI TERMINAL
100 HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 330757624
EPA ID: N/R

SPILLS - HI ***(cont.)***

Tax Map Key :	237011012
Case Number :	19880111-2
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110001764083
Activity Type :	Response
Activity Lead :	Chris Takeno
Activity Result :	Refer to ISST
Substances :	Transmix (Petroleum)
Quantity :	250 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Chevron Products Company
Location Island :	Maui
Supplemental Location :	No FRS Number Match Unit A
EP&R Environmental Interest :	Chevron Terminal
Was coordination needed on or off scene?:	N/R
Tax Map Key :	237011012
Case Number :	19941104
Activity End Date :	01/31/2017
HID Number :	N/R
Facility Registry Identifier :	110001764083
Activity Type :	Response
Activity Lead :	Terry Corpus
Activity Result :	Closed Incomplete Documentation
Substances :	Diesel Fuel High Sulfur
Quantity :	500 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Chevron Products Company
Location Island :	Maui
Supplemental Location :	No FRS Number Match Unit A
EP&R Environmental Interest :	Chevron Terminal Above Ground
Was coordination needed on or off scene?:	N/R
Tax Map Key :	237011012
Case Number :	19950413
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110001764083
Activity Type :	Response
Activity Lead :	Terry Corpus
Activity Result :	Refer to ISST
Substances :	Diesel Fuel High Sulfur

Map Id: M60
Direction: ENE
Distance: 0.668 mi.
Actual: 3524.940 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI TERMINAL
100 HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 330757624
EPA ID: N/R

SPILLS - HI ***(cont.)***

Quantity :	> 50 Gallons
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Chevron Products Company
Location Island :	Maui
Supplemental Location :	No FRS Number Match Unit A
EP&R Environmental Interest :	Chevron Kahalui Terminal
Was coordination needed on or off scene?:	N/R
Tax Map Key :	237011012

Map Id: M61
Direction: ENE
Distance: 0.671 mi.
Actual: 3541.889 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI HARBOR PARCEL B
140 HOBRON AVE
KAHULUI, HI

Database(s) : [SHWS - HI]

Envirosite ID: 363381615
EPA ID: N/R

SHWS - HI

Facility Name :	Kahului Harbor Parcel B
Facility Address :	140 Hobron Ave, Bounded: Hobron West, Aalahao South, Amala East, Kahului, HI
County :	Maui

Site Details

SDAR Environmental Interest Name :	Kahului Harbor Parcel B
Supplemental Location Text :	Kahului Harbor
HID Number :	N/R
Facility Registry Identifier :	N/R
Program Full Name :	State
Potential Hazard and Controls :	Hazard Undetermined
Assessment :	Assessment Ongoing
Priority :	Low
Nature of Contamination :	N/R
Nature of Residual Contamination :	N/R
Response :	N/R
Response Action Completed :	N/R
Lead Agency :	HEER
Use Restrictions :	Undetermined
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	Kahului Harbor
Document Date :	N/R

Map Id: M61
Direction: ENE
Distance: 0.671 mi.
Actual: 3541.889 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : KAHULUI HARBOR PARCEL B
140 HOBRON AVE
KAHULUI, HI

Database(s) : [SHWS - HI] ***(cont.)***

Envirosite ID: 363381615
EPA ID: N/R

SHWS - HI ***(cont.)***

Document Number :	N/R
Document Subject :	N/R
Site Closure Document :	N/R
Project Manager :	John Peard
Contact Information :	(808) 933-9921, Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237011017
Description of Portion :	N/R
Tax Map Key :	237011023
Description of Portion :	N/R

Map Id: 62
Direction: ENE
Distance: 0.740 mi.
Actual: 3909.120 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HOBRON AVE AREA (KAHULUI)
HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI]

Envirosite ID: 319997330
EPA ID: N/R

SHWS - HI

Facility Name :	Hobron Ave Area (Kahului)
Facility Address :	Hobron Ave, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Hobron Avenue Area
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013785662
Program Full Name :	State
Potential Hazard and Controls :	Hazard Present
Assessment :	Response Necessary
Priority :	Low
Nature of Contamination :	Found: Petroleum in soil and groundwater
Nature of Residual Contamination :	N/R
Response :	Response Ongoing
Response Action Completed :	N/R
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination
Description of Restrictions :	N/R
Engineering Control :	N/R

Map Id: 62
Direction: ENE
Distance: 0.740 mi.
Actual: 3909.120 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HOBRON AVE AREA (KAHULUI)
HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI] ***(cont.)***

Envirosite ID: 319997330
EPA ID: N/R

SHWS - HI ***(cont.)***

Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	Kahului Harbor
Document Date :	N/R
Document Number :	N/R
Document Subject :	N/R
Site Closure Document :	N/R
Project Manager :	John Peard
Contact Information :	(808) 933-9921, Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	237011001
Description of Portion :	N/R
Tax Map Key :	237011002
Description of Portion :	N/R
Tax Map Key :	237011005
Description of Portion :	N/R
Tax Map Key :	237011006
Description of Portion :	N/R
Tax Map Key :	237011008
Description of Portion :	N/R
Tax Map Key :	237011011
Description of Portion :	N/R
Tax Map Key :	237011012
Description of Portion :	N/R
Tax Map Key :	237011019
Description of Portion :	N/R
Tax Map Key :	237011021
Description of Portion :	N/R
Tax Map Key :	237011022
Description of Portion :	N/R

Map Id: 62
Direction: ENE
Distance: 0.740 mi.
Actual: 3909.120 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HOBRON AVE AREA (KAHULUI)
HOBRON AVE
KAHULUI, HI 96732

Database(s) : [SHWS - HI] ***(cont.)***

Envirosite ID: 319997330
EPA ID: N/R

SHWS - HI ***(cont.)***

Tax Map Key :	237011024
Description of Portion :	N/R
Tax Map Key :	237011025
Description of Portion :	N/R
Tax Map Key :	237011026
Description of Portion :	N/R
Tax Map Key :	237011027
Description of Portion :	N/R
Tax Map Key :	237011028
Description of Portion :	N/R

Map Id: 63
Direction: E
Distance: 0.866 mi.
Actual: 4573.715 ft.
Elevation: 0.002 mi. / 10.338 ft.
Relative: Higher

Site Name : ALII LINEN SERVICE (FKA SNOW WHITE LINEN)
312 ALAMAHA PL
KAHULUI, HI 96732

Database(s) : [I C - HI, SHWS - HI, SPILLS - HI]

Envirosite ID: 11230060
EPA ID: N/R

I C - HI

Facility Name :	Alii Linen Service (fka Snow White Linen)
Facility Address :	312 Alamaha Pl, Unit H, Kahului, HI 96732
County :	Maui
SDAR Environmental Interest Name :	Snow White Linen Solvent Contamination
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013771374
Program Full Name :	State
Potential Hazard and Controls :	Hazard Managed With Controls
Assessment :	Response Necessary
Priority :	NFA
Nature of Contamination :	N/R
Nature of Residual Contamination :	Vapor intrusion hazard. Operating Sub-Slab Vapor Depressurization system.
Response :	Response Complete
Response Action Completed :	11/09/2011
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination

Map Id: 63
Direction: E
Distance: 0.866 mi.
Actual: 4573.715 ft.
Elevation: 0.002 mi. / 10.338 ft.
Relative: Higher

Site Name : ALII LINEN SERVICE (FKA SNOW WHITE LINEN)
312 ALAMAHA PL
KAHULUI, HI 96732

Database(s) : [I C - HI, SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 11230060
EPA ID: N/R

I C - HI ***(cont.)***

Description of Restrictions :	Prohibit Any Activity That May Disturb the Integrity of the Capping or Monitoring System
Engineering Control :	Engineering Control Required
Institutional Control :	Government - Hawaii Dept. of Health Letter Issued
Date Issued :	11/09/2011
Within Designated Areawide Contamination:	N/R
Document Date :	11/09/2011
Document Number :	2011-653-KO
Document Subject :	No Further Action Determination with Institutional Controls
Site Closure Document :	No Further Action Letter - Restricted Use
Project Manager :	Cal Miyahara
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	238066025
Description of Portion :	N/R

SHWS - HI

Facility Name :	Alii Linen Service (fka Snow White Linen)
Facility Address :	312 Alamaha Pl, Unit H, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Snow White Linen Solvent Contamination
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013771374
Program Full Name :	State
Potential Hazard and Controls :	Hazard Managed With Controls
Assessment :	Response Necessary
Priority :	NFA
Nature of Contamination :	N/R
Nature of Residual Contamination :	Vapor intrusion hazard. Operating Sub-Slab Vapor Depressurization system.
Response :	Response Complete
Response Action Completed :	11/09/2011
Lead Agency :	HEER
Use Restrictions :	Controls Required to Manage Contamination
Description of Restrictions :	Prohibit Any Activity That May Disturb the Integrity of the Capping or Monitoring System
Engineering Control :	Engineering Control Required
Institutional Control :	Government - Hawaii Dept. of Health Letter Issued
Date Issued :	11/09/2011
Within Designated Areawide Contamination:	N/R
Document Date :	11/09/2011

Map Id: 63
Direction: E
Distance: 0.866 mi.
Actual: 4573.715 ft.
Elevation: 0.002 mi. / 10.338 ft.
Relative: Higher

Site Name : ALII LINEN SERVICE (FKA SNOW WHITE LINEN)
312 ALAMAHA PL
KAHULUI, HI 96732

Database(s) : [I C - HI, SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 11230060
EPA ID: N/R

SHWS - HI ***(cont.)***

Document Number :	2011-653-KO
Document Subject :	No Further Action Determination with Institutional Controls
Site Closure Document :	No Further Action Letter - Restricted Use
Project Manager :	Cal Miyahara
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	238066025
Description of Portion :	N/R

SPILLS - HI

Facility Name :	Alii Linen Service (fka Snow White Linen)
Facility Address :	312 Alamaha Pl, Unit H, Kahului, 96732
Case Number :	20031118-0904
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013771374
Activity Type :	Response
Activity Lead :	Unassigned
Activity Result :	N/R
Substances :	N/R
Quantity :	N/R
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Alii Linen Service (Formerly Snow White Linen)
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	Lili Laundry
Was coordination needed on or off scene?:	N/R
Tax Map Key :	238066025

Map Id: 64
Direction: ESE
Distance: 0.875 mi.
Actual: 4621.134 ft.
Elevation: 0.004 mi. / 19.685 ft.
Relative: Higher

Site Name : MAUI DISPOSAL COMPANY
221 LALO PL
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI]

Envirosite ID: 319997359
EPA ID: N/R

SHWS - HI

Facility Name :	Maui Disposal Company

Map Id: 64
Direction: ESE
Distance: 0.875 mi.
Actual: 4621.134 ft.
Elevation: 0.004 mi. / 19.685 ft.
Relative: Higher

Site Name : MAUI DISPOSAL COMPANY
221 LALO PL
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997359
EPA ID: N/R

SHWS - HI ***(cont.)***

Facility Address :	221 Lalo Pl, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Opala Partners Diesel Release
Supplemental Location Text :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013767218
Program Full Name :	State
Potential Hazard and Controls :	No Hazard
Assessment :	Response Necessary
Priority :	NFA
Nature of Contamination :	N/R
Nature of Residual Contamination :	TPH-Diesel, TPH-Oil, Acenaphthene
Response :	Response Complete
Response Action Completed :	02/14/2002
Lead Agency :	HEER
Use Restrictions :	No Hazard Present For Unrestricted Residential Use
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	N/R
Document Date :	02/14/2002
Document Number :	2002-029-MGC
Document Subject :	Priority Letter for Opala Partners LLC
Site Closure Document :	No Further Action Letter - Unrestricted Residential Use
Project Manager :	Melody Calisay
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	238066035
Description of Portion :	N/R

SPILLS - HI

Facility Name :	Maui Disposal Company
Facility Address :	221 Lalo Pl, Kahului, 96732
Case Number :	20000320-0954
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013767218
Activity Type :	Response
Activity Lead :	Bill Perry
Activity Result :	Refer to ISST
Substances :	Diesel Fuel
Quantity :	< 25 Gallons
Lead and Program :	HEER EP&R

Map Id: 64
Direction: ESE
Distance: 0.875 mi.
Actual: 4621.134 ft.
Elevation: 0.004 mi. / 19.685 ft.
Relative: Higher

Site Name : MAUI DISPOSAL COMPANY
221 LALO PL
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997359
EPA ID: N/R

SPILLS - HI ***(cont.)***

National Response Center Incident Report:	N/R
Organization :	Maui Disposal Company, Inc.
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	Lalo St-release
Was coordination needed on or off scene?:	N/R
Tax Map Key :	238066035
Case Number :	20000320-0954
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013767218
Activity Type :	Response
Activity Lead :	Bill Perry
Activity Result :	Refer to ISST
Substances :	Oil Lubricating
Quantity :	N/R
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Maui Disposal Company, Inc.
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	Lalo St-release
Was coordination needed on or off scene?:	N/R
Tax Map Key :	238066035
Case Number :	19950227
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013767218
Activity Type :	Response
Activity Lead :	Chris Takeno
Activity Result :	SOSC NFA
Substances :	Oil, Waste
Quantity :	N/R
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Maui Disposal Company, Inc.
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	Maui Disposal Company
Was coordination needed on or off scene?:	N/R

Map Id: 64
Direction: ESE
Distance: 0.875 mi.
Actual: 4621.134 ft.
Elevation: 0.004 mi. / 19.685 ft.
Relative: Higher

Site Name : MAUI DISPOSAL COMPANY
221 LALO PL
KAHULUI, HI 96732

Database(s) : [SHWS - HI, SPILLS - HI] ***(cont.)***

Envirosite ID: 319997359
EPA ID: N/R

SPILLS - HI ***(cont.)***

Tax Map Key :	238066035
Case Number :	19950227
Activity End Date :	N/R
HID Number :	N/R
Facility Registry Identifier :	110013767218
Activity Type :	Response
Activity Lead :	Chris Takeno
Activity Result :	SOSC NFA
Substances :	Paint
Quantity :	N/R
Lead and Program :	HEER EP&R
National Response Center Incident Report:	N/R
Organization :	Maui Disposal Company, Inc.
Location Island :	Maui
Supplemental Location :	N/R
EP&R Environmental Interest :	Maui Disposal Company
Was coordination needed on or off scene?:	N/R
Tax Map Key :	238066035

Map Id: N65
Direction: E
Distance: 0.919 mi.
Actual: 4852.056 ft.
Elevation: 0.002 mi. / 9.764 ft.
Relative: Higher

Site Name : HAWAII WOOD PRESERVING CO.
356 HANAKAI ST
KAHULUI, HI 96732

Database(s) : [SHWS - HI]

Envirosite ID: 319997326
EPA ID: N/R

SHWS - HI

Facility Name :	Hawaii Wood Preserving Co.
Facility Address :	356 Hanakai St, Kahului, HI 96732
County :	Maui

Site Details

SDAR Environmental Interest Name :	Hawaii Wood Preserving Co. (Osmose)
Supplemental Location Text :	N/R
HID Number :	HID980883185
Facility Registry Identifier :	110000486386
Program Full Name :	State
Potential Hazard and Controls :	No Hazard
Assessment :	Response Necessary
Priority :	NFA
Nature of Contamination :	Found: CCA in soil
Nature of Residual Contamination :	N/R
Response :	Response Complete

Map Id: N65
Direction: E
Distance: 0.919 mi.
Actual: 4852.056 ft.
Elevation: 0.002 mi. / 9.764 ft.
Relative: Higher

Site Name : HAWAII WOOD PRESERVING CO.
356 HANAKAI ST
KAHULUI, HI 96732

Database(s) : [SHWS - HI] ***(cont.)***

Envirosite ID: 319997326
EPA ID: N/R

SHWS - HI ***(cont.)***

Response Action Completed :	12/29/2008
Lead Agency :	SHWB
Use Restrictions :	No Hazard Present for Unrestricted Residential Use
Description of Restrictions :	N/R
Engineering Control :	N/R
Institutional Control :	N/R
Date Issued :	N/R
Within Designated Areawide Contamination:	N/R
Document Date :	12/29/2008
Document Number :	N/R
Document Subject :	Hazardous Waste Closure Certification Approval, Former Hawaii Wood Preserving Company Treatment Plant, 356 Hanakai St, Kahului, Hawaii (Maui), EPA HID 900883185
Site Closure Document :	No Further Action Letter - Unrestricted Residential Use
Project Manager :	Eric Sadoyama
Contact Information :	(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List :	11/29/2018

Tax Map Key Information

Tax Map Key :	238066002
Description of Portion :	N/R

Map Id: N66
Direction: E
Distance: 0.919 mi.
Actual: 4852.056 ft.
Elevation: 0.002 mi. / 9.764 ft.
Relative: Higher

Site Name : MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s) : [BRS, HIST CORRACTS 2, RCRA_NONGEN]

Envirosite ID: 410853523
EPA ID: HID980883185

BRS

Facility Name :	MAUI TOYOTA FKA HI WOOD PRESERVING CO
Facility Address :	356 HANAKAI STREET, KAHULUI, HI 96732
County :	MAUI

Site Details

Date Form Received by Agency :	04/10/2006
EPA ID :	HID980883185
Mailing Address :	320 HANA HIGHWAY, KAHULUI, HI 96732
Contact :	DAMIEN J FARIAS
Contact Address :	N/R
Contact Country :	N/R
Contact Telephone :	808-877-2781

Map Id: N66
Direction: E
Distance: 0.919 mi.
Actual: 4852.056 ft.
Elevation: 0.002 mi. / 9.764 ft.
Relative: Higher

Site Name : MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s) : [BRS, HIST CORRACTS 2, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 410853523
EPA ID: HID980883185

BRS ***(cont.)***

Contact Email :	DAMIEN@MAUITOYOTA.NET
EPA Region :	09
Land Type :	Private
Source Type :	Annual/Biennial Report
Classification :	Large Quantity Generator

Description :

Handlers that generate 1,000 kg or more of hazardous waste during any calendar month; or generate more than 1 kg of acutely hazardous waste during any calendar month; or generate more than 100 kg 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; or generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1 kg of acutely hazardous waste at any time; or generate 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 accumulated more than 100 kg of that material at any time.

Last Date in Agency List :	12/21/2018

Owner/Operator Summary

Owner/Operator Name :	DAMIEN FARIAS
Owner/Operator Address :	320 HANA HIGHWAY, KAHULUI, HI 96732
Owner/Operator Country :	US
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	08/24/2002
Owner/Operator End Date :	N/R

Owner/Operator Name :	DAMIEN FARIAS
Owner/Operator Address :	N/R
Owner/Operator Country :	US
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	08/24/2002
Owner/Operator End Date :	N/R

Waste Activity Monitoring

Report Cycle :	2005
Hazardous Waste Page Number :	1
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	CCA LIQUID
Primary NAICS :	321114
Source Code :	G14

Map Id: N66
Direction: E
Distance: 0.919 mi.
Actual: 4852.056 ft.
Elevation: 0.002 mi. / 9.764 ft.
Relative: Higher

Site Name : MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s) : [BRS, HIST CORRACTS 2, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 410853523
EPA ID: HID980883185

BRS ***(cont.)***

Source Code Description :	Removal of tank sludge, sediments, or slag (periodic sludge or residual removal from storage tanks including internal scrubbing or cleaning)
Form Code :	N/R
Form Code Description :	N/R
Management Method :	N/R
Management Method Description :	N/R
Generation Tons :	50.04
Managed Tons :	0
Shipped Tons :	50.04
Received Tons :	0
Receiver ID :	WAD020257945
Receiver State :	WA
Shipper ID :	HID980883185
Shipper State :	HI
Waste Minimization Code :	N/R
Waste Minimization Code Description :	N/R
Waste Code List :	N/R
Waste Code Group :	TCMT
Waste Code Group Description :	D004-D011 combinations
Waste Generation Type :	N/R
Report Cycle :	2005
Hazardous Waste Page Number :	1
Hazardous Waste Sub-Page Number :	2
BR Form :	GM
Waste Description :	CCA LIQUID
Primary NAICS :	321114
Source Code :	G14
Source Code Description :	Removal of tank sludge, sediments, or slag (periodic sludge or residual removal from storage tanks including internal scrubbing or cleaning)
Form Code :	N/R
Form Code Description :	N/R
Management Method :	N/R
Management Method Description :	N/R
Generation Tons :	245.196
Managed Tons :	0
Shipped Tons :	245.196
Received Tons :	0
Receiver ID :	WAD020257945
Receiver State :	WA
Shipper ID :	HID980883185
Shipper State :	HI
Waste Minimization Code :	N/R
Waste Minimization Code Description :	N/R
Waste Code List :	N/R
Waste Code Group :	TCMT
Waste Code Group Description :	D004-D011 combinations
Waste Generation Type :	N/R

Map Id: N66
Direction: E
Distance: 0.919 mi.
Actual: 4852.056 ft.
Elevation: 0.002 mi. / 9.764 ft.
Relative: Higher

Site Name : MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s) : [BRS, HIST CORRACTS 2, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 410853523
EPA ID: HID980883185

BRS ***(cont.)***

Report Cycle :	2005
Hazardous Waste Page Number :	2
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	CCA SLUDGE
Primary NAICS :	321114
Source Code :	G14
Source Code Description :	Removal of tank sludge, sediments, or slag (periodic sludge or residual removal from storage tanks including internal scrubbing or cleaning)
Form Code :	N/R
Form Code Description :	N/R
Management Method :	N/R
Management Method Description :	N/R
Generation Tons :	6.3125
Managed Tons :	0
Shipped Tons :	6.3125
Received Tons :	0
Receiver ID :	WAD991281767
Receiver State :	WA
Shipper ID :	HID980883185
Shipper State :	HI
Waste Minimization Code :	N/R
Waste Minimization Code Description :	N/R
Waste Code List :	N/R
Waste Code Group :	F035
Waste Code Group Description :	WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE INORGANIC PR
Waste Generation Type :	N/R

Report Cycle :	2005
Hazardous Waste Page Number :	3
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	DRIED CCA MATERIAL
Primary NAICS :	321114
Source Code :	G14
Source Code Description :	Removal of tank sludge, sediments, or slag (periodic sludge or residual removal from storage tanks including internal scrubbing or cleaning)
Form Code :	N/R
Form Code Description :	N/R
Management Method :	N/R
Management Method Description :	N/R
Generation Tons :	1.225
Managed Tons :	0
Shipped Tons :	1.225
Received Tons :	0
Receiver ID :	WAD991281767

Map Id: N66
Direction: E
Distance: 0.919 mi.
Actual: 4852.056 ft.
Elevation: 0.002 mi. / 9.764 ft.
Relative: Higher

Site Name : MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s) : [BRS, HIST CORRACTS 2, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 410853523
EPA ID: HID980883185

BRS ***(cont.)***

Receiver State :	WA
Shipper ID :	HID980883185
Shipper State :	HI
Waste Minimization Code :	N/R
Waste Minimization Code Description :	N/R
Waste Code List :	N/R
Waste Code Group :	F035
Waste Code Group Description :	WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE INORGANIC PR
Waste Generation Type :	N/R
Report Cycle :	2005
Hazardous Waste Page Number :	4
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	CCA RINSE WATER
Primary NAICS :	321114
Source Code :	G14
Source Code Description :	Removal of tank sludge, sediments, or slag (periodic sludge or residual removal from storage tanks including internal scrubbing or cleaning)
Form Code :	N/R
Form Code Description :	N/R
Management Method :	N/R
Management Method Description :	N/R
Generation Tons :	1
Managed Tons :	0
Shipped Tons :	1
Received Tons :	0
Receiver ID :	WAD991281767
Receiver State :	WA
Shipper ID :	HID980883185
Shipper State :	HI
Waste Minimization Code :	N/R
Waste Minimization Code Description :	N/R
Waste Code List :	N/R
Waste Code Group :	F035
Waste Code Group Description :	WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE INORGANIC PR
Waste Generation Type :	N/R
Report Cycle :	2005
Hazardous Waste Page Number :	5
Hazardous Waste Sub-Page Number :	1
BR Form :	GM
Waste Description :	STODDARD SOLVENT AND WATER

Map Id: N66
Direction: E
Distance: 0.919 mi.
Actual: 4852.056 ft.
Elevation: 0.002 mi. / 9.764 ft.
Relative: Higher

Site Name : MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s) : [BRS, HIST CORRACTS 2, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 410853523
EPA ID: HID980883185

BRS ***(cont.)***

Primary NAICS :	321114
Source Code :	G14
Source Code Description :	Removal of tank sludge, sediments, or slag (periodic sludge or residual removal from storage tanks including internal scrubbing or cleaning)
Form Code :	N/R
Form Code Description :	N/R
Management Method :	N/R
Management Method Description :	N/R
Generation Tons :	18.765
Managed Tons :	0
Shipped Tons :	18.765
Received Tons :	0
Receiver ID :	WAD020257945
Receiver State :	WA
Shipper ID :	HID980883185
Shipper State :	HI
Waste Minimization Code :	N/R
Waste Minimization Code Description :	N/R
Waste Code List :	N/R
Waste Code Group :	D001
Waste Code Group Description :	IGNITABLE WASTE
Waste Generation Type :	N/R

HIST CORRACTS 2

Facility Name :	MAUI TOYOTA FKA HI WOOD PRESERVING CO
Facility Address :	356 HANAKAI STREET, KAHULUI, HI 96732
County :	MAUI
Handler ID :	HID980883185
Type :	N/R
EPA Region :	9
Resource Conservation and Recovery Act Information Report:	Click here for hyperlink provided by the agency.
Latitude :	20.88689
Longitude :	-156.45671
Last Date in Agency List :	02/19/2015

RCRA_NONGEN

Facility Name :	MAUI TOYOTA FKA HI WOOD PRESERVING CO
Facility Address :	356 HANAKAI STREET, KAHULUI, HI 96732
County :	MAUI
Date Form Received by Agency :	20100256
EPA ID :	HID980883185
Mailing Address :	320 HANA HIGHWAY, KAHULUI, HI 96732
Contact :	DAMIEN J FARIAS
Contact Address :	N/R
Contact Country :	US
Contact Telephone :	808-877-2781

Map Id: N66
Direction: E
Distance: 0.919 mi.
Actual: 4852.056 ft.
Elevation: 0.002 mi. / 9.764 ft.
Relative: Higher

Site Name : MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s) : [BRS, HIST CORRACTS 2, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 410853523
EPA ID: HID980883185

RCRA_NONGEN ***(cont.)***

Contact Email :	DAMIEN@MAUITOYOTA.NET
EPA Region :	09
Land Type :	Private
Source Type :	Implementer
Classification :	Not a generator, verified
Description :	Not a generator, verified

Owner/Operator Summary

Owner/Operator Name :	DAMIEN FARIAS
Owner/Operator Address :	320 HANA HIGHWAY, KAHULUI, HI 96732
Owner/Operator Country :	US
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Owner
Owner/Operator Start Date :	08/24/2002
Owner/Operator End Date :	N/R

Owner/Operator Name :	DAMIEN FARIAS
Owner/Operator Address :	N/R
Owner/Operator Country :	US
Owner/Operator Telephone :	N/R
Owner/Operator Email :	N/R
Owner/Operator Fax :	N/R
Legal Status :	Private
Owner/Operator Type :	Operator
Owner/Operator Start Date :	08/24/2002
Owner/Operator End Date :	N/R

Handler Activities Summary

U.S. Importer of Hazardous Waste :	N
Mixed Waste (Haz. and Radioactive) :	N
Recycler of Hazardous Waste :	N
Transporter of Hazardous Waste :	N
Treater, Storer or Disposer of HW :	N
Underground Injection Activity :	N
On-site Burner Exemption :	N
Furnace Exemption :	N
Used Oil Fuel Burner :	N
Used Oil Processor :	N
Used Oil Refiner :	N
Used Oil Fuel Marketer to Burner :	N
Used Oil Specification Marketer :	N
Used Oil Transfer Facility :	N
Used Oil Transporter :	N

Map Id: N66
Direction: E
Distance: 0.919 mi.
Actual: 4852.056 ft.
Elevation: 0.002 mi. / 9.764 ft.
Relative: Higher

Site Name : MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s) : [BRS, HIST CORRACTS 2, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 410853523
EPA ID: HID980883185

RCRA_NONGEN ***(cont.)***

Historical Generators

Date Form Received by Agency :	04/10/2006
Facility Name :	MAUI TOYOTA FKA HI WOOD PRESERVING CO
Classification :	Large Quantity Generator
Date Form Received by Agency :	10/28/1998
Facility Name :	HAWAII WOOD PRESERVING COMPANY
Classification :	Large Quantity Generator
Date Form Received by Agency :	04/11/1997
Facility Name :	HAWAII WOOD PRESERVING CO
Classification :	Large Quantity Generator
Date Form Received by Agency :	19940360
Facility Name :	HAWAII WOOD PRESERVING COMPANY
Classification :	Large Quantity Generator
Date Form Received by Agency :	19960252
Facility Name :	HAWAII WOOD PRESERVING CO
Classification :	Large Quantity Generator
Date Form Received by Agency :	19980364
Facility Name :	HAWAII WOOD PRESERVING CO
Classification :	Large Quantity Generator
Date Form Received by Agency :	20000235
Facility Name :	HAWAII WOOD PRESERVING COMPANY
Classification :	Large Quantity Generator

Hazardous Waste Summary

Waste Code / Name :

D001 - IGNITABLE WASTE
D004 - ARSENIC
D007 - CHROMIUM
F035 - WASTEWATERS, PROCESS RESIDUALS, PRESERVATIVE DRIPPAGE, AND SPENT FORMULATIONS FROM WOOD PRESERVING PROCESSES GENERATED AT PLANTS THAT USE INORGANIC PRESERVATIVES CONTAINING ARSENIC OR CHROMIUM. THIS LISTING DOES NOT INCLUDE K001 BOTTOM SEDIMENT SLUDGE FROM THE TREATMENT OF WASTEWATER FROM WOOD PRESERVING PROCESSES THAT USE CREOSOTE AND/OR PENTACHLOROPHENOL.

Notices of Violations Summary

Date of Violation :	07/19/1994
Date Achieved Compliance :	08/22/1999
Regulation Violated :	Y

Map Id: N66
Direction: E
Distance: 0.919 mi.
Actual: 4852.056 ft.
Elevation: 0.002 mi. / 9.764 ft.
Relative: Higher

Site Name : MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s) : [BRS, HIST CORRACTS 2, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 410853523
EPA ID: HID980883185

RCRA_NONGEN ***(cont.)***

Area of Violation :	TSD - General
Enforcement Action :	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date :	05/14/1995
Enf. Disposition Status :	N/R
Enf. Disp. Status Date :	N/R
Violation Lead Agency :	State
Enforcement Lead Agency :	State
Proposed Penalty Amount :	N/R
Final Penalty Amount :	15259
Paid Penalty Amount :	2544

Evaluation Action Summary

Evaluation Date :	01/26/2007
Evaluation :	FOCUSED COMPLIANCE INSPECTION
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	08/23/2001
Evaluation :	NOT A SIGNIFICANT NON-COMPLIER
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	10/29/2000
Evaluation :	SIGNIFICANT NON-COMPLIER
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	08/22/1999
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	07/19/1994
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	TSD - General
Date Achieved Compliance :	08/22/1999
Evaluation Lead Agency :	State

Evaluation Date :	06/15/1993
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Map Id: N66
Direction: E
Distance: 0.919 mi.
Actual: 4852.056 ft.
Elevation: 0.002 mi. / 9.764 ft.
Relative: Higher

Site Name : MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s) : [BRS, HIST CORRACTS 2, RCRA_NONGEN] ***(cont.)***

Envirosite ID: 410853523
EPA ID: HID980883185

RCRA_NONGEN ***(cont.)***

Evaluation Date :	19941236
Evaluation :	SIGNIFICANT NON-COMPLIER
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	19970238
Evaluation :	NOT A SIGNIFICANT NON-COMPLIER
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

Evaluation Date :	20090236
Evaluation :	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of Violation :	N/R
Date Achieved Compliance :	N/R
Evaluation Lead Agency :	State

ENVIROSITE ID	NAME	ADDRESS	CITY	ZIP	DATABASE(S)
363381418	A&B PROPERTIES, INC.,...	HALEAKALA ST	KAHULUI		SHWS - HI
319997311	A&B PROPERTIES, INC.,...	HALEAKALA ST	KAHULUI	96732	SHWS - HI
330382320	A&B PROPERTY, 55-GALL...	HALEAKALA HWY	KAHULUI	96732	SPILLS - HI
1394007	ALEXANDER & BALDWIN D...	WEST PAPA AVENUE	KAHULUI	96732	CERCLIS NFRAP, SEMS...
11687946	AVIS RENT-A-CAR SYSTEM IN...	KAHULUI AIRPORT	KAHULUI	96732	HIST LUST - HI, UST - HI
411045497	DOTA EMERGENCY GENERATOR ...	KAHULUI AIRPORT	KAHULUI	96732	HIST LUST - HI
1393728	E & E BLACK CONTRACTO...	AMALA PLACE	KAHULUI	96732	CERCLIS NFRAP, SEMS...
1336692	F & M CONTRACTORS, IN...	AMALA PLACE	KAHULUI	96732	CERCLIS-HIST, FRS, SE...
11687882	HAWAIIAN HOMES SPS (PAUKA...	WAIEHU BEACH RD/KUKONA PL...	KAHULUI	96732	HIST LUST - HI, UST - HI
11687913	HI DOT HIGHWAYS DIVISION	HANSEN RD - OLD BASEYARD	KAHULUI	96732	HIST LUST - HI, UST - HI
1394044	KANAHA POND EAST	AMALA PLACE	KAHULUI	96732	CERCLIS NFRAP, SEMS...
1393810	KING'S TOWING	AMALA PLACE	KAHULUI	96732	CERCLIS NFRAP, SEMS...
4203193	KUAU SPS 2	HANA HWY / AOLANI PL	KAHULUI	96732	FRS, HIST LUST - HI, U...
339090718	MAUI PINEAPPLE CO LTD, SE...	HALEAKALA HWY	KAHULUI	96732	SHWS - HI
414582759	MAUI SVC LTD	TMK 3 7 11 17	KAHULUI	96732	RCRA_NONGEN
330386983	MECO POLE-MOUNT TRANSFORM...	KAAHUMANU AVE	WAILUKU	96732	SPILLS - HI
330386990	MECO POLE-MOUNT TRANSFORM...	CORNER OF PUUNENE & KAAHU...	KAHULUI	96732	SPILLS - HI
330387138	MECO VEHICLE HYDRAULIC OI...	HANA HWY E7	KAHULUI	96732	SPILLS - HI
1393811	RAINBOW HAULING	AMALA PLACE	KAHULUI	96732	CERCLIS NFRAP, SEMS...
397328412	SAFEWAY FUEL CENTER	SWC HOOKELE ST AND HANA H...	KAHULUI	96732	UST - HI
1393729	SMILE'S JUNK YARD	AMALA PLACE	KAHULUI	96732	CERCLIS NFRAP, SEMS...
1392432	WAIKAPU DUMP-MAUI COUNTY ...	CENTRAL MAUI	KAHULUI	96732	CERCLIS NFRAP, SEMS...

FEDERAL RCRA NON-CORRACTS TSD FACILITIES LIST

ARCHIVED RCRA TSDF: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 12/17/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

RCRA_TSDF: Resource Conservation and Recovery Act hazardous waste transportation storage disposal and treatment facilities

Agency Version Date: 12/17/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

FEDERAL CERCLIS LIST

CERCLIS NFRAP: The CERCLIS sites with No Further Remedial Action Planned from the CERCLIS program database. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 07/26/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 01/21/2019

CERCLIS-HIST: The CERCLIS program database contains information on the assessment and remediation of federal hazardous waste sites. The Environmental Protection Agency decommissioned the CERCLIS data in 2014. The last update was November 12, 2013.

Agency Version Date: 07/26/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 01/21/2019

FEDERAL FACILITY: Sites where Federal Facilities Restoration and Reuse Office (FFRRO) arranged cleanup for Base Closure and Property Transfer at Federal Facilities

Agency Version Date: 08/13/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8712
Most Recent Contact: 01/21/2019

SEMS_8R_ACTIVE SITES: The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. NPL sites include latitude and longitude information. For non-NPL sites, a brief site status is provided.

Agency Version Date: 08/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

SEMS_8R_ARCHIVED SITES: The Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

Agency Version Date: 08/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

FEDERAL RCRA CORRACTS FACILITIES LIST

CORRACTS: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases

Agency Version Date: 12/17/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 12/21/2018

HIST CORRACTS 2: List of facilities where Resource Conservation and Recovery Act Corrective Action Program used to investigate and remediate hazardous releases that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 12/21/2018

FEDERAL DELISTED NPL SITE LIST

DELISTED NPL: National Priority List of sites that were delisted and no longer require action

Agency Version Date: 10/31/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 11/19/2018

DELISTED PROPOSED NPL: Sites that have been delisted from the proposed National Priority List

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

SEMS_DELETED NPL: All Deleted National Priority List Sties

Agency Version Date: 08/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

FEDERAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

EPA LF MOP: Sites in the EPA Landfill Methane Outreach Program

Agency Version Date: 12/17/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 02/25/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 12/17/2018

FEDERAL ERNS LIST

ERNS: Emergency Response Notification System records of reported spills

Agency Version Date: 01/23/2019
Agency Update Frequency: Annually
Planned Next Contact: 04/03/2019
Agency: National Response Center United States Coast Guard
Agency Contact: N/R
Most Recent Contact: 01/23/2019

FEDERAL RCRA GENERATORS LIST

HIST RCRA_CESQG: List of Resource Conservation and Recovery Act licensed conditionally exempt small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

FEDERAL RCRA GENERATORS LIST (cont.)

HIST RCRA_LQG: List of Resource Conservation and Recovery Act licensed large quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

HIST RCRA_NONGEN: List of Resource Conservation and Recovery Act licensed non-generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

HIST RCRA_SQG: List of Resource Conservation and Recovery Act licensed small quantity generators that are no longer in current agency list.

Agency Version Date: 10/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

RCRA_CESQG: Resource Conservation and Recovery Act listing of licensed conditionally exempt small quantity generators

Agency Version Date: 12/17/2018
Agency Update Frequency: Varies
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

RCRA_LQG: Resource Conservation and Recovery Act listing of licensed large quantity generators

Agency Version Date: 12/17/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

RCRA_NONGEN: Resource Conservation and Recovery Act listing of licensed non-generators

Agency Version Date: 12/17/2018
Agency Update Frequency: Varies
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

RCRA_SQG: Resource Conservation and Recovery Act listing of licensed small quantity generators

Agency Version Date: 12/17/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 12/21/2018

FEDERAL NPL SITE LIST

NPL: List of priority contaminated sites among identified releases or threatened releases of hazardous substances pollutants or contaminants nationally

Agency Version Date: 10/31/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

NPL EPA R1 GIS: Geospatial data for the Environmental Protection Agency Region 1 National Priority List subject to environmental regulation

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 01/21/2019

FEDERAL NPL SITE LIST (cont.)

NPL EPA R3 GIS: Geospatial data for the Environmental Protection Agency Region 3 National Priority List subject to environmental regulation

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 01/21/2019

NPL EPA R6 GIS: Geospatial data for the Environmental Protection Agency Region 6 National Priority List subject to environmental regulation

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 01/21/2019

NPL EPA R8 GIS: Geospatial data for the Environmental Protection Agency Region 8 National Priority List subject to environmental regulation

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 11/19/2018

NPL EPA R9 GIS: Geospatial data for the Environmental Protection Agency Region 9 National Priority List subject to environmental regulation

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-2132
Most Recent Contact: 01/21/2019

PART NPL: Sites that are a part of an National Priority List site referred to as the parent site

Agency Version Date: 11/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

PROPOSED NPL: Sites that have been proposed for the National Priority List

Agency Version Date: 10/31/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

SEMS_FINAL NPL: All Included National Priority List Sites

Agency Version Date: 08/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

SEMS_PROPOSED NPL: All Proposed National Priority List Sites

Agency Version Date: 08/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

RCRA IC_EC: Sites with institutional or engineering controls related to Resource Conservation and Recovery Act

Agency Version Date: 11/19/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/09/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 215-814-2469
Most Recent Contact: 01/29/2019

FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES (cont.)

Fed E C: Federal listing of remediation sites with engineering controls

Agency Version Date: 11/28/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/17/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 02/06/2019

Fed I C: Federal listing of remediation sites with institutional controls

Agency Version Date: 11/28/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/17/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 02/06/2019

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS

FEMA UST: FEMA underground storage tank listing

Agency Version Date: 12/17/2018
Agency Update Frequency: Varies
Planned Next Contact: 03/15/2019
Agency: FEMA
Agency Contact: 202-212-5283
Most Recent Contact: 12/17/2018

INDIAN UST R1: Underground Storage Tanks on Indian Land in EPA Region 1

Agency Version Date: 04/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/19/2019
Agency: U.S. Environmental Protection Agency Region 1
Agency Contact: 855-246-3642
Most Recent Contact: 01/08/2019

INDIAN UST R10: Underground Storage Tanks on Indian Land in EPA Region 10

Agency Version Date: 04/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/15/2019
Agency: U.S. Environmental Protection Agency Region 10
Agency Contact: 855-246-3642
Most Recent Contact: 02/04/2019

INDIAN UST R2: Underground Storage Tanks on Indian Land in EPA Region 2

Agency Version Date: 12/07/2016
Agency Update Frequency: Quarterly
Planned Next Contact: 03/25/2019
Agency: U.S. Environmental Protection Agency Region 2
Agency Contact: 855-246-3642
Most Recent Contact: 01/14/2019

INDIAN UST R4: Underground Storage Tanks on Indian Land in EPA Region 4

Agency Version Date: 05/08/2018
Agency Update Frequency: Semi Annually
Planned Next Contact: 04/15/2019
Agency: U.S. Environmental Protection Agency Region 4
Agency Contact: 855-246-3642
Most Recent Contact: 02/04/2019

INDIAN UST R5: Underground Storage Tanks on Indian Land in EPA Region 5

Agency Version Date: 04/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/04/2019
Agency: U.S. Environmental Protection Agency Region 5
Agency Contact: 855-246-3642
Most Recent Contact: 01/24/2019

INDIAN UST R6: Underground Storage Tanks on Indian Land in EPA Region 6

Agency Version Date: 04/01/2018
Agency Update Frequency: Semi Annually
Planned Next Contact: 04/18/2019
Agency: U.S. Environmental Protection Agency Region 6
Agency Contact: 855-246-3642
Most Recent Contact: 02/07/2019

STATE AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)

INDIAN UST R7: Underground Storage Tanks on Indian Land in EPA Region 7

Agency Version Date: 04/24/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/04/2019
Agency: U.S. Environmental Protection Agency Region 7
Agency Contact: 855-246-3642
Most Recent Contact: 01/24/2019

INDIAN UST R8: Underground Storage Tanks on Indian Land in EPA Region 8

Agency Version Date: 04/25/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/18/2019
Agency: U.S. Environmental Protection Agency Region 8
Agency Contact: 855-246-3642
Most Recent Contact: 01/07/2019

INDIAN UST R9: Underground Storage Tanks on Indian Land in EPA Region 9

Agency Version Date: 04/10/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/18/2019
Agency: U.S. Environmental Protection Agency Region 9
Agency Contact: 855-246-3642
Most Recent Contact: 01/07/2019

AST - HI: Aboveground storage tank listing

Agency Version Date: 12/11/2018
Agency Update Frequency: No Update
Planned Next Contact: 04/30/2019
Agency: Hawaii Fire Department
Agency Contact: 808-640-3728
Most Recent Contact: 02/19/2019

HIST AST - HI: Historical list of Aboveground storage tank listing

Agency Version Date: 10/02/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/30/2019
Agency: Hawaii Fire Department
Agency Contact: 808-640-3728
Most Recent Contact: 02/19/2019

UST - HI: Underground storage tank listing

Agency Version Date: 01/10/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/21/2019
Agency: Hawai'i State Department of Health
Agency Contact: 808-586-4226
Most Recent Contact: 01/10/2019

STATE AND TRIBAL LEAKING STORAGE TANK LISTS

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land in EPA Region 1

Agency Version Date: 04/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/19/2019
Agency: U.S. Environmental Protection Agency Region 1
Agency Contact: 855-246-3642
Most Recent Contact: 01/08/2019

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land in EPA Region 10

Agency Version Date: 04/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/15/2019
Agency: U.S. Environmental Protection Agency Region 10
Agency Contact: 855-246-3642
Most Recent Contact: 02/04/2019

INDIAN LUST R2: Leaking Underground Storage Tanks on Indian Land in EPA Region 2

Agency Version Date: 12/07/2016
Agency Update Frequency: Quarterly
Planned Next Contact: 03/25/2019
Agency: U.S. Environmental Protection Agency Region 2
Agency Contact: 855-246-3642
Most Recent Contact: 01/14/2019

STATE AND TRIBAL LEAKING STORAGE TANK LISTS (cont.)

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land in EPA Region 4

Agency Version Date: 05/08/2018
Agency Update Frequency: Semi Annually
Planned Next Contact: 04/15/2019
Agency: U.S. Environmental Protection Agency Region 4
Agency Contact: 855-246-3642
Most Recent Contact: 02/04/2019

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land in EPA Region 5

Agency Version Date: 04/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/04/2019
Agency: U.S. Environmental Protection Agency Region 5
Agency Contact: 855-246-3642
Most Recent Contact: 01/24/2019

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land in EPA Region 6

Agency Version Date: 11/19/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/08/2019
Agency: U.S. Environmental Protection Agency Region 6
Agency Contact: 855-246-3642
Most Recent Contact: 01/28/2019

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land in EPA Region 7

Agency Version Date: 04/24/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/04/2019
Agency: U.S. Environmental Protection Agency Region 7
Agency Contact: 855-246-3642
Most Recent Contact: 01/24/2019

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land in EPA Region 8

Agency Version Date: 04/25/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: U.S. Environmental Protection Agency Region 8
Agency Contact: 855-246-3642
Most Recent Contact: 01/25/2019

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land in EPA Region 9

Agency Version Date: 04/10/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/18/2019
Agency: U.S. Environmental Protection Agency Region 9
Agency Contact: 855-246-3642
Most Recent Contact: 01/07/2019

HIST LUST - HI: List of leaking underground storage tank sites that are no longer in current agency list.

Agency Version Date: 01/10/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/21/2019
Agency: Hawaii State Department of Health
Agency Contact: 808-586-4226
Most Recent Contact: 01/10/2019

LUST - HI: Leaking underground storage tank sites listing

Agency Version Date: 01/10/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/21/2019
Agency: Hawai'i State Department of Health
Agency Contact: 808-586-4226
Most Recent Contact: 01/10/2019

STATE AND TRIBAL BROWNFIELD SITES

TRIBAL BROWNFIELDS: Tribal brownfield remediation site listing

Agency Version Date: 02/10/2014
Agency Update Frequency: Quarterly
Planned Next Contact: 03/04/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 12/06/2018

STATE AND TRIBAL BROWNFIELD SITES (cont.)

BROWNFIELDS - HI: Listing of brownfield remediation sites

Agency Version Date: 09/27/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/18/2019
Agency: Hawai'i State Department of Health
Agency Contact: 808-586-4249
Most Recent Contact: 02/07/2019

STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

I C - HI: Remediation sites with institutional controls

Agency Version Date: 09/27/2018
Agency Update Frequency: Semi Annually
Planned Next Contact: 04/18/2019
Agency: Hawai'i State Department of Health
Agency Contact: 808-586-4249
Most Recent Contact: 02/07/2019

STATE- AND TRIBAL - EQUIVALENT CERCLIS

SHWS - HI: Listing of state hazardous waste sites

Agency Version Date: 09/27/2018
Agency Update Frequency: Semi Annually
Planned Next Contact: 04/18/2019
Agency: Hawai'i State Department of Health
Agency Contact: 808-586-4226
Most Recent Contact: 02/07/2019

STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

SWF LF CLOSED - HI: Closed solid waste facilities and landfill listing

Agency Version Date: 12/11/2017
Agency Update Frequency: Semi Annually
Planned Next Contact: 04/15/2019
Agency: Hawai'i State Department of Health
Agency Contact: 808-586-4226
Most Recent Contact: 02/04/2019

SWF/LF - HI: Solid waste facility and landfill listing

Agency Version Date: 04/19/2017
Agency Update Frequency: Semi Annually
Planned Next Contact: 03/20/2019
Agency: Hawai'i State Department of Health
Agency Contact: 808-586-4226
Most Recent Contact: 01/09/2019

STATE AND TRIBAL VOLUNTARY CLEANUP SITES

VCP - HI: Voluntary cleanup program remediation sites listing

Agency Version Date: 09/27/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/18/2019
Agency: Hawai'i State Department of Health
Agency Contact: 808-586-4249
Most Recent Contact: 02/07/2019

LOCAL BROWNFIELD LISTS

BROWNFIELDS-ACRES: EPA Brownfields Assessment, Cleanup and Redevelopment Exchange System.

Agency Version Date: 12/06/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/25/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 02/14/2019

Fed Brownfields: Federal brownfield remediation sites

Agency Version Date: 01/15/2019
Agency Update Frequency: Semi Annually
Planned Next Contact: 03/26/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 01/15/2019

LOCAL LISTS OF HAZARDOUS WASTE / CONTAMINATED SITES

FED CDL: The U.S. Department of Justice listing of clandestine drug lab locations

Agency Version Date: 01/07/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/18/2019
Agency: U.S. Department of Justice
Agency Contact: 202-307-7610
Most Recent Contact: 01/07/2019

US HIST CDL: The U.S. Department of Justice historical listing of clandestine drug lab locations

Agency Version Date: 01/07/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/18/2019
Agency: U.S. Department of Justice
Agency Contact: 202-307-7610
Most Recent Contact: 01/07/2019

LOCAL LISTS OF LANDFILL / SOLID WASTE DISPOSAL SITES

HIST INDIAN ODI R8: List of Region 8 Indian land open dump inventory sites maintained within the STARS program that is no longer in current agency list.

Agency Version Date: 11/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Indian Health Service
Agency Contact: 855-246-3642
Most Recent Contact: 01/21/2019

INDIAN ODI R8: Region 8 Indian land open dump inventory sites maintained within the STARS program

Agency Version Date: 01/21/2019
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Indian Health Service
Agency Contact: 855-246-3642
Most Recent Contact: 01/21/2019

ODI: Open dump inventory sites

Agency Version Date: 10/03/2017
Agency Update Frequency: No Update
Planned Next Contact: 04/16/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 02/05/2019

TRIBAL ODI: Indian land open dump inventory for all regions

Agency Version Date: 11/29/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/18/2019
Agency: Indian Health Service
Agency Contact: 301-443-3593
Most Recent Contact: 02/07/2019

RECORDS OF EMERGENCY RELEASE REPORTS

HMIRS (DOT): Hazardous Material spills reported by the Department of Transportation

Agency Version Date: 12/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 05/01/2019
Agency: U.S. Department of Transportation
Agency Contact: (202) 366-4996
Most Recent Contact: 02/20/2019

HIST SPILLS - HI: List of oil and hazardous material spills report sites that are no longer in current agency list.

Agency Version Date: 07/17/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/22/2019
Agency: Hawaii State Department of Health
Agency Contact: 808-586-4249
Most Recent Contact: 02/12/2019

SPILLS - HI: Oil and hazardous material spills report sites

Agency Version Date: 03/16/2017
Agency Update Frequency: Varies
Planned Next Contact: 04/22/2019
Agency: Hawaii State Department of Health
Agency Contact: 808-586-4249
Most Recent Contact: 02/12/2019

LOCAL LAND RECORDS

LIENS 2: Comprehensive Environmental Response Compensation and Liability Act sites with liens

Agency Version Date: 05/11/2017
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 800-424-9346
Most Recent Contact: 09/05/2018

OTHER ASCERTAINABLE RECORDS

AFS: Air Facility Systems Quarterly Extract

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/25/2019

BRS: Reporting of hazardous waste generation and management from large quantity generators

Agency Version Date: 12/17/2018
Agency Update Frequency: Biennial
Planned Next Contact: 03/01/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/21/2018

CDC HAZDAT: The Agency for Toxic Substances and Disease Registry's Hazardous Substance Release/Health Effects Database.

Agency Version Date: 07/26/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Agency for Toxic Substances and Disease Registry
Agency Contact: 770-488-6399
Most Recent Contact: 01/21/2019

COAL ASH DOE: List of existing and planned generators with 1 megawatt or greater of combined capacity that are utilizing coal ash impoundments.

Agency Version Date: 12/13/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/21/2019
Agency: Department of Energy
Agency Contact: (202) 586-8800
Most Recent Contact: 12/13/2018

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

Agency Version Date: 07/31/2014
Agency Update Frequency: Varies
Planned Next Contact: 04/08/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/28/2019

COAL GAS: Manufactured Gas Plant locations

Agency Version Date: 01/02/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/29/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 01/02/2019

CONSENT (DECREES): Legal decisions regarding responsibility for Superfund locations

Agency Version Date: 11/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/21/2019

DEBRIS R5 LF: US EPA Region 5 Disaster Debris Recovery Database is a list of public facilities for disaster construction and demolition materials, electronics, household hazardous waste, metals, tires, and vehicles in EPA Region 5.

Agency Version Date: 01/04/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/15/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 01/04/2019

OTHER ASCERTAINABLE RECORDS (cont.)

DEBRIS R5 SWRCY: US EPA Region 5 Disaster Debris Recovery Database is a list of public facilities for disaster construction and demolition materials, electronics, household hazardous waste, metals, tires, and vehicles in EPA Region 5.

Agency Version Date: 01/04/2019
Agency Update Frequency: Quarterly
Planned Next Contact: 03/15/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 855-246-3642
Most Recent Contact: 01/04/2019

DOD: Department of Defense sites

Agency Version Date: 10/25/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/21/2019

DOT OPS: Incident Data Report

Agency Version Date: 11/26/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/15/2019
Agency: U.S. Department of Transportation
Agency Contact: (202) 366-4996
Most Recent Contact: 02/04/2019

ECHO: ECHO is EPA Enforcement and Compliance History Online website to search for facilities in your community to assess their compliance with environmental regulations related to CAA, CWA, RCRA, & SDWA.

Agency Version Date: 12/17/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 02/25/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 202-566-1667
Most Recent Contact: 12/17/2018

ENOI: The Electronic Notice of Intent (eNOI) database contains construction sites and industrial facilities that submit permit requests to EPA for Construction General Permits (CGP) and Multi-Sector General Permits (MSGP).

Agency Version Date: 11/30/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/19/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/08/2019

EPA FUELS: List of companies and facilities registered to participate in EPA Fuel Programs under Title 40 CFR Part 80.

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 01/25/2019

EPA OSC: Listing of oil spills and hazardous substance release sites requiring EPA On-Site Coordinators.

Agency Version Date: 12/12/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 05/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 02/20/2019

EPA WATCH: The EPA Watch List was used 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. EPA maintained the lists from 2011 - 2013.

Agency Version Date: 02/09/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 01/25/2019

FA HWF: Hazardous Waste Facilities with Financial Assurance

Agency Version Date: 01/01/2019
Agency Update Frequency: Varies
Planned Next Contact: 03/12/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/01/2019

OTHER ASCERTAINABLE RECORDS (cont.)

FEDLAND: Federal land locations

Agency Version Date: 11/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/21/2019

FRS: Facility Registry Systems

Agency Version Date: 11/22/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/11/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/31/2019

FTTS: Tracking of administrative and enforcement activities related to FIFRA/TSCA

Agency Version Date: 04/16/2013
Agency Update Frequency: Varies
Planned Next Contact: 03/22/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-2280
Most Recent Contact: 09/24/2018

FTTS INSP: Tracking of inspections related to FIFRA/TSCA

Agency Version Date: 05/08/2017
Agency Update Frequency: Varies
Planned Next Contact: 03/14/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-2280
Most Recent Contact: 12/17/2018

FUDS: Defense sites that require cleanup

Agency Version Date: 09/30/2015
Agency Update Frequency: Varies
Planned Next Contact: 04/08/2019
Agency: US Army Corps of Engineering
Agency Contact: (202) 761-0011
Most Recent Contact: 01/28/2019

HIST AFS: List of Air Facility Systems Quarterly Extract that are no longer in current agency list.

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/25/2019

HIST AFS 2: List of Air Facility Systems Quarterly Extract that are no longer in current agency list.

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/25/2019

HIST DOD: Department of Defense historical sites

Agency Version Date: 08/17/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 04/01/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/21/2019

HIST LEAD_SMELTER: List of former Lead Smelter Sites that are no longer in current agency list.

Agency Version Date: 11/27/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/16/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/05/2019

HIST MLTS: List of sites in possession/use of radioactive materials regulated by NRC that are no longer in current agency list.

Agency Version Date: 07/05/2013
Agency Update Frequency: Varies
Planned Next Contact: 03/29/2019
Agency: Nuclear Regulatory Commission
Agency Contact: (800) 397-4209
Most Recent Contact: 01/02/2019

OTHER ASCERTAINABLE RECORDS (cont.)

HIST PCB TRANS: List of PCB Disposal Facilities that are no longer in current agency list.

Agency Version Date: 01/18/2018
Agency Update Frequency: No Update
Planned Next Contact: 04/18/2019
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 01/22/2019

HIST PCS ENF: List of permitted facilities to discharge wastewater (Federal equivalent to NPDES) that are no longer in current agency list.

Agency Version Date: 07/31/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 12/18/2018

HIST PCS FACILITY: List of Permitted facilities to discharge wastewater (Federal equivalent to NPDES) that are no longer in current agency list.

Agency Version Date: 07/31/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 12/18/2018

HIST SSTS: List of tracking of facilities who produce pesticides and their quantity that are no longer in current agency list.

Agency Version Date: 12/05/2018
Agency Update Frequency: Annually
Planned Next Contact: 04/24/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/13/2019

HWC DOCKET: Listing of Federal facilities which are managing or have managed hazardous waste; or have had a release of hazardous waste.

Agency Version Date: 11/16/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/05/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: (202) 564-2307
Most Recent Contact: 01/25/2019

ICIS: Comprised of all Federal Administrative and Judicial enforcement information [intended to replace PCS] by tracking enforcement and compliance information (also contains what used to be known as FFTS)

Agency Version Date: 10/09/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/18/2018

INACTIVE PCS: Inactive Permitted facilities to discharge wastewater

Agency Version Date: 10/09/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 12/18/2018

INDIAN RESERVATION: Indian Reservation sites

Agency Version Date: 01/01/2019
Agency Update Frequency: Varies
Planned Next Contact: 03/12/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/01/2019

LEAD_SMELTER: Listing of former Lead Smelter Sites

Agency Version Date: 11/27/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/16/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/05/2019

OTHER ASCERTAINABLE RECORDS (cont.)

LUCIS: Land Use Control Information Systems

Agency Version Date: 05/02/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 03/21/2019
Agency: Department of the Navy: BRAC PMO
Agency Contact: (619) 532-0900
Most Recent Contact: 12/24/2018

LUCIS 2: Land Use Control Information Systems

Agency Version Date: 01/17/2018
Agency Update Frequency: No Longer Maintained
Planned Next Contact: 09/30/2019
Agency: Department of the Navy: BRAC PMO
Agency Contact: (619) 532-0900
Most Recent Contact: 10/02/2018

MINES: Mines Master Index Files

Agency Version Date: 12/19/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/27/2019
Agency: Department of Labor
Agency Contact: (202) 693-9400
Most Recent Contact: 12/19/2018

MLTS: Sites in possession/use of radioactive materials regulated by NRC

Agency Version Date: 01/28/2019
Agency Update Frequency: Varies
Planned Next Contact: 03/29/2019
Agency: Nuclear Regulatory Commission
Agency Contact: (800) 397-4209
Most Recent Contact: 01/02/2019

NPL AOC: Areas of Concern related to NPL remediation sites

Agency Version Date: 10/25/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: Environmental Protection Agency
Agency Contact: N/R
Most Recent Contact: 01/21/2019

NPL LIENS: National Priority List of sites with Liens

Agency Version Date: 08/13/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

OSHA: OSHA's listing of inspections violations and fatality information

Agency Version Date: 12/18/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Occupational Safety & Health Administration
Agency Contact: 800-321-6742
Most Recent Contact: 12/18/2018

PADS: Listing of generators transporters commercial store/ brokers and disposers of PCB

Agency Version Date: 09/20/2018
Agency Update Frequency: Varies
Planned Next Contact: 03/29/2019
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 01/18/2019

PCB TRANSFORMER: Disposal and Storage of Polychlorinated Biphenyl (PCB) Waste

Agency Version Date: 11/21/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/10/2019
Agency: Environmental Protection Agency
Agency Contact: (703) 308-8404
Most Recent Contact: 01/30/2019

PCS ENF: Permitted facilities to discharge wastewater (Federal equivalent to NPDES)

Agency Version Date: 10/09/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 12/18/2018

OTHER ASCERTAINABLE RECORDS (cont.)

PCS FACILITY: Permitted facilities to discharge wastewater (Federal equivalent to NPDES)

Agency Version Date: 10/09/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-6582
Most Recent Contact: 12/18/2018

RAATS: Listing of major violators with enforcement actions issued under RCRA. Includes administrative and civil actions filed by the EPA. This dataset is no longer maintained.

Agency Version Date: 12/17/2018
Agency Update Frequency: Varies
Planned Next Contact: 03/01/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/21/2018

RADINFO: EPA regulated facilities with radiation and radioactive materials

Agency Version Date: 01/03/2019
Agency Update Frequency: Varies
Planned Next Contact: 03/14/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 01/03/2019

RMP: Facilities producing/handling/ process/ distribute/ store specific chemicals report plans required by the Clean Air Act

Agency Version Date: 10/10/2018
Agency Update Frequency: Monthly
Planned Next Contact: 03/14/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 564-2534
Most Recent Contact: 12/17/2018

ROD: Permanent remedy at an NPL site

Agency Version Date: 11/12/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/01/2019
Agency: Environmental Protection Agency
Agency Contact: (800) 424-9346
Most Recent Contact: 01/21/2019

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners

Agency Version Date: 11/29/2018
Agency Update Frequency: No Update
Planned Next Contact: 04/18/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/07/2019

SEMS_SMELTER: This report includes sites that have smelting-related, or potentially smelting-related, indicators in the SEMS database. The report includes information on the site location as well as contaminants of concern.

Agency Version Date: 08/13/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 04/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: 703-603-8867
Most Recent Contact: 01/21/2019

SSTS: Tracking of facilities who produce pesticides and their quantity

Agency Version Date: 12/05/2018
Agency Update Frequency: Annually
Planned Next Contact: 04/24/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/13/2019

STORMWATER: Permitted storm water sites

Agency Version Date: 12/18/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/26/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/18/2018

OTHER ASCERTAINABLE RECORDS (cont.)

TOSCA-PLANT: Plants controlled by the Toxic Substance Control Act

Agency Version Date: 12/05/2018
Agency Update Frequency: Varies
Planned Next Contact: 04/24/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 02/13/2019

TRIS: Information regarding toxic chemicals that are being used/manufactured/ treated/ transported/released into the environment

Agency Version Date: 12/17/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/25/2019
Agency: Environmental Protection Agency
Agency Contact: (202) 566-1667
Most Recent Contact: 12/17/2018

UMTRA: Uranium Recovery Sites

Agency Version Date: 08/02/2018
Agency Update Frequency: Varies
Planned Next Contact: 02/28/2019
Agency: United States Nuclear Regulatory Commission
Agency Contact: (301) 415-8200
Most Recent Contact: 12/20/2018

Corrective Actions_2020: The RCRA cleanup baseline includes facilities expected to need corrective action.

Agency Version Date: 12/21/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 03/01/2019
Agency: U.S. Environmental Protection Agency
Agency Contact: N/R
Most Recent Contact: 12/21/2018

AIRS - HI: Facilities with air permits

Agency Version Date: 12/04/2018
Agency Update Frequency: Varies
Planned Next Contact: 05/06/2019
Agency: Hawai'i State Department of Health
Agency Contact: 808-586-4200
Most Recent Contact: 02/08/2019

DRYCLEANERS - HI: Drycleaner facility listing

Agency Version Date: 12/04/2018
Agency Update Frequency: Quarterly
Planned Next Contact: 05/06/2019
Agency: Hawai'i State Department of Health
Agency Contact: 808-586-4226
Most Recent Contact: 02/08/2019

SUBJECT PROPERTY ADDRESS:

Kahului Site
153 West Kaahumanu Avenue
Kahului, Hawaii

SUBJECT PROPERTY COORDINATES:

Latitude(North):	20.888683 - 20°53'19.3"
Longitude(West):	-156.471823 - -156°28'18.6"
Universal Transverse Mercator:	Zone 4N
UTM X (Meters):	763008.79
UTM Y (Meters):	2311897.79

ELEVATION:

Elevation:	8.130 ft. above sea level

USGS TOPOGRAPHIC MAP:

Subject Property Map:	20156-G4 Wailuku, HI
Most Recent Revision:	2017

GEOHYDROLOGY DATA:

SUBJECT PROPERTY TOPOGRAPHY:

Topographic Gradient: Northeast

DFIRM FLOOD ZONE:

	DFIRM Flood
Subject Property County:	Electronic Data:
MAUI	Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP
Flood Plain Panel at Subject Property:	150003
Additional Panels in search area:	No available data

FEMA FLOOD ZONE:

	FEMA Flood
Subject Property County:	Electronic Data:
MAUI	Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP
Flood Plain Panel at Subject Property:	1500030190D
Additional Panels in search area:	No available data

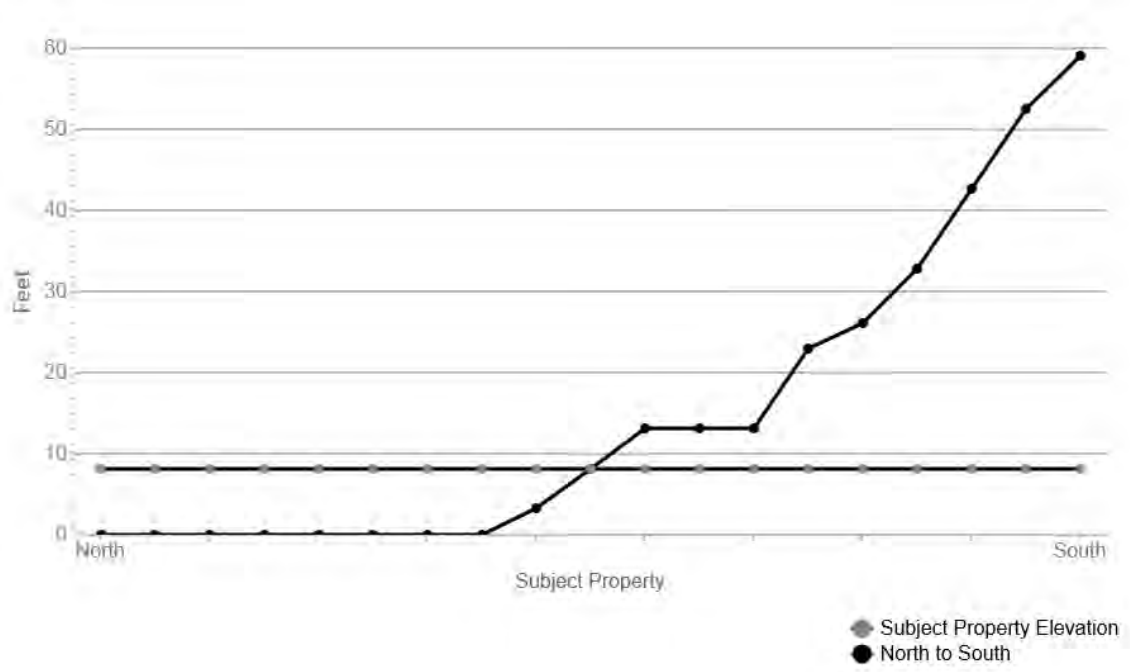
NATIONAL WETLAND INVENTORY:

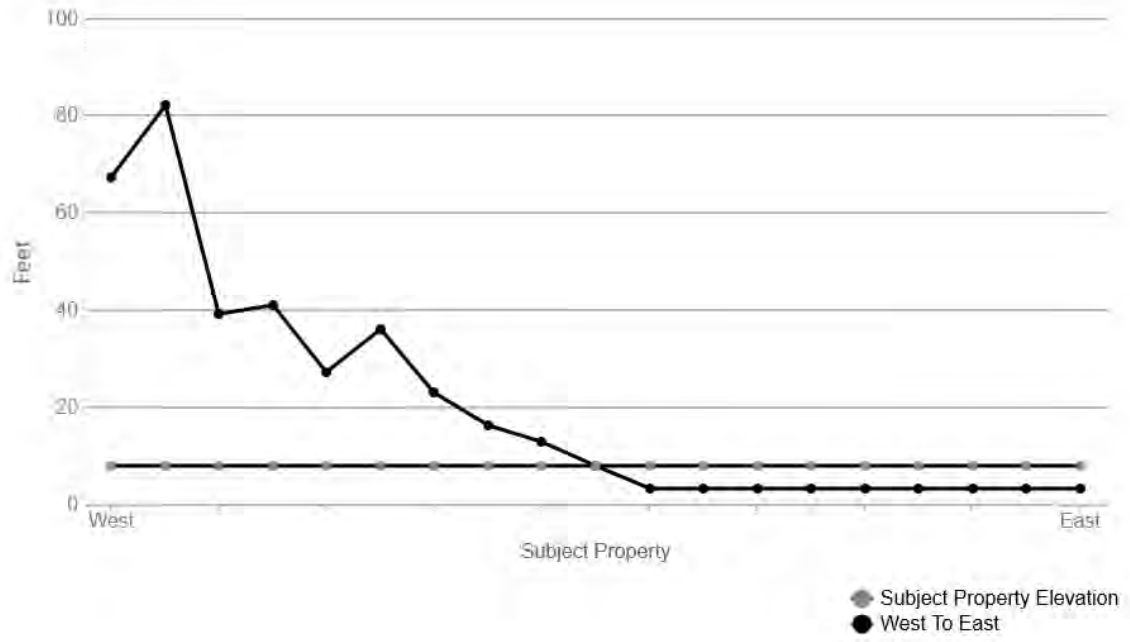
	NWI Electronic
NWI Quad at Subject Property:	Data Coverage:
Wailuku	Yes - refer to the Geological Findings Map

LITHOSTRATIGRAPHIC INFORMATION:

ROCK STRATIGRAPHIC UNIT:		GEOLOGIC AGE IDENTIFICATION
Era:	No available data	Category: No available data
System:	No available data	
Series:	No available data	
Code:	No available data	

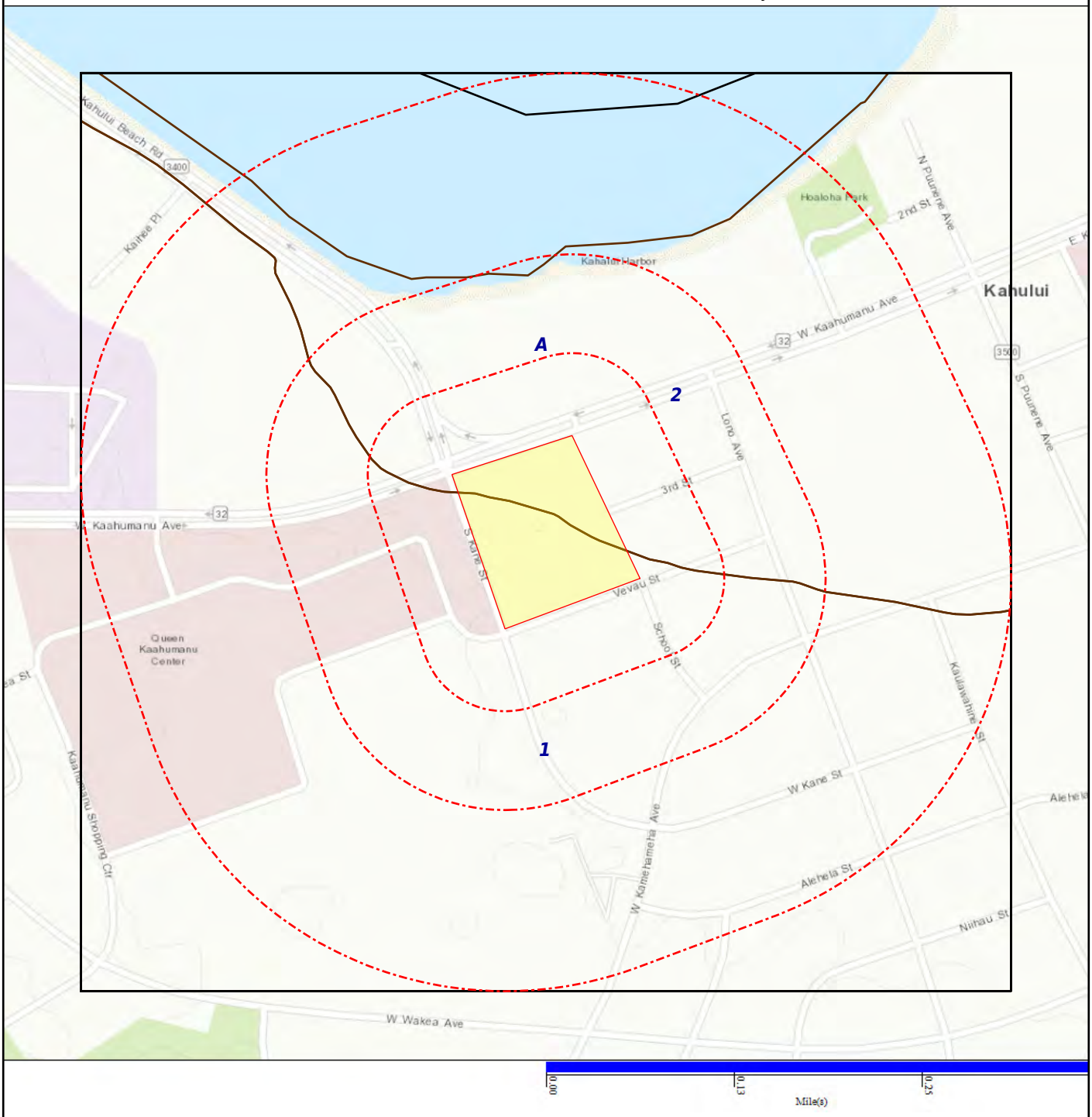
SURROUNDING ELEVATION PROFILES:





SUBJECT NAME: Kahului Site
ADDRESS: 153 West Kaahumanu Avenue, Kahului, Hawaii
LAT/LONG: 20.888683 / -156.471823

PREPARED FOR: ENPRO Environmental
ORDER #: 27336
REPORT DATE: February 20, 2019



SOIL COMPOSITION IN GENERAL AREA OF SUBJECT PROPERTY:

Agency source: Soil Conservation Service, US Department of Agriculture

SOIL MAP ID 1

USDA Soil Name	Puuone,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	A
Soil Drainage Class	Somewhat excessively drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-51	Sand	Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	42.34-141	7.9-8.4
2	51-102		Granular materials (35% or less passing No. 200), fine sand. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4.23-14.11	8-8.5

SOIL MAP ID 2

USDA Soil Name	Fill land,Taxon above family
USDA Soil Texture	Silty clay loam
Hydrologic Soil Group	B
Soil Drainage Class	Well drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	Low

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-30	Silty clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is 50% or more), Organic Clay or Organic Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	6.1-7.3
2	30-76	Silty clay loam	Silt-Clay materials (more than 35% passing No. 200), clayey soils. Reference: This is a classification of soil material for highway and airfield construction (Procedure M 145-73 in Am. Assoc. of State Highway and Transportation Officials, 1984.	FINE-GRAINED SOILS, Silts and clays, (liquid limit is 50% or more), Organic Clay or Organic Silt. Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the <75 mm, the liquid limit, and the plasticity index and on whether the soil material is high in organic matter (ASTM test D 2487, in ASTM, 1984).	4-14	6.1-7.3
3	76-152	Sand	No data	No data	42-141	5-5.9
4	152-162		No data	No data	0.02-0.42	No data

SOIL MAP ID A

USDA Soil Name	Puuone,Series
USDA Soil Texture	Sand
Hydrologic Soil Group	C
Soil Drainage Class	Somewhat excessively drained
Hydric Classification	0
Corrosion Potential - Uncoated Steel	High

Layer	Depth (inches)	Soil Texture	AASHTO Group	Unified Soil Description	Saturated Hydraulic Conductivity micro m/sec	Soil Reaction pH
1	0-51	Sand	No data	No data	42.343-141.1433	7.9-8.4
2	51-102		No data	No data	14.1143-42.343	No data

WATER AGENCY DATA:

WATER AGENCY SEARCH DISTANCES:

DATABASE:	SEARCH DISTANCE (MILES):
NWIS	1.000
PWS	1.000

DISTANCE TO NEAREST:	DISTANCE:
NWIS	0.031 mi / 162 ft
PWS	0.702 mi / 3704 ft

FEDERAL WATER AGENCY DATA SUMMARY:

MAP ID:	WELL ID:	LOCATION FROM SP:
1	205324156281901	< 1/8 Mile N
2	205331156283501	< 1/8 Mile W
3	205323156283101	< 1/8 Mile SSW
A4	205323156283401	< 1/8 Mile SW
B5	205325156282001	< 1/8 Mile ESE
6	205310156281701	< 1/8 Mile S
A7	205311156282501	1/8 - 1/4 Mile SW
B8	205323156282101	1/8 - 1/4 Mile SE
9	205320156282401	1/8 - 1/4 Mile SSE
10	205318156283301	1/8 - 1/4 Mile SSW
11	205326156281501	1/8 - 1/4 Mile ESE
12	205320156284001	1/8 - 1/4 Mile SW
13	205316156282501	1/8 - 1/4 Mile SSE
14	205315156283401	1/8 - 1/4 Mile SSW
C15	205313156282901	1/4 - 1/2 Mile S
C16	205313156282701	1/4 - 1/2 Mile S
D17	205312156282101	1/4 - 1/2 Mile SSE
E18	205313156281801	1/4 - 1/2 Mile SSE
F19	205302156283201	1/4 - 1/2 Mile SW
F20	205302156283202	1/4 - 1/2 Mile SW
21	205314156281501	1/4 - 1/2 Mile SE
D22	205311156282201	1/4 - 1/2 Mile SSE
F23	205300156283201	1/4 - 1/2 Mile SW
F24	205300156283202	1/4 - 1/2 Mile SW
E25	205311156281801	1/4 - 1/2 Mile SSE
G26	205308156282501	1/4 - 1/2 Mile S
F27	205311156284303	1/4 - 1/2 Mile SW
F28	205311156284304	1/4 - 1/2 Mile SW
F29	205311156284301	1/4 - 1/2 Mile SW
F30	205311156284302	1/4 - 1/2 Mile SW
G31	205307156282301	1/4 - 1/2 Mile SSE
H32	205313156281001	1/4 - 1/2 Mile SE
H33	205312156281001	1/4 - 1/2 Mile SE
H34	205312156280801	1/4 - 1/2 Mile SE
I35	205306156281801	1/4 - 1/2 Mile SSE

FEDERAL WATER AGENCY DATA SUMMARY: *(cont.)*

MAP ID:	WELL ID:	LOCATION FROM SP:
36	205317156280301	1/4 - 1/2 Mile ESE
J37	205309156281101	1/4 - 1/2 Mile SE
K38	205304156282301	1/4 - 1/2 Mile SSE
39	205320156280101	1/4 - 1/2 Mile ESE
I40	205306156281601	1/4 - 1/2 Mile SSE
I41	205305156281701	1/4 - 1/2 Mile SSE
42	205316156285501	1/4 - 1/2 Mile WSW
I43	205304156281801	1/4 - 1/2 Mile SSE
J44	205308156280901	1/4 - 1/2 Mile SE
K45	205302156282301	1/2 - 1 Mile S
I46	205305156281401	1/2 - 1 Mile SSE
L47	205310156285001	1/2 - 1 Mile SW
48	205303156284301	1/2 - 1 Mile SSW
L49	205310156285401	1/2 - 1 Mile SW
M50	205310156280301	1/2 - 1 Mile SE
N51	205307156280601	1/2 - 1 Mile SE
L52	205310156285002	1/2 - 1 Mile SW
N53	205305156280801	1/2 - 1 Mile SE
L54	205307156285301	1/2 - 1 Mile SW
M55	205308156280301	1/2 - 1 Mile SE
56	205301156281301	1/2 - 1 Mile SSE
O57	205258156282001	1/2 - 1 Mile SSE
O59	205257156282201	1/2 - 1 Mile S
P60	205301156280901	1/2 - 1 Mile SSE
61	205313156290101	1/2 - 1 Mile WSW
63	205255156282501	1/2 - 1 Mile S
Q64	205257156284401	1/2 - 1 Mile SSW
65	205303156285401	1/2 - 1 Mile SW
R66	205305156280101	1/2 - 1 Mile SE
P67	205259156281001	1/2 - 1 Mile SSE
68	205259156284901	1/2 - 1 Mile SSW
Q69	205255156284201	1/2 - 1 Mile SSW
71	205309156290201	1/2 - 1 Mile WSW
R72	205303156275901	1/2 - 1 Mile SE
73	205303156285901	1/2 - 1 Mile SW
74	205313156290601	1/2 - 1 Mile WSW
75	205330156291101	1/2 - 1 Mile W
S76	HI0000209	1/2 - 1 Mile E
S77	HI0000251	1/2 - 1 Mile E
T78	205254156281201	1/2 - 1 Mile SSE
79	205259156280101	1/2 - 1 Mile SE
80	205310156290601	1/2 - 1 Mile WSW
T81	205254156280901	1/2 - 1 Mile SSE
T82	205253156281101	1/2 - 1 Mile SSE
83	205249156283701	1/2 - 1 Mile S
T85	205254156280601	1/2 - 1 Mile SSE
V86	205337156290101	1/2 - 1 Mile WNW
87	205303156290401	1/2 - 1 Mile SW
88	205311156274701	1/2 - 1 Mile ESE
89	205250156281101	1/2 - 1 Mile SSE
U90	205401156275403	1/2 - 1 Mile NE
U91	205401156275402	1/2 - 1 Mile NE
U92	205401156275405	1/2 - 1 Mile NE
U93	205401156275404	1/2 - 1 Mile NE
U94	205401156275407	1/2 - 1 Mile NE
U95	205401156275406	1/2 - 1 Mile NE
U96	205401156275401	1/2 - 1 Mile NE
V97	205351156291201	1/2 - 1 Mile WNW
W98	205257156275201	1/2 - 1 Mile SE
99	205323156291001	1/2 - 1 Mile W
W101	205259156274901	1/2 - 1 Mile SE
W102	205257156275101	1/2 - 1 Mile SE
103	205330156291001	1/2 - 1 Mile WNW

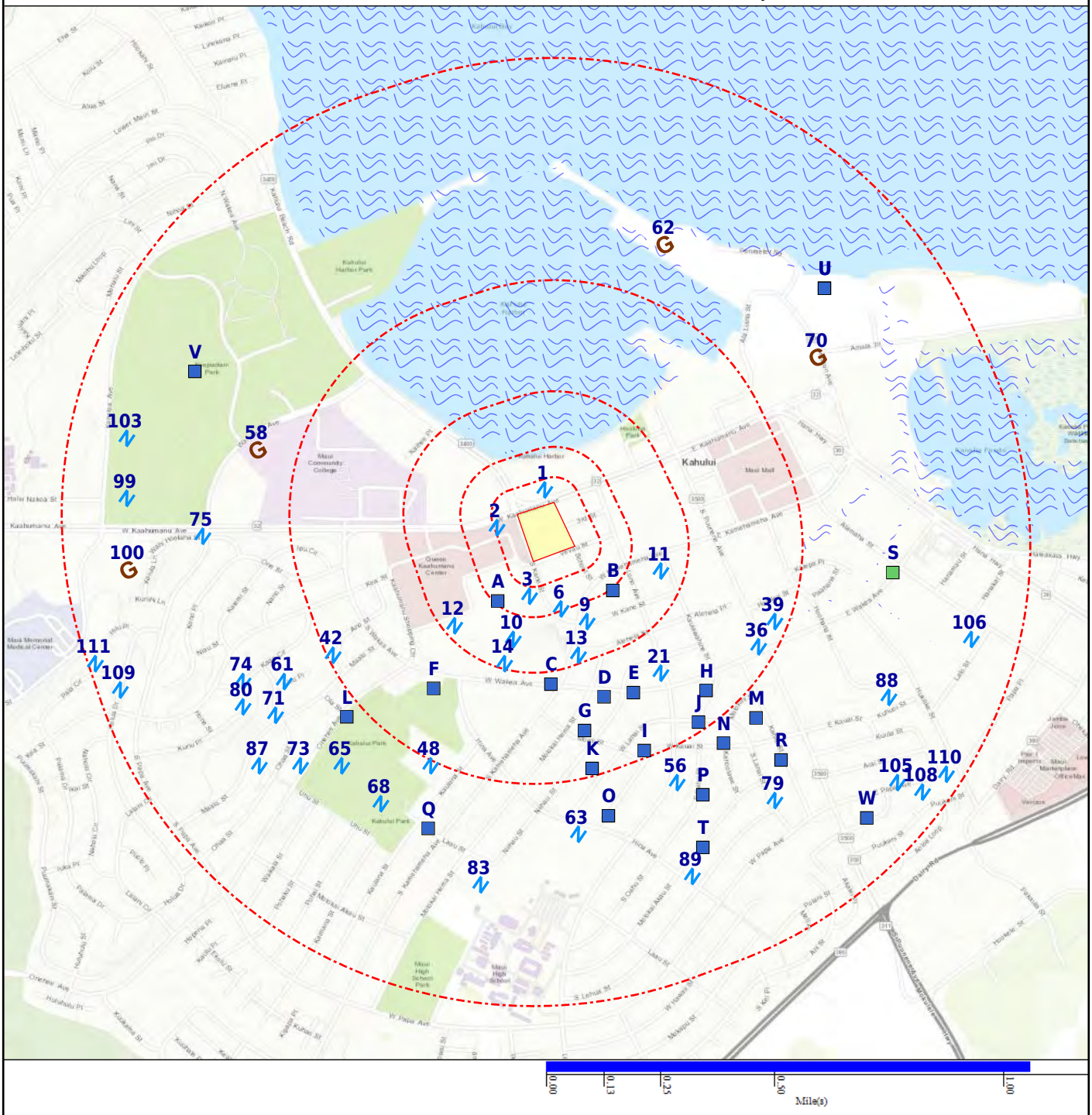
FEDERAL WATER AGENCY DATA SUMMARY: *(cont.)*

MAP ID:	WELL ID:	LOCATION FROM SP:
W104	205258156274901	1/2 - 1 Mile SE
105	205301156274601	1/2 - 1 Mile SE
106	205318156273701	1/2 - 1 Mile ESE
W107	205256156274801	1/2 - 1 Mile SE
108	205300156274301	1/2 - 1 Mile SE
109	205312156292101	1/2 - 1 Mile WSW
110	205302156274001	1/2 - 1 Mile ESE
111	205315156292401	1/2 - 1 Mile WSW

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

SUBJECT NAME: Kahului Site
ADDRESS: 153 West Kaahumanu Avenue, Kahului, Hawaii
LAT/LONG: 20.888683 / -156.471823

PREPARED FOR: ENPRO Environmental
ORDER #: 27336
REPORT DATE: February 20, 2019



Map Id: 1
Direction: N
Distance: 0.031 mi.
Actual: 161.953 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 205324156281901
20.89000000, -156.47194440
HI

Database(s) : [NWIS]

Envirosite ID: 404013081
EPA ID: N/R

NWIS

Site Identification Number :	205324156281901
Site Type :	Well
Station Name :	6-5328-52 Kahului MBH, Maui, HI
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	3
Method Altitude Determined :	Interpolated from Digital Elevation Model
Altitude Accuracy :	1
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	Y Y
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	75
Hole Depth :	N/R
Source of Depth Data :	A
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	06/25/1998
Field Water-Level Data End Date :	06/25/1998
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	20.89000000
Longitude :	-156.47194440
Last Date in Agency List :	11/23/2018

Map Id: 2
Direction: W
Distance: 0.058 mi.
Actual: 308.249 ft.
Elevation: 0.002 mi. / 13.123 ft.
Relative: Higher

Site Name : 205331156283501
20.88873573, -156.47356800
HI

Database(s) : [NWIS]

Envirosite ID: 404013152
EPA ID: N/R

NWIS

Site Identification Number :	205331156283501
Site Type :	Well
Station Name :	6-5328.01 -02/W20D
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	20.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1926
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	300
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88873573
Longitude :	-156.47356800
Last Date in Agency List :	11/23/2018

Map Id: 3
Direction: SSW
Distance: 0.084 mi.
Actual: 441.231 ft.
Elevation: 0.003 mi. / 16.404 ft.
Relative: Higher

Site Name : 205323156283101
20.88651370, -156.47245690
HI

Database(s) : [NWIS]

Envirosite ID: 404428246
EPA ID: N/R

NWIS

Site Identification Number :	205323156283101
Site Type :	Well
Station Name :	6-5328-26 W20A
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	30.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1954
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	214
Hole Depth :	300
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88651370
Longitude :	-156.47245690
Last Date in Agency List :	11/23/2018

Map Id: A4
Direction: SW
Distance: 0.106 mi.
Actual: 561.835 ft.
Elevation: 0.004 mi. / 19.685 ft.
Relative: Higher

Site Name : 205323156283401
20.88651370, -156.47329020
HI

Database(s) : [NWIS]

Envirosite ID: 404003142
EPA ID: N/R

NWIS

Site Identification Number :	205323156283401
Site Type :	Well
Station Name :	6-5328-28 W20C
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	30.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1958
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	312
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88651370
Longitude :	-156.47329020
Last Date in Agency List :	11/23/2018

Map Id: B5
Direction: ESE
Distance: 0.122 mi.
Actual: 646.028 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 205325156282001
20.88706920, -156.46940140
HI

Database(s) : [NWIS]

Envirosite ID: 404003146
EPA ID: N/R

NWIS

Site Identification Number :	205325156282001
Site Type :	Well
Station Name :	6-5328-10 W20-40
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	20.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88706920
Longitude :	-156.46940140
Last Date in Agency List :	11/23/2018

Map Id: 6
Direction: S
Distance: 0.123 mi.
Actual: 648.560 ft.
Elevation: 0.002 mi. / 13.091 ft.
Relative: Higher

Site Name : 205310156281701
20.88611110, -156.47138890
HI

Database(s) : [NWIS]

Envirosite ID: 404003135
EPA ID: N/R

NWIS

Site Identification Number :	205310156281701
Site Type :	Well
Station Name :	6-5328-51 Akahi, Maui, HI
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	30
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	1
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	Y
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88611110
Longitude :	-156.47138890
Last Date in Agency List :	11/23/2018

Map Id: A7
Direction: SW
Distance: 0.127 mi.
Actual: 668.524 ft.
Elevation: 0.004 mi. / 22.966 ft.
Relative: Higher

Site Name : 205311156282501
20.88638889, -156.47361100
HI

Database(s) : [NWIS]

Envirosite ID: 404012667
EPA ID: N/R

NWIS

Site Identification Number :	205311156282501
Site Type :	Well
Station Name :	6-5328-02 Cannery, Maui, HI
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	20
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	1
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	N/R
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	300
Hole Depth :	N/R
Source of Depth Data :	A
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88638889
Longitude :	-156.47361100
Last Date in Agency List :	11/23/2018

Map Id: B8
Direction: SE
Distance: 0.139 mi.
Actual: 736.301 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 205323156282101
20.88651370, -156.46967920
HI

Database(s) : [NWIS]

Envirosite ID: 404016131
EPA ID: N/R

NWIS

Site Identification Number :	205323156282101
Site Type :	Well
Station Name :	6-5328-09 W20-39
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	20.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88651370
Longitude :	-156.46967920
Last Date in Agency List :	11/23/2018

Map Id: 9
Direction: SSE
Distance: 0.171 mi.
Actual: 901.696 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : 205320156282401
20.88568044, -156.47051250
HI

Database(s) : [NWIS]

Envirosite ID: 403989379
EPA ID: N/R

NWIS

Site Identification Number :	205320156282401
Site Type :	Well
Station Name :	6-5328-08 W20-38
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	20.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	20.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88568044
Longitude :	-156.47051250
Last Date in Agency List :	11/23/2018

Map Id: 10
Direction: SSW
Distance: 0.185 mi.
Actual: 975.334 ft.
Elevation: 0.004 mi. / 19.596 ft.
Relative: Higher

Site Name : 205318156283301
20.88512494, -156.47301240
HI

Database(s) : [NWIS]

Envirosite ID: 403979921
EPA ID: N/R

NWIS

Site Identification Number :	205318156283301
Site Type :	Well
Station Name :	6-5328-27 W20B
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	30.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1958
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	317
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88512494
Longitude :	-156.47301240
Last Date in Agency List :	11/23/2018

Map Id: 11
Direction: ESE
Distance: 0.193 mi.
Actual: 1017.507 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 205326156281501
20.88734696, -156.46801260
HI

Database(s) : [NWIS]

Envirosite ID: 403989420
EPA ID: N/R

NWIS

Site Identification Number :	205326156281501
Site Type :	Well
Station Name :	6-5328-17 W20-81
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	20.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88734696
Longitude :	-156.46801260
Last Date in Agency List :	11/23/2018

Map Id: 12
Direction: SW
Distance: 0.232 mi.
Actual: 1222.662 ft.
Elevation: 0.006 mi. / 32.343 ft.
Relative: Higher

Site Name : 205320156284001
20.88555556, -156.47500000
HI

Database(s) : [NWIS]

Envirosite ID: 403992424
EPA ID: N/R

NWIS

Site Identification Number :	205320156284001
Site Type :	Well
Station Name :	6-5328-01 Cannery Shaft (S13), Maui, HI
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	24
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1926
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	28.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	05/17/2005
Field Water-Level Data End Date :	05/17/2005
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	20.88555556
Longitude :	-156.47500000
Last Date in Agency List :	11/23/2018

Map Id: 13
Direction: SSE
Distance: 0.236 mi.
Actual: 1244.598 ft.
Elevation: 0.002 mi. / 9.961 ft.
Relative: Higher

Site Name : 205316156282501
20.88456943, -156.47079030
HI

Database(s) : [NWIS]

Envirosite ID: 404013080
EPA ID: N/R

NWIS

Site Identification Number :	205316156282501
Site Type :	Well
Station Name :	6-5328-07 W20-37
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	20.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	20.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88456943
Longitude :	-156.47079030
Last Date in Agency List :	11/23/2018

Map Id: 14
Direction: SSW
Distance: 0.245 mi.
Actual: 1292.380 ft.
Elevation: 0.002 mi. / 11.499 ft.
Relative: Higher

Site Name : 205315156283401
20.88429168, -156.47329020
HI

Database(s) : [NWIS]

Envirosite ID: 404007770
EPA ID: N/R

NWIS

Site Identification Number :	205315156283401
Site Type :	Well
Station Name :	6-5328-48 KAHULUI
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	44
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	20
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	05/21/1979
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	80
Hole Depth :	N/R
Source of Depth Data :	D
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	05/21/1979
Field Water-Level Data End Date :	05/21/1979
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	20.88429168
Longitude :	-156.47329020
Last Date in Agency List :	11/23/2018

Map Id: C15
Direction: S
Distance: 0.275 mi.
Actual: 1449.399 ft.
Elevation: 0.003 mi. / 16.404 ft.
Relative: Higher

Site Name : 205313156282901
20.88373617, -156.47190140
HI

Database(s) : [NWIS]

Envirosite ID: 403992408
EPA ID: N/R

NWIS

Site Identification Number :	205313156282901
Site Type :	Well
Station Name :	6-5328-06 W20-35
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	30.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88373617
Longitude :	-156.47190140
Last Date in Agency List :	11/23/2018

Map Id: C16
Direction: S
Distance: 0.280 mi.
Actual: 1477.145 ft.
Elevation: 0.003 mi. / 16.404 ft.
Relative: Higher

Site Name : 205313156282701
20.88373617, -156.47134580
HI

Database(s) : [NWIS]

Envirosite ID: 404016056
EPA ID: N/R

NWIS

Site Identification Number :	205313156282701
Site Type :	Well
Station Name :	6-5328-29 W20-36
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	30.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1960
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88373617
Longitude :	-156.47134580
Last Date in Agency List :	11/23/2018

Map Id: D17
Direction: SSE
Distance: 0.333 mi.
Actual: 1757.177 ft.
Elevation: 0.003 mi. / 16.404 ft.
Relative: Higher

Site Name : 205312156282101
20.88345840, -156.46967920
HI

Database(s) : [NWIS]

Envirosite ID: 405386159
EPA ID: N/R

NWIS

Site Identification Number :	205312156282101
Site Type :	Well
Station Name :	6-5328-11 W20-44
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	30.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	06/02/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	30.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88345840
Longitude :	-156.46967920
Last Date in Agency List :	11/23/2018

Map Id: E18
Direction: SSE
Distance: 0.334 mi.
Actual: 1765.601 ft.
Elevation: 0.002 mi. / 13.123 ft.
Relative: Higher

Site Name : 205313156281801
20.88373617, -156.46884590
HI

Database(s) : [NWIS]

Envirosite ID: 403979918
EPA ID: N/R

NWIS

Site Identification Number :	205313156281801
Site Type :	Well
Station Name :	6-5328-30 W20-50
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	30.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	40.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88373617
Longitude :	-156.46884590
Last Date in Agency List :	11/23/2018

Map Id: F19
Direction: SW
Distance: 0.339 mi.
Actual: 1789.472 ft.
Elevation: 0.004 mi. / 23.648 ft.
Relative: Higher

Site Name : 205302156283201
20.88388889, -156.47555560
HI

Database(s) : [NWIS]

Envirosite ID: 404012634
EPA ID: N/R

NWIS

Site Identification Number :	205302156283201
Site Type :	Well
Station Name :	6-5328-43 Kahului, Maui, HI
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	20
Method Altitude Determined :	Interpolated from Digital Elevation Model
Altitude Accuracy :	10
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	Y
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	283
Hole Depth :	N/R
Source of Depth Data :	A
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88388889
Longitude :	-156.47555560
Last Date in Agency List :	11/23/2018

Map Id: F20
Direction: SW
Distance: 0.339 mi.
Actual: 1789.472 ft.
Elevation: 0.004 mi. / 23.648 ft.
Relative: Higher

Site Name : 205302156283202
20.88388889, -156.47555560
HI

Database(s) : [NWIS]

Envirosite ID: 404012635
EPA ID: N/R

NWIS

Site Identification Number :	205302156283202
Site Type :	Well
Station Name :	6-5328-45 Kahului, Maui, HI
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	20
Method Altitude Determined :	Interpolated from Digital Elevation Model
Altitude Accuracy :	10
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	Y
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	282
Hole Depth :	N/R
Source of Depth Data :	A
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88388889
Longitude :	-156.47555560
Last Date in Agency List :	11/23/2018

Map Id: 21
Direction: SE
Distance: 0.342 mi.
Actual: 1807.810 ft.
Elevation: 0.002 mi. / 13.123 ft.
Relative: Higher

Site Name : 205314156281501
20.88401390, -156.46801260
HI

Database(s) : [NWIS]

Envirosite ID: 404016117
EPA ID: N/R

NWIS

Site Identification Number :	205314156281501
Site Type :	Well
Station Name :	6-5328-15 W20-51
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88401390
Longitude :	-156.46801260
Last Date in Agency List :	11/23/2018

Map Id: D22
Direction: SSE
Distance: 0.344 mi.
Actual: 1817.445 ft.
Elevation: 0.003 mi. / 16.404 ft.
Relative: Higher

Site Name : 205311156282201
20.88318066, -156.46995700
HI

Database(s) : [NWIS]

Envirosite ID: 403994556
EPA ID: N/R

NWIS

Site Identification Number :	205311156282201
Site Type :	Well
Station Name :	6-5328-25 W20-43
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	30.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1953
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	30.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88318066
Longitude :	-156.46995700
Last Date in Agency List :	11/23/2018

Map Id: F23
Direction: SW
Distance: 0.369 mi.
Actual: 1950.269 ft.
Elevation: 0.003 mi. / 13.543 ft.
Relative: Higher

Site Name : 205300156283201
20.88333333, -156.47555560
HI

Database(s) : [NWIS]

Envirosite ID: 403979902
EPA ID: N/R

NWIS

Site Identification Number :	205300156283201
Site Type :	Well
Station Name :	6-5328-46 Kahului, Maui, HI
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	15
Method Altitude Determined :	Interpolated from Digital Elevation Model
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	Y
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	282
Hole Depth :	N/R
Source of Depth Data :	A
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88333333
Longitude :	-156.47555560
Last Date in Agency List :	11/23/2018

Map Id: F24
Direction: SW
Distance: 0.369 mi.
Actual: 1950.269 ft.
Elevation: 0.003 mi. / 13.543 ft.
Relative: Higher

Site Name : 205300156283202
20.88333333, -156.47555560
HI

Database(s) : [NWIS]

Envirosite ID: 403994487
EPA ID: N/R

NWIS

Site Identification Number :	205300156283202
Site Type :	Well
Station Name :	6-5328-47 Kahului, Maui, HI
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	15
Method Altitude Determined :	Interpolated from Digital Elevation Model
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	Y
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	280
Hole Depth :	N/R
Source of Depth Data :	A
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88333333
Longitude :	-156.47555560
Last Date in Agency List :	11/23/2018

Map Id: E25
Direction: SSE
Distance: 0.370 mi.
Actual: 1953.178 ft.
Elevation: 0.003 mi. / 16.404 ft.
Relative: Higher

Site Name : 205311156281801
20.88318066, -156.46884590
HI

Database(s) : [NWIS]

Envirosite ID: 404006260
EPA ID: N/R

NWIS

Site Identification Number :	205311156281801
Site Type :	Well
Station Name :	6-5328-14 W20-49
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	30.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88318066
Longitude :	-156.46884590
Last Date in Agency List :	11/23/2018

Map Id: G26
Direction: S
Distance: 0.381 mi.
Actual: 2011.693 ft.
Elevation: 0.004 mi. / 21.654 ft.
Relative: Higher

Site Name : 205308156282501
20.88234740, -156.47079030
HI

Database(s) : [NWIS]

Envirosite ID: 404012655
EPA ID: N/R

NWIS

Site Identification Number :	205308156282501
Site Type :	Well
Station Name :	6-5328-41 W20-41
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	20
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1963
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	70
Hole Depth :	N/R
Source of Depth Data :	D
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88234740
Longitude :	-156.47079030
Last Date in Agency List :	11/23/2018

Map Id: F27
Direction: SW
Distance: 0.387 mi.
Actual: 2042.057 ft.
Elevation: 0.003 mi. / 17.008 ft.
Relative: Higher

Site Name : 205311156284303
20.88318068, -156.47579000
HI

Database(s) : [NWIS]

Envirosite ID: 404010224
EPA ID: N/R

NWIS

Site Identification Number :	205311156284303
Site Type :	Groundwater drain
Station Name :	6-5328.08B -46
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	6.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Local depression
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	03/23/1971
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	282
Hole Depth :	282
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88318068
Longitude :	-156.47579000
Last Date in Agency List :	11/23/2018

Map Id: F28
Direction: SW
Distance: 0.387 mi.
Actual: 2042.057 ft.
Elevation: 0.003 mi. / 17.008 ft.
Relative: Higher

Site Name : 205311156284304
20.88318068, -156.47579000
HI

Database(s) : [NWIS]

Envirosite ID: 404012669
EPA ID: N/R

NWIS

Site Identification Number :	205311156284304
Site Type :	Groundwater drain
Station Name :	6-5328.08C -47
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	6.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Local depression
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	06/29/1971
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	280
Hole Depth :	280
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88318068
Longitude :	-156.47579000
Last Date in Agency List :	11/23/2018

Map Id: F29
Direction: SW
Distance: 0.387 mi.
Actual: 2042.057 ft.
Elevation: 0.003 mi. / 17.008 ft.
Relative: Higher

Site Name : 205311156284301
20.88318068, -156.47579000
HI

Database(s) : [NWIS]

Envirosite ID: 404013030
EPA ID: N/R

NWIS

Site Identification Number :	205311156284301
Site Type :	Groundwater drain
Station Name :	6-5328.06 -43/W20-31
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	6.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Local depression
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	05/20/1970
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNYNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	250
Hole Depth :	250
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	05/20/1970
Field Water-Level Data End Date :	05/20/1970
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	20.88318068
Longitude :	-156.47579000
Last Date in Agency List :	11/23/2018

Map Id: F30
Direction: SW
Distance: 0.387 mi.
Actual: 2042.057 ft.
Elevation: 0.003 mi. / 17.008 ft.
Relative: Higher

Site Name : 205311156284302
20.88318068, -156.47579000
HI

Database(s) : [NWIS]

Envirosite ID: 404013034
EPA ID: N/R

NWIS

Site Identification Number :	205311156284302
Site Type :	Groundwater drain
Station Name :	6-5328.08A -45
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	6.00
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Local depression
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/11/1971
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYNNNYNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	282
Hole Depth :	282
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	05/08/1978
Water-Quality Data End Date :	08/14/1978
Water-Quality Data Count :	11
Field Water-Level Data Begin Date :	02/24/1978
Field Water-Level Data End Date :	02/24/1978
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	20.88318068
Longitude :	-156.47579000
Last Date in Agency List :	11/23/2018

Map Id: G31
Direction: SSE
Distance: 0.410 mi.
Actual: 2162.261 ft.
Elevation: 0.004 mi. / 22.966 ft.
Relative: Higher

Site Name : 205307156282301
20.88206965, -156.47023480
HI

Database(s) : [NWIS]

Envirosite ID: 403978827
EPA ID: N/R

NWIS

Site Identification Number :	205307156282301
Site Type :	Well
Station Name :	6-5328-38 W20-42
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	20
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1963
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	46
Hole Depth :	N/R
Source of Depth Data :	D
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88206965
Longitude :	-156.47023480
Last Date in Agency List :	11/23/2018

Map Id: H32
Direction: SE
Distance: 0.412 mi.
Actual: 2174.437 ft.
Elevation: 0.002 mi. / 13.123 ft.
Relative: Higher

Site Name : 205313156281001
20.88373616, -156.46662380
HI

Database(s) : [NWIS]

Envirosite ID: 405386160
EPA ID: N/R

NWIS

Site Identification Number :	205313156281001
Site Type :	Well
Station Name :	6-5328-19 W20-84
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	30.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	70.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88373616
Longitude :	-156.46662380
Last Date in Agency List :	11/23/2018

Map Id: H33
Direction: SE
Distance: 0.426 mi.
Actual: 2250.987 ft.
Elevation: 0.003 mi. / 16.404 ft.
Relative: Higher

Site Name : 205312156281001
20.88345840, -156.46662380
HI

Database(s) : [NWIS]

Envirosite ID: 403994561
EPA ID: N/R

NWIS

Site Identification Number :	205312156281001
Site Type :	Well
Station Name :	6-5328-18 W20-83
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88345840
Longitude :	-156.46662380
Last Date in Agency List :	11/23/2018

Map Id: H34
Direction: SE
Distance: 0.450 mi.
Actual: 2376.877 ft.
Elevation: 0.003 mi. / 16.404 ft.
Relative: Higher

Site Name : 205312156280801
20.88345840, -156.46606820
HI

Database(s) : [NWIS]

Envirosite ID: 405386158
EPA ID: N/R

NWIS

Site Identification Number :	205312156280801
Site Type :	Well
Station Name :	6-5328-21 W20-92
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	30.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88345840
Longitude :	-156.46606820
Last Date in Agency List :	11/23/2018

Map Id: I35
Direction: SSE
Distance: 0.459 mi.
Actual: 2424.230 ft.
Elevation: 0.004 mi. / 22.966 ft.
Relative: Higher

Site Name : 205306156281801
20.88179189, -156.46884590
HI

Database(s) : [NWIS]

Envirosite ID: 403989320
EPA ID: N/R

NWIS

Site Identification Number :	205306156281801
Site Type :	Well
Station Name :	6-5328-33 W20-53
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	59.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88179189
Longitude :	-156.46884590
Last Date in Agency List :	11/23/2018

Map Id: 36
Direction: ESE
Distance: 0.461 mi.
Actual: 2435.219 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

Site Name : 205317156280301
20.88484717, -156.46467940
HI

Database(s) : [NWIS]

Envirosite ID: 404006372
EPA ID: N/R

NWIS

Site Identification Number :	205317156280301
Site Type :	Well
Station Name :	6-5328.07 -44/20-102
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	03/01/1969
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88484717
Longitude :	-156.46467940
Last Date in Agency List :	11/23/2018

Map Id: J37
Direction: SE
Distance: 0.462 mi.
Actual: 2437.422 ft.
Elevation: 0.004 mi. / 19.685 ft.
Relative: Higher

Site Name : 205309156281101
20.88262515, -156.46690160
HI

Database(s) : [NWIS]

Envirosite ID: 403994547
EPA ID: N/R

NWIS

Site Identification Number :	205309156281101
Site Type :	Well
Station Name :	6-5328-40 W20-82
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	20
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1963
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	61
Hole Depth :	N/R
Source of Depth Data :	D
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88262515
Longitude :	-156.46690160
Last Date in Agency List :	11/23/2018

Map Id: K38
Direction: SSE
Distance: 0.464 mi.
Actual: 2451.091 ft.
Elevation: 0.005 mi. / 26.247 ft.
Relative: Higher

Site Name : 205304156282301
20.88123639, -156.47023480
HI

Database(s) : [NWIS]

Envirosite ID: 405386154
EPA ID: N/R

NWIS

Site Identification Number :	205304156282301
Site Type :	Well
Station Name :	6-5328-12 W20-45
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88123639
Longitude :	-156.47023480
Last Date in Agency List :	11/23/2018

Map Id: 39
Direction: ESE
Distance: 0.468 mi.
Actual: 2472.785 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 205320156280101
20.88568043, -156.46412390
HI

Database(s) : [NWIS]

Envirosite ID: 403992419
EPA ID: N/R

NWIS

Site Identification Number :	205320156280101
Site Type :	Test hole not completed as a well
Station Name :	6-5328-24 T106
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	6.6
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	1
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1936
Date Site Established or Inventoried:	09/05/1989
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNYNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	157
Hole Depth :	157.
Source of Depth Data :	A
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	05/07/1936
Field Water-Level Data End Date :	05/07/1936
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	20.88568043
Longitude :	-156.46412390
Last Date in Agency List :	11/23/2018

Map Id: I40
Direction: SSE
Distance: 0.472 mi.
Actual: 2492.090 ft.
Elevation: 0.004 mi. / 22.966 ft.
Relative: Higher

Site Name : 205306156281601
20.88179189, -156.46829040
HI

Database(s) : [NWIS]

Envirosite ID: 403989314
EPA ID: N/R

NWIS

Site Identification Number :	205306156281601
Site Type :	Well
Station Name :	6-5328-16 W20-54
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88179189
Longitude :	-156.46829040
Last Date in Agency List :	11/23/2018

Map Id: I41
Direction: SSE
Distance: 0.483 mi.
Actual: 2552.363 ft.
Elevation: 0.005 mi. / 26.247 ft.
Relative: Higher

Site Name : 205305156281701
20.88151414, -156.46856820
HI

Database(s) : [NWIS]

Envirosite ID: 404016051
EPA ID: N/R

NWIS

Site Identification Number :	205305156281701
Site Type :	Groundwater drain
Station Name :	6-5328.05 -42/W20-58
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	29.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	04/01/1969
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	83.0
Hole Depth :	83.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88151414
Longitude :	-156.46856820
Last Date in Agency List :	11/23/2018

Map Id: 42
Direction: WSW
Distance: 0.494 mi.
Actual: 2609.199 ft.
Elevation: 0.015 mi. / 79.347 ft.
Relative: Higher

Site Name : 205316156285501
20.88456946, -156.47912330
HI

Database(s) : [NWIS]

Envirosite ID: 403989377
EPA ID: N/R

NWIS

Site Identification Number :	205316156285501
Site Type :	Groundwater drain
Station Name :	6-5328.02 -4/W20-20
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88456946
Longitude :	-156.47912330
Last Date in Agency List :	11/23/2018

Map Id: I43
Direction: SSE
Distance: 0.495 mi.
Actual: 2612.648 ft.
Elevation: 0.005 mi. / 26.247 ft.
Relative: Higher

Site Name : 205304156281801
20.88123639, -156.46884590
HI

Database(s) : [NWIS]

Envirosite ID: 403994509
EPA ID: N/R

NWIS

Site Identification Number :	205304156281801
Site Type :	Well
Station Name :	6-5328-31 W20-52
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	51.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88123639
Longitude :	-156.46884590
Last Date in Agency List :	11/23/2018

Map Id: J44
Direction: SE
Distance: 0.498 mi.
Actual: 2628.280 ft.
Elevation: 0.004 mi. / 22.631 ft.
Relative: Higher

Site Name : 205308156280901
20.88234739, -156.46634600
HI

Database(s) : [NWIS]

Envirosite ID: 405386156
EPA ID: N/R

NWIS

Site Identification Number :	205308156280901
Site Type :	Well
Station Name :	6-5328-20 W20-91
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88234739
Longitude :	-156.46634600
Last Date in Agency List :	11/23/2018

Map Id: K45
Direction: S
Distance: 0.501 mi.
Actual: 2645.366 ft.
Elevation: 0.006 mi. / 29.442 ft.
Relative: Higher

Site Name : 205302156282301
20.88068088, -156.47023480
HI

Database(s) : [NWIS]

Envirosite ID: 403979913
EPA ID: N/R

NWIS

Site Identification Number :	205302156282301
Site Type :	Well
Station Name :	6-5328-13 W20-46
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88068088
Longitude :	-156.47023480
Last Date in Agency List :	11/23/2018

Map Id: I46
Direction: SSE
Distance: 0.503 mi.
Actual: 2656.866 ft.
Elevation: 0.005 mi. / 26.247 ft.
Relative: Higher

Site Name : 205305156281401
20.88151414, -156.46773490
HI

Database(s) : [NWIS]

Envirosite ID: 404013000
EPA ID: N/R

NWIS

Site Identification Number :	205305156281401
Site Type :	Well
Station Name :	6-5328-34 W20-59
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	76.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88151414
Longitude :	-156.46773490
Last Date in Agency List :	11/23/2018

Map Id: L47
Direction: SW
Distance: 0.512 mi.
Actual: 2702.397 ft.
Elevation: 0.008 mi. / 43.599 ft.
Relative: Higher

Site Name : 205310156285001
20.88290294, -156.47829000
HI

Database(s) : [NWIS]

Envirosite ID: 404016054
EPA ID: N/R

NWIS

Site Identification Number :	205310156285001
Site Type :	Groundwater drain
Station Name :	6-5328.09A
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	51.30
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	05/01/1977
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNYNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	120
Hole Depth :	120
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	05/05/1977
Field Water-Level Data End Date :	05/05/1977
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	20.88290294
Longitude :	-156.47829000
Last Date in Agency List :	11/23/2018

Map Id: 48
Direction: SSW
Distance: 0.518 mi.
Actual: 2734.768 ft.
Elevation: 0.01 mi. / 51.06 ft.
Relative: Higher

Site Name : 205303156284301
20.88095866, -156.47579000
HI

Database(s) : [NWIS]

Envirosite ID: 404015887
EPA ID: N/R

NWIS

Site Identification Number :	205303156284301
Site Type :	Well
Station Name :	6-5327-11 W20-111
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	69.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1970
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	69.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88095866
Longitude :	-156.47579000
Last Date in Agency List :	11/23/2018

Map Id: L49
Direction: SW
Distance: 0.540 mi.
Actual: 2849.732 ft.
Elevation: 0.009 mi. / 47.913 ft.
Relative: Higher

Site Name : 205310156285401
20.88290294, -156.47884560
HI

Database(s) : [NWIS]

Envirosite ID: 404428149
EPA ID: N/R

NWIS

Site Identification Number :	205310156285401
Site Type :	Well
Station Name :	6-5328-05 W20-21
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	85.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88290294
Longitude :	-156.47884560
Last Date in Agency List :	11/23/2018

Map Id: M50
Direction: SE
Distance: 0.541 mi.
Actual: 2856.419 ft.
Elevation: 0.003 mi. / 16.404 ft.
Relative: Higher

Site Name : 205310156280301
20.88290289, -156.46467940
HI

Database(s) : [NWIS]

Envirosite ID: 403992398
EPA ID: N/R

NWIS

Site Identification Number :	205310156280301
Site Type :	Groundwater drain
Station Name :	6-5328.03 -22/W20-98
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	25.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	04/01/1969
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	97.0
Hole Depth :	97.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88290289
Longitude :	-156.46467940
Last Date in Agency List :	11/23/2018

Map Id: N51
Direction: SE
Distance: 0.546 mi.
Actual: 2881.515 ft.
Elevation: 0.004 mi. / 22.966 ft.
Relative: Higher

Site Name : 205307156280601
20.88206964, -156.46551270
HI

Database(s) : [NWIS]

Envirosite ID: 404006234
EPA ID: N/R

NWIS

Site Identification Number :	205307156280601
Site Type :	Well
Station Name :	6-5328-35 W20-95
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	20
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	71
Hole Depth :	N/R
Source of Depth Data :	D
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88206964
Longitude :	-156.46551270
Last Date in Agency List :	11/23/2018

Map Id: L52
Direction: SW
Distance: 0.551 mi.
Actual: 2906.678 ft.
Elevation: 0.011 mi. / 59.032 ft.
Relative: Higher

Site Name : 205310156285002
20.88234744, -156.47856780
HI

Database(s) : [NWIS]

Envirosite ID: 405386157
EPA ID: N/R

NWIS

Site Identification Number :	205310156285002
Site Type :	Groundwater drain
Station Name :	6-5328.09B
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	63.70
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	06/01/1977
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNYNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	126
Hole Depth :	126
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	06/14/1977
Field Water-Level Data End Date :	06/14/1977
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	20.88234744
Longitude :	-156.47856780
Last Date in Agency List :	11/23/2018

Map Id: N53
Direction: SE
Distance: 0.555 mi.
Actual: 2931.000 ft.
Elevation: 0.005 mi. / 26.247 ft.
Relative: Higher

Site Name : 205305156280801
20.88151413, -156.46606830
HI

Database(s) : [NWIS]

Envirosite ID: 404012648
EPA ID: N/R

NWIS

Site Identification Number :	205305156280801
Site Type :	Well
Station Name :	6-5328-32 W20-90
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	20
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	61
Hole Depth :	N/R
Source of Depth Data :	D
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88151413
Longitude :	-156.46606830
Last Date in Agency List :	11/23/2018

Map Id: L54
Direction: SW
Distance: 0.563 mi.
Actual: 2975.268 ft.
Elevation: 0.013 mi. / 70.331 ft.
Relative: Higher

Site Name : 205307156285301
20.88206969, -156.47856780
HI

Database(s) : [NWIS]

Envirosite ID: 404003056
EPA ID: N/R

NWIS

Site Identification Number :	205307156285301
Site Type :	Well
Station Name :	6-5327-09 W20-103
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	76.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88206969
Longitude :	-156.47856780
Last Date in Agency List :	11/23/2018

Map Id: M55
Direction: SE
Distance: 0.568 mi.
Actual: 2996.523 ft.
Elevation: 0.004 mi. / 19.685 ft.
Relative: Higher

Site Name : 205308156280301
20.88234739, -156.46467940
HI

Database(s) : [NWIS]

Envirosite ID: 405386155
EPA ID: N/R

NWIS

Site Identification Number :	205308156280301
Site Type :	Well
Station Name :	6-5328-39 W20-97
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	20
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1963
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	78
Hole Depth :	N/R
Source of Depth Data :	D
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88234739
Longitude :	-156.46467940
Last Date in Agency List :	11/23/2018

Map Id: 56
Direction: SSE
Distance: 0.581 mi.
Actual: 3065.620 ft.
Elevation: 0.006 mi. / 31.926 ft.
Relative: Higher

Site Name : 205301156281301
20.88040312, -156.46745700
HI

Database(s) : [NWIS]

Envirosite ID: 404006223
EPA ID: N/R

NWIS

Site Identification Number :	205301156281301
Site Type :	Well
Station Name :	6-5328-37 W20-85
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1963
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	68.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88040312
Longitude :	-156.46745700
Last Date in Agency List :	11/23/2018

Map Id: O57
Direction: SSE
Distance: 0.590 mi.
Actual: 3113.663 ft.
Elevation: 0.006 mi. / 32.805 ft.
Relative: Higher

Site Name : 205258156282001
20.87956987, -156.46940150
HI

Database(s) : [NWIS]

Envirosite ID: 403979891
EPA ID: N/R

NWIS

Site Identification Number :	205258156282001
Site Type :	Well
Station Name :	6-5228-10 W20-57
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	20
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	45
Hole Depth :	N/R
Source of Depth Data :	D
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87956987
Longitude :	-156.46940150
Last Date in Agency List :	11/23/2018

Map Id: 58
Direction: WNW
Distance: 0.590 mi.
Actual: 3116.249 ft.
Elevation: 0.004 mi. / 20.075 ft.
Relative: Higher

Site Name : WINDMILL
20 53 28.62N, 156 28 54.03W
KAHULUI, HI

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 350947878
EPA ID: N/R

DIGITAL OBSTACLE

Facility Name :	WINDMILL
Facility Address :	KAHULUI, HI
Date of Action :	05/04/2014
Action :	Change
FAA Study Number :	2004AWP03994OE
OBS Number :	15-000372
Obstacle Type :	WINDMILL
Country Identifier :	US
Type of Lighting :	Red
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00240
Above Mean Sea Level Height (Feet) :	00278
Horizontal Accuracy :	+-250'
Vertical Accuracy :	+-50'
Latitude :	20 53 28.62N
Longitude :	156 28 54.03W
Last Date in Agency List :	11/08/2018

Map Id: O59
Direction: S
Distance: 0.598 mi.
Actual: 3157.378 ft.
Elevation: 0.006 mi. / 33.566 ft.
Relative: Higher

Site Name : 205257156282201
20.87929210, -156.46995700
HI

Database(s) : [NWIS]

Envirosite ID: 404427947
EPA ID: N/R

NWIS

Site Identification Number :	205257156282201
Site Type :	Well
Station Name :	6-5228-12 W20-56
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	20
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1963

Map Id: O59
Direction: S
Distance: 0.598 mi.
Actual: 3157.378 ft.
Elevation: 0.006 mi. / 33.566 ft.
Relative: Higher

Site Name : 205257156282201
20.87929210, -156.46995700
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 404427947
EPA ID: N/R

NWIS ***(cont.)***

Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	48
Hole Depth :	N/R
Source of Depth Data :	D
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87929210
Longitude :	-156.46995700
Last Date in Agency List :	11/23/2018

Map Id: P60
Direction: SSE
Distance: 0.611 mi.
Actual: 3227.886 ft.
Elevation: 0.006 mi. / 32.808 ft.
Relative: Higher

Site Name : 205301156280901
20.88040310, -156.46634600
HI

Database(s) : [NWIS]

Envirosite ID: 404015858
EPA ID: N/R

NWIS

Site Identification Number :	205301156280901
Site Type :	Well
Station Name :	6-5328-36 W20-89
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5

Map Id: P60
Direction: SSE
Distance: 0.611 mi.
Actual: 3227.886 ft.
Elevation: 0.006 mi. / 32.808 ft.
Relative: Higher

Site Name : 205301156280901
20.88040310, -156.46634600
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 404015858
EPA ID: N/R

NWIS ***(cont.)***

Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	91.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88040310
Longitude :	-156.46634600
Last Date in Agency List :	11/23/2018

Map Id: 61
Direction: WSW
Distance: 0.616 mi.
Actual: 3253.329 ft.
Elevation: 0.012 mi. / 63.064 ft.
Relative: Higher

Site Name : 205313156290101
20.88373620, -156.48079000
HI

Database(s) : [NWIS]

Envirosite ID: 404007769
EPA ID: N/R

NWIS

Site Identification Number :	205313156290101
Site Type :	Groundwater drain
Station Name :	6-5329.04 -02/W20-18
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County

Map Id: 61
Direction: WSW
Distance: 0.616 mi.
Actual: 3253.329 ft.
Elevation: 0.012 mi. / 63.064 ft.
Relative: Higher

Site Name : 205313156290101
20.88373620, -156.48079000
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 404007769
EPA ID: N/R

NWIS ***(cont.)***

Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	75.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1969
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88373620
Longitude :	-156.48079000
Last Date in Agency List :	11/23/2018

Map Id: 62
Direction: NNE
Distance: 0.624 mi.
Actual: 3292.991 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : CRANE
20 53 52.90N, 156 28 04.30W
KAHULUI, HI

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 350652399
EPA ID: N/R

DIGITAL OBSTACLE

Facility Name :	CRANE
Facility Address :	KAHULUI, HI
Date of Action :	09/02/2007
Action :	Add
FAA Study Number :	2007AWP01541OE
OBS Number :	15-000414
Obstacle Type :	CRANE
Country Identifier :	US
Type of Lighting :	Red
Verification Status :	Unverified
Quantity :	1
Mark Indicator :	Orange or Orange And White Paint
Above Ground Level Height (Feet) :	00226
Above Mean Sea Level Height (Feet) :	00236
Horizontal Accuracy :	N/R
Vertical Accuracy :	N/R
Latitude :	20 53 52.90N
Longitude :	156 28 04.30W
Last Date in Agency List :	11/08/2018

Map Id: 63
Direction: S
Distance: 0.625 mi.
Actual: 3298.422 ft.
Elevation: 0.007 mi. / 36.407 ft.
Relative: Higher

Site Name : 205255156282501
20.87873660, -156.47079030
HI

Database(s) : [NWIS]

Envirosite ID: 404012594
EPA ID: N/R

NWIS

Site Identification Number :	205255156282501
Site Type :	Well
Station Name :	6-5228-13 W20-48
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1963

Map Id: 63
Direction: S
Distance: 0.625 mi.
Actual: 3298.422 ft.
Elevation: 0.007 mi. / 36.407 ft.
Relative: Higher

Site Name : 205255156282501
20.87873660, -156.47079030
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 404012594
EPA ID: N/R

NWIS ***(cont.)***

Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	60.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87873660
Longitude :	-156.47079030
Last Date in Agency List :	11/23/2018

Map Id: Q64
Direction: SSW
Distance: 0.630 mi.
Actual: 3324.747 ft.
Elevation: 0.014 mi. / 75.965 ft.
Relative: Higher

Site Name : 205257156284401
20.87929215, -156.47606790
HI

Database(s) : [NWIS]

Envirosite ID: 404006168
EPA ID: N/R

NWIS

Site Identification Number :	205257156284401
Site Type :	Groundwater drain
Station Name :	6-5228.01B -2/20-34B
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	80.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5

Map Id: Q64
Direction: SSW
Distance: 0.630 mi.
Actual: 3324.747 ft.
Elevation: 0.014 mi. / 75.965 ft.
Relative: Higher

Site Name : 205257156284401
20.87929215, -156.47606790
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 404006168
EPA ID: N/R

NWIS ***(cont.)***

Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87929215
Longitude :	-156.47606790
Last Date in Agency List :	11/23/2018

Map Id: 65
Direction: SW
Distance: 0.631 mi.
Actual: 3329.803 ft.
Elevation: 0.007 mi. / 36.089 ft.
Relative: Higher

Site Name : 205303156285401
20.88095868, -156.47884560
HI

Database(s) : [NWIS]

Envirosite ID: 403978770
EPA ID: N/R

NWIS

Site Identification Number :	205303156285401
Site Type :	Well
Station Name :	6-5328-49 HALE MAKUA
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County

Map Id: 65
Direction: SW
Distance: 0.631 mi.
Actual: 3329.803 ft.
Elevation: 0.007 mi. / 36.089 ft.
Relative: Higher

Site Name : 205303156285401
20.88095868, -156.47884560
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 403978770
EPA ID: N/R

NWIS ***(cont.)***

Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	51.5
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	08/25/1986
Date Site Established or Inventoried:	01/28/1987
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYYNNYNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	107.
Hole Depth :	107.
Source of Depth Data :	D
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	08/27/1986
Field Water-Level Data End Date :	08/27/1986
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	20.88095868
Longitude :	-156.47884560
Last Date in Agency List :	11/23/2018

Map Id: R66
Direction: SE
Distance: 0.634 mi.
Actual: 3346.063 ft.
Elevation: 0.005 mi. / 25.676 ft.
Relative: Higher

Site Name : 205305156280101
20.88151412, -156.46412390
HI

Database(s) : [NWIS]

Envirosite ID: 403978819
EPA ID: N/R

NWIS

Site Identification Number :	205305156280101
Site Type :	Groundwater drain
Station Name :	6-5328.04 -23/20-100
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	31.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	04/01/1969
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	120
Hole Depth :	120
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88151412
Longitude :	-156.46412390
Last Date in Agency List :	11/23/2018

Map Id: P67
Direction: SSE
Distance: 0.637 mi.
Actual: 3365.024 ft.
Elevation: 0.007 mi. / 36.089 ft.
Relative: Higher

Site Name : 205259156281001
20.87984760, -156.46662380
HI

Database(s) : [NWIS]

Envirosite ID: 404016015
EPA ID: N/R

NWIS

Site Identification Number :	205259156281001
Site Type :	Well
Station Name :	6-5228-05 W20-88
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	100
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87984760
Longitude :	-156.46662380
Last Date in Agency List :	11/23/2018

Map Id: 68
Direction: SSW
Distance: 0.646 mi.
Actual: 3411.131 ft.
Elevation: 0.015 mi. / 76.818 ft.
Relative: Higher

Site Name : 205259156284901
20.87972222, -156.47750000
HI

Database(s) : [NWIS]

Envirosite ID: 404010179
EPA ID: N/R

NWIS

Site Identification Number :	205259156284901
Site Type :	Well
Station Name :	6-5228-19 Hale Makua, Kahului, Maui, HI
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	59
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	20
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	1986
Date Site Established or Inventoried:	01/27/1987
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Data have been checked by the reporting agency.
Data-other GW Files :	YYYNNYNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	94
Hole Depth :	94
Source of Depth Data :	D
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	01/20/1986
Field Water-Level Data End Date :	01/20/1986
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	20.87972222
Longitude :	-156.47750000
Last Date in Agency List :	11/23/2018

Map Id: Q69
Direction: SSW
Distance: 0.653 mi.
Actual: 3445.403 ft.
Elevation: 0.012 mi. / 63.281 ft.
Relative: Higher

Site Name : 205255156284201
20.87873664, -156.47551240
HI

Database(s) : [NWIS]

Envirosite ID: 403989185
EPA ID: N/R

NWIS

Site Identification Number :	205255156284201
Site Type :	Groundwater drain
Station Name :	6-5228.01A -1/20-34A
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	70.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	10
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87873664
Longitude :	-156.47551240
Last Date in Agency List :	11/23/2018

Map Id: 70
Direction: ENE
Distance: 0.659 mi.
Actual: 3478.333 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : TOWER
20 53 39.60N, 156 27 45.59W
KAHULUI, HI

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 350885676
EPA ID: N/R

DIGITAL OBSTACLE

Facility Name :	TOWER
Facility Address :	KAHULUI, HI
Date of Action :	11/03/2011
Action :	Add
FAA Study Number :	2010AWP07032OE
OBS Number :	15-020083
Obstacle Type :	TOWER
Country Identifier :	US
Type of Lighting :	None
Verification Status :	Verified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00123
Above Mean Sea Level Height (Feet) :	00129
Horizontal Accuracy :	+-50'
Vertical Accuracy :	+-20'
Latitude :	20 53 39.60N
Longitude :	156 27 45.59W
Last Date in Agency List :	11/08/2018

Map Id: 71
Direction: WSW
Distance: 0.669 mi.
Actual: 3531.942 ft.
Elevation: 0.012 mi. / 65.925 ft.
Relative: Higher

Site Name : 205309156290201
20.88262520, -156.48106770
HI

Database(s) : [NWIS]

Envirosite ID: 404003062
EPA ID: N/R

NWIS

Site Identification Number :	205309156290201
Site Type :	Groundwater drain
Station Name :	6-5329.05 -03/W20-22
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	75.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1969

Map Id: 71
Direction: WSW
Distance: 0.669 mi.
Actual: 3531.942 ft.
Elevation: 0.012 mi. / 65.925 ft.
Relative: Higher

Site Name : 205309156290201
20.88262520, -156.48106770
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 404003062
EPA ID: N/R

NWIS ***(cont.)***

Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88262520
Longitude :	-156.48106770
Last Date in Agency List :	11/23/2018

Map Id: R72
Direction: SE
Distance: 0.686 mi.
Actual: 3622.974 ft.
Elevation: 0.005 mi. / 28.963 ft.
Relative: Higher

Site Name : 205303156275901
20.88095860, -156.46356840
HI

Database(s) : [NWIS]

Envirosite ID: 404016022
EPA ID: N/R

NWIS

Site Identification Number :	205303156275901
Site Type :	Well
Station Name :	6-5327-01 W20-101
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5

Map Id: R72
Direction: SE
Distance: 0.686 mi.
Actual: 3622.974 ft.
Elevation: 0.005 mi. / 28.963 ft.
Relative: Higher

Site Name : 205303156275901
20.88095860, -156.46356840
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 404016022
EPA ID: N/R

NWIS ***(cont.)***

Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	60.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88095860
Longitude :	-156.46356840
Last Date in Agency List :	11/23/2018

Map Id: 73
Direction: SW
Distance: 0.695 mi.
Actual: 3667.023 ft.
Elevation: 0.016 mi. / 82.028 ft.
Relative: Higher

Site Name : 205303156285901
20.88095868, -156.48023440
HI

Database(s) : [NWIS]

Envirosite ID: 404428079
EPA ID: N/R

NWIS

Site Identification Number :	205303156285901
Site Type :	Well
Station Name :	6-5328-03 W20-19
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County

Map Id: 73
Direction: SW
Distance: 0.695 mi.
Actual: 3667.023 ft.
Elevation: 0.016 mi. / 82.028 ft.
Relative: Higher

Site Name : 205303156285901
20.88095868, -156.48023440
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 404428079
EPA ID: N/R

NWIS ***(cont.)***

Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	125
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88095868
Longitude :	-156.48023440
Last Date in Agency List :	11/23/2018

Map Id: 74
Direction: WSW
Distance: 0.698 mi.
Actual: 3684.148 ft.
Elevation: 0.015 mi. / 77.011 ft.
Relative: Higher

Site Name : 205313156290601
20.88373620, -156.48217880
HI

Database(s) : [NWIS]

Envirosite ID: 405386161
EPA ID: N/R

NWIS

Site Identification Number :	205313156290601
Site Type :	Well
Station Name :	6-5329-09 W20-15
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	80.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Dunes
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	112
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88373620
Longitude :	-156.48217880
Last Date in Agency List :	11/23/2018

Map Id: 75
Direction: W
Distance: 0.698 mi.
Actual: 3686.136 ft.
Elevation: 0.007 mi. / 39.37 ft.
Relative: Higher

Site Name : 205330156291101
20.88845800, -156.48356760
HI

Database(s) : [NWIS]

Envirosite ID: 403989470
EPA ID: N/R

NWIS

Site Identification Number :	205330156291101
Site Type :	Well
Station Name :	6-5329-16 W20-6
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	52.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Dunes
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1971
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	98.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88845800
Longitude :	-156.48356760
Last Date in Agency List :	11/23/2018

Map Id: S76
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS, PWS ENF]

Envirosite ID: 358009662
EPA ID: N/R

PWS

Facility Address :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, HI 96732
PWS ID :	HI0000209
PWS Type :	Community water system
PWS Name :	OLOWALU
Activity Status :	Active
Primary Source :	Ground water
Submission Year :	2018
Submission Year Quarter :	2018Q3
Population Served Count :	100
Service Connections Count :	56
Population Category 2 :	<10,000
Population Category 3 :	<=3300
Population Category 4 :	<10K
Population Category 5 :	<=500
Population Category 11 :	<=100
Submission Quarter :	3
Submission Status Code :	Y
First Reported Date :	09/10/1979
Last Reported Date :	08/23/2018
Deactivation Date :	N/R
GW or SW :	Groundwater
Is Grant Eligible :	Y
Is Outstanding Performer :	Y
Is School or Daycare :	N
Is Source Water Protected :	N
Primacy Agency :	Hawaii
Primacy Type :	State
Org Name :	TAMAYOSE, LEA
EPA Region :	Region 9
Admin Name :	TAMAYOSE, LEA
Owner Type :	Private
Phone Number :	808-877-4202
Phone Ext Number :	N/R
Alt Phone Number :	N/R
Email Address :	lea@westmauiland.com
Fax Number :	N/R
Is Wholesaler :	N
LT2 Schedule Category :	N/R
NPM Candidate :	Y
CDS ID :	N/R
DBPR Schedule Category :	N/R
Outstanding Performer Date :	01/01/2011
Season Begin Date :	N/R
Season End Date :	N/R
Source Water Protection Date :	N/R
Seasonal Startup System :	N/R
Reduced Monitoring Begin Date :	N/R
Reduced Monitoring End Date :	N/R
Reduced RTCR Monitoring :	N/R
Last Date in Agency List :	10/18/2018

PWS ENF

Facility Address :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, HI 96732

Map Id: S76
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358009662
EPA ID: N/R

PWS ENF ***(cont.)***

PWS ID :	HI0000209
PWS Name :	OLOWALU
EPA Region :	Region 9
Primacy Agency :	Hawaii
PWS Type :	Community water system
Primacy Type :	State
Primary Source :	Ground water
Activity Status :	Active
Deactivation Date :	N/R
Owner Type :	Private
Phone Number :	808-877-4202
Last Date in Agency List :	10/18/2018

Violation Details

Details for this site have been truncated due to the large number of available details for this site within this dataset. For the complete details for this site, contact your Envirosite account representative for a complimentary site report containing all of the details available.

RTC Enforcement ID :	3896
Violation ID :	203596
Submission Year :	2018
Violation First Reported Date :	09/04/1996
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Returned to Compliance
RTC Date :	06/21/1996
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	3896
Violation ID :	203696
Submission Year :	2018
Violation First Reported Date :	09/04/1996
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732

Map Id: S76
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358009662
EPA ID: N/R

PWS ENF ***(cont.)***

Address Line 2 :	N/R
Compliance Status :	Returned to Compliance
RTC Date :	06/21/1996
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	3896
Violation ID :	203796
Submission Year :	2018
Violation First Reported Date :	09/04/1996
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Returned to Compliance
RTC Date :	06/21/1996
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	8398
Submission Year :	2018
Violation First Reported Date :	03/31/1998
Contaminant Name :	Coliform (TCR)
Rule Family :	Total Coliform Rules
Rule Group :	Microbials
Rule Name :	Total Coliform Rule
Violation Type :	Monitoring, Routine Major (TCR)
Is Health Based :	N
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	3
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notification requested
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	203897
Submission Year :	2018
Violation First Reported Date :	06/11/1997
Contaminant Name :	Surface Water Treatment Rule

Map Id: S76
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358009662
EPA ID: N/R

PWS ENF ***(cont.)***

Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	203296
Submission Year :	2018
Violation First Reported Date :	09/04/1996
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notification requested
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	203396
Submission Year :	2018
Violation First Reported Date :	09/04/1996
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notification requested

Map Id: S76
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358009662
EPA ID: N/R

PWS ENF ***(cont.)***

Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com
RTC Enforcement ID :	N/R
Violation ID :	203496
Submission Year :	2018
Violation First Reported Date :	09/04/1996
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notification requested
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com
RTC Enforcement ID :	N/R
Violation ID :	202996
Submission Year :	2018
Violation First Reported Date :	05/30/1996
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com
RTC Enforcement ID :	N/R
Violation ID :	203096
Submission Year :	2018
Violation First Reported Date :	05/30/1996
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)

Map Id: S76
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358009662
EPA ID: N/R

PWS ENF ***(cont.)***

Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	203196
Submission Year :	2018
Violation First Reported Date :	05/30/1996
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	202695
Submission Year :	2018
Violation First Reported Date :	03/23/1996
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

Map Id: S76
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358009662
EPA ID: N/R

PWS ENF ***(cont.)***

RTC Enforcement ID :	N/R
Violation ID :	202795
Submission Year :	2018
Violation First Reported Date :	03/23/1996
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	202895
Submission Year :	2018
Violation First Reported Date :	03/23/1996
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	202395
Submission Year :	2018
Violation First Reported Date :	12/12/1995
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2

Map Id: S76
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358009662
EPA ID: N/R

PWS ENF ***(cont.)***

Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	N/R
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	202495
Submission Year :	2018
Violation First Reported Date :	12/12/1995
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	N/R
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	202595
Submission Year :	2018
Violation First Reported Date :	12/12/1995
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	202095
Submission Year :	2018
Violation First Reported Date :	08/21/1995

Map Id: S76
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358009662
EPA ID: N/R

PWS ENF ***(cont.)***

Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	N/R
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	202195
Submission Year :	2018
Violation First Reported Date :	08/21/1995
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	N/R
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	202295
Submission Year :	2018
Violation First Reported Date :	08/21/1995
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R

Map Id: S76
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358009662
EPA ID: N/R

PWS ENF ***(cont.)***

Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	201795
Submission Year :	2018
Violation First Reported Date :	05/24/1995
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	201895
Submission Year :	2018
Violation First Reported Date :	05/24/1995
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	201995
Submission Year :	2018
Violation First Reported Date :	05/24/1995
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule

Map Id: S76
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358009662
EPA ID: N/R

PWS ENF ***(cont.)***

Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	201494
Submission Year :	2018
Violation First Reported Date :	03/04/1995
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	201594
Submission Year :	2018
Violation First Reported Date :	03/04/1995
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

Map Id: S76
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358009662
EPA ID: N/R

PWS ENF ***(cont.)***

RTC Enforcement ID :	N/R
Violation ID :	201694
Submission Year :	2018
Violation First Reported Date :	03/04/1995
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	200894
Submission Year :	2018
Violation First Reported Date :	12/09/1994
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notification requested
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	200994
Submission Year :	2018
Violation First Reported Date :	12/09/1994
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2

Map Id: S76
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS, PWS ENF] ***(cont.)***

Envirosite ID: 358009662
EPA ID: N/R

PWS ENF ***(cont.)***

Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notification requested
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	201094
Submission Year :	2018
Violation First Reported Date :	12/09/1994
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notification requested
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

RTC Enforcement ID :	N/R
Violation ID :	201194
Submission Year :	2018
Violation First Reported Date :	12/09/1994
Contaminant Name :	Surface Water Treatment Rule
Rule Family :	Surface Water Treatment Rules
Rule Group :	Microbials
Rule Name :	Surface Water Treatment Rule
Violation Type :	Treatment Technique (SWTR and GWR)
Is Health Based :	Y
Is Major Violation :	N/R
Severity Indicator Count :	N/R
Public Notification Tier :	2
Address Line 1 :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 2 :	N/R
Compliance Status :	Known
RTC Date :	N/R
Enforcement Action Description :	State Public Notif issued
Admin Name :	TAMAYOSE, LEA
Email Address :	lea@westmauiland.com

Map Id: S77
Direction: E
Distance: 0.702 mi.
Actual: 3704.121 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : HI0000251
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s) : [PWS]

Envirosite ID: 358012656
EPA ID: N/R

PWS

Facility Address :	305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, HI 96732
PWS ID :	HI0000251
PWS Type :	Community water system
PWS Name :	MAHANALUA NUI SUBDIVISON
Activity Status :	Active
Primary Source :	Ground water
Submission Year :	2018
Submission Year Quarter :	2018Q3
Population Served Count :	606
Service Connections Count :	303
Population Category 2 :	<10,000
Population Category 3 :	<=3300
Population Category 4 :	<10K
Population Category 5 :	501-3,300
Population Category 11 :	501-1,000
Submission Quarter :	3
Submission Status Code :	Y
First Reported Date :	06/30/2004
Last Reported Date :	08/23/2018
Deactivation Date :	N/R
GW or SW :	Groundwater
Is Grant Eligible :	Y
Is Outstanding Performer :	Y
Is School or Daycare :	N
Is Source Water Protected :	N
Primacy Agency :	Hawaii
Primacy Type :	State
Org Name :	TAMAYOSE, LEA
EPA Region :	Region 9
Admin Name :	TAMAYOSE, LEA
Owner Type :	Private
Phone Number :	808-877-4202
Phone Ext Number :	N/R
Alt Phone Number :	N/R
Email Address :	lea@westmauiland.com
Fax Number :	N/R
Is Wholesaler :	N
LT2 Schedule Category :	N/R
NPM Candidate :	Y
CDS ID :	N/R
DBPR Schedule Category :	N/R
Outstanding Performer Date :	01/01/2011
Season Begin Date :	N/R
Season End Date :	N/R
Source Water Protection Date :	N/R
Seasonal Startup System :	N/R
Reduced Monitoring Begin Date :	N/R
Reduced Monitoring End Date :	N/R
Reduced RTCR Monitoring :	N/R
Last Date in Agency List :	10/18/2018

Map Id: T78
Direction: SSE
Distance: 0.712 mi.
Actual: 3758.346 ft.
Elevation: 0.007 mi. / 39.37 ft.
Relative: Higher

Site Name : 205254156281201
20.87845885, -156.46717930
HI

Database(s) : [NWIS]

Envirosite ID: 404012547
EPA ID: N/R

NWIS

Site Identification Number :	205254156281201
Site Type :	Well
Station Name :	6-5228-04 W20-86
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	70.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87845885
Longitude :	-156.46717930
Last Date in Agency List :	11/23/2018

Map Id: 79
Direction: SE
Distance: 0.721 mi.
Actual: 3809.367 ft.
Elevation: 0.007 mi. / 39.37 ft.
Relative: Higher

Site Name : 205259156280101
20.87984760, -156.46412390
HI

Database(s) : [NWIS]

Envirosite ID: 403978760
EPA ID: N/R

NWIS

Site Identification Number :	205259156280101
Site Type :	Well
Station Name :	6-5228-09 W20-99
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	85.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87984760
Longitude :	-156.46412390
Last Date in Agency List :	11/23/2018

Map Id: 80
Direction: WSW
Distance: 0.722 mi.
Actual: 3813.005 ft.
Elevation: 0.021 mi. / 111.693 ft.
Relative: Higher

Site Name : 205310156290601
20.88290296, -156.48217880
HI

Database(s) : [NWIS]

Envirosite ID: 404015923
EPA ID: N/R

NWIS

Site Identification Number :	205310156290601
Site Type :	Groundwater drain
Station Name :	6-5329.03 -13/W20-16
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	105.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	03/01/1969
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	161
Hole Depth :	161
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88290296
Longitude :	-156.48217880
Last Date in Agency List :	11/23/2018

Map Id: T81
Direction: SSE
Distance: 0.732 mi.
Actual: 3863.692 ft.
Elevation: 0.008 mi. / 42.651 ft.
Relative: Higher

Site Name : 205254156280901
20.87845884, -156.46634600
HI

Database(s) : [NWIS]

Envirosite ID: 403978758
EPA ID: N/R

NWIS

Site Identification Number :	205254156280901
Site Type :	Groundwater drain
Station Name :	6-5228.02A -15/20-94
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	39.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	04/01/1969
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	74.0
Hole Depth :	74.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87845884
Longitude :	-156.46634600
Last Date in Agency List :	11/23/2018

Map Id: T82
Direction: SSE
Distance: 0.736 mi.
Actual: 3886.483 ft.
Elevation: 0.008 mi. / 41.043 ft.
Relative: Higher

Site Name : 205253156281101
20.87818109, -156.46690160
HI

Database(s) : [NWIS]

Envirosite ID: 404006152
EPA ID: N/R

NWIS

Site Identification Number :	205253156281101
Site Type :	Well
Station Name :	6-5228-08 W20-87
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	61.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87818109
Longitude :	-156.46690160
Last Date in Agency List :	11/23/2018

Map Id: 83
Direction: S
Distance: 0.742 mi.
Actual: 3918.381 ft.
Elevation: 0.009 mi. / 49.147 ft.
Relative: Higher

Site Name : 205249156283701
20.87707010, -156.47412350
HI

Database(s) : [NWIS]

Envirosite ID: 404427789
EPA ID: N/R

NWIS

Site Identification Number :	205249156283701
Site Type :	Well
Station Name :	6-5228-14 W20-47
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	60.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1969
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	90.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87707010
Longitude :	-156.47412350
Last Date in Agency List :	11/23/2018

Map Id: U84
Direction: NE
Distance: 0.742 mi.
Actual: 3919.239 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : STACK
20 53 46.71N, 156 27 45.06W
KAHULUI, HI

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 350866962
EPA ID: N/R

DIGITAL OBSTACLE

Facility Name :	STACK
Facility Address :	KAHULUI, HI
Date of Action :	09/20/2010
Action :	Change
FAA Study Number :	N/R
OBS Number :	15-000263
Obstacle Type :	STACK
Country Identifier :	US
Type of Lighting :	Red
Verification Status :	Verified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00195
Above Mean Sea Level Height (Feet) :	00198
Horizontal Accuracy :	+-20'
Vertical Accuracy :	+-3'
Latitude :	20 53 46.71N
Longitude :	156 27 45.06W
Last Date in Agency List :	11/08/2018

Map Id: T85
Direction: SSE
Distance: 0.755 mi.
Actual: 3985.332 ft.
Elevation: 0.009 mi. / 45.922 ft.
Relative: Higher

Site Name : 205254156280601
20.87845884, -156.46551270
HI

Database(s) : [NWIS]

Envirosite ID: 403994437
EPA ID: N/R

NWIS

Site Identification Number :	205254156280601
Site Type :	Well
Station Name :	6-5228.02B 16/W20-96
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	39.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	04/01/1969

Map Id: T85
Direction: SSE
Distance: 0.755 mi.
Actual: 3985.332 ft.
Elevation: 0.009 mi. / 45.922 ft.
Relative: Higher

Site Name : 205254156280601
20.87845884, -156.46551270
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 403994437
EPA ID: N/R

NWIS ***(cont.)***

Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	83.0
Hole Depth :	83.0
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87845884
Longitude :	-156.46551270
Last Date in Agency List :	11/23/2018

Map Id: V86
Direction: WNW
Distance: 0.760 mi.
Actual: 4013.388 ft.
Elevation: 0.011 mi. / 60.653 ft.
Relative: Higher

Site Name : 205337156290101
20.89361110, -156.48361100
HI

Database(s) : [NWIS]

Envirosite ID: 404010248
EPA ID: N/R

NWIS

Site Identification Number :	205337156290101
Site Type :	Well
Station Name :	6-5329-21 Maui Central Park 3, Maui, HI
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	51.49
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	20

Map Id: V86
Direction: WNW
Distance: 0.760 mi.
Actual: 4013.388 ft.
Elevation: 0.011 mi. / 60.653 ft.
Relative: Higher

Site Name : 205337156290101
20.89361110, -156.48361100
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 404010248
EPA ID: N/R

NWIS ***(cont.)***

Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	10/16/1997
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	Y Y
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	85
Hole Depth :	85
Source of Depth Data :	D
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	05/17/2005
Field Water-Level Data End Date :	05/17/2005
Field Water-Level Data Count :	2
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	20.89361110
Longitude :	-156.48361100
Last Date in Agency List :	11/23/2018

Map Id: 87
Direction: SW
Distance: 0.764 mi.
Actual: 4031.907 ft.
Elevation: 0.015 mi. / 77.211 ft.
Relative: Higher

Site Name : 205303156290401
20.88095869, -156.48162330
HI

Database(s) : [NWIS]

Envirosite ID: 403994499
EPA ID: N/R

NWIS

Site Identification Number :	205303156290401
Site Type :	Well
Station Name :	6-5329-01 W20-17
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County

Map Id: 87
Direction: SW
Distance: 0.764 mi.
Actual: 4031.907 ft.
Elevation: 0.015 mi. / 77.211 ft.
Relative: Higher

Site Name : 205303156290401
20.88095869, -156.48162330
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 403994499
EPA ID: N/R

NWIS ***(cont.)***

Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	80.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Dunes
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	120
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88095869
Longitude :	-156.48162330
Last Date in Agency List :	11/23/2018

Map Id: 88
Direction: ESE
Distance: 0.769 mi.
Actual: 4058.109 ft.
Elevation: 0.004 mi. / 19.685 ft.
Relative: Higher

Site Name : 205311156274701
20.88318063, -156.46023500
HI

Database(s) : [NWIS]

Envirosite ID: 404003136
EPA ID: N/R

NWIS

Site Identification Number :	205311156274701
Site Type :	Well
Station Name :	6-5327-04 W20-113
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	30.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88318063
Longitude :	-156.46023500
Last Date in Agency List :	11/23/2018

Map Id: 89
Direction: SSE
Distance: 0.790 mi.
Actual: 4169.114 ft.
Elevation: 0.009 mi. / 45.909 ft.
Relative: Higher

Site Name : 205250156281101
20.87734783, -156.46690160
HI

Database(s) : [NWIS]

Envirosite ID: 404015980
EPA ID: N/R

NWIS

Site Identification Number :	205250156281101
Site Type :	Well
Station Name :	6-5228-11 W20-93
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	58.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87734783
Longitude :	-156.46690160
Last Date in Agency List :	11/23/2018

Map Id: U90
Direction: NE
Distance: 0.792 mi.
Actual: 4182.692 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 205401156275403
20.89706830, -156.46217940
HI

Database(s) : [NWIS]

Envirosite ID: 403979941
EPA ID: N/R

NWIS

Site Identification Number :	205401156275403
Site Type :	Well
Station Name :	6-5427-03 W25C
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	5.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	2
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1949
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	237
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.89706830
Longitude :	-156.46217940
Last Date in Agency List :	11/23/2018

Map Id: U91
Direction: NE
Distance: 0.792 mi.
Actual: 4182.692 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 205401156275402
20.89706830, -156.46217940
HI

Database(s) : [NWIS]

Envirosite ID: 403989569
EPA ID: N/R

NWIS

Site Identification Number :	205401156275402
Site Type :	Well
Station Name :	6-5427-02 W25B
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	5.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	2
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1947
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	200
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.89706830
Longitude :	-156.46217940
Last Date in Agency List :	11/23/2018

Map Id: U92
Direction: NE
Distance: 0.792 mi.
Actual: 4182.692 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 205401156275405
20.89706830, -156.46217940
HI

Database(s) : [NWIS]

Envirosite ID: 403989570
EPA ID: N/R

NWIS

Site Identification Number :	205401156275405
Site Type :	Well
Station Name :	6-5427-05 W25E
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	5.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	2
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1953
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	257
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.89706830
Longitude :	-156.46217940
Last Date in Agency List :	11/23/2018

Map Id: U93
Direction: NE
Distance: 0.792 mi.
Actual: 4182.692 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 205401156275404
20.89706830, -156.46217940
HI

Database(s) : [NWIS]

Envirosite ID: 404007908
EPA ID: N/R

NWIS

Site Identification Number :	205401156275404
Site Type :	Well
Station Name :	6-5427-04 W25D
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	5.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	2
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1949
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	245
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.89706830
Longitude :	-156.46217940
Last Date in Agency List :	11/23/2018

Map Id: U94
Direction: NE
Distance: 0.792 mi.
Actual: 4182.692 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 205401156275407
20.89706830, -156.46217940
HI

Database(s) : [NWIS]

Envirosite ID: 404010270
EPA ID: N/R

NWIS

Site Identification Number :	205401156275407
Site Type :	Well
Station Name :	6-5427-07 W25G
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	5.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	2
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1953
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	255
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.89706830
Longitude :	-156.46217940
Last Date in Agency List :	11/23/2018

Map Id: U95
Direction: NE
Distance: 0.792 mi.
Actual: 4182.692 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 205401156275406
20.89706830, -156.46217940
HI

Database(s) : [NWIS]

Envirosite ID: 404012712
EPA ID: N/R

NWIS

Site Identification Number :	205401156275406
Site Type :	Well
Station Name :	6-5427-06 W25F
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	5.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	2
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1953
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	250
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.89706830
Longitude :	-156.46217940
Last Date in Agency List :	11/23/2018

Map Id: U96
Direction: NE
Distance: 0.792 mi.
Actual: 4182.692 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

Site Name : 205401156275401
20.89706830, -156.46217940
HI

Database(s) : [NWIS]

Envirosite ID: 405386167
EPA ID: N/R

NWIS

Site Identification Number :	205401156275401
Site Type :	Well
Station Name :	6-5427-01 W25A
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	5.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	2
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1946
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	179
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.89706830
Longitude :	-156.46217940
Last Date in Agency List :	11/23/2018

Map Id: V97
Direction: WNW
Distance: 0.793 mi.
Actual: 4188.691 ft.
Elevation: 0.016 mi. / 82.051 ft.
Relative: Higher

Site Name : 205351156291201
20.89429080, -156.48384540
HI

Database(s) : [NWIS]

Envirosite ID: 404006379
EPA ID: N/R

NWIS

Site Identification Number :	205351156291201
Site Type :	Well
Station Name :	6-5329-15 W17-2
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	37.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Dunes
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1970
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	68.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.89429080
Longitude :	-156.48384540
Last Date in Agency List :	11/23/2018

Map Id: W98
Direction: SE
Distance: 0.856 mi.
Actual: 4519.257 ft.
Elevation: 0.007 mi. / 39.37 ft.
Relative: Higher

Site Name : 205257156275201
20.87929209, -156.46162400
HI

Database(s) : [NWIS]

Envirosite ID: 404006156
EPA ID: N/R

NWIS

Site Identification Number :	205257156275201
Site Type :	Well
Station Name :	6-5227-07 W20-104
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1971
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	80.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87929209
Longitude :	-156.46162400
Last Date in Agency List :	11/23/2018

Map Id: 99
Direction: W
Distance: 0.861 mi.
Actual: 4545.846 ft.
Elevation: 0.011 mi. / 55.738 ft.
Relative: Higher

Site Name : 205323156291001
20.88972222, -156.48611100
HI

Database(s) : [NWIS]

Envirosite ID: 403978857
EPA ID: N/R

NWIS

Site Identification Number :	205323156291001
Site Type :	Well
Station Name :	6-5329-19 Maui Central Park 1, Maui, HI
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	76.5
Method Altitude Determined :	Reported method of determination.
Altitude Accuracy :	20
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	1997
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	Y Y
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	110
Hole Depth :	110
Source of Depth Data :	D
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	11/18/1997
Field Water-Level Data End Date :	05/17/2005
Field Water-Level Data Count :	2
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	20.88972222
Longitude :	-156.48611100
Last Date in Agency List :	11/23/2018

Map Id: 100
Direction: W
Distance: 0.866 mi.
Actual: 4572.487 ft.
Elevation: 0.018 mi. / 93.189 ft.
Relative: Higher

Site Name : TOWER
20 53 14.50N, 156 29 09.76W
WAILUKU, HI

Database(s) : [DIGITAL OBSTACLE]

Envirosite ID: 350739561
EPA ID: N/R

DIGITAL OBSTACLE

Facility Name :	TOWER
Facility Address :	WAILUKU, HI
Date of Action :	07/22/2011
Action :	Change
FAA Study Number :	2010AWP05138OE
OBS Number :	15-000009
Obstacle Type :	TOWER
Country Identifier :	US
Type of Lighting :	None
Verification Status :	Verified
Quantity :	1
Mark Indicator :	None
Above Ground Level Height (Feet) :	00185
Above Mean Sea Level Height (Feet) :	00289
Horizontal Accuracy :	+-100'
Vertical Accuracy :	+-125'
Latitude :	20 53 14.50N
Longitude :	156 29 09.76W
Last Date in Agency List :	11/08/2018

Map Id: W101
Direction: SE
Distance: 0.868 mi.
Actual: 4585.587 ft.
Elevation: 0.006 mi. / 32.808 ft.
Relative: Higher

Site Name : 205259156274901
20.87984759, -156.46079070
HI

Database(s) : [NWIS]

Envirosite ID: 404010148
EPA ID: N/R

NWIS

Site Identification Number :	205259156274901
Site Type :	Well
Station Name :	6-5227-01 W20-106
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R

Map Id: W101
Direction: SE
Distance: 0.868 mi.
Actual: 4585.587 ft.
Elevation: 0.006 mi. / 32.808 ft.
Relative: Higher

Site Name : 205259156274901
20.87984759, -156.46079070
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 404010148
EPA ID: N/R

NWIS ***(cont.)***

Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	75.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87984759
Longitude :	-156.46079070
Last Date in Agency List :	11/23/2018

Map Id: W102
Direction: SE
Distance: 0.869 mi.
Actual: 4585.817 ft.
Elevation: 0.007 mi. / 36.089 ft.
Relative: Higher

Site Name : 205257156275101
20.87929209, -156.46134620
HI

Database(s) : [NWIS]

Envirosite ID: 403992396
EPA ID: N/R

NWIS

Site Identification Number :	205257156275101
Site Type :	Well
Station Name :	6-5227-06 W20-105
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5

Map Id: W102
Direction: SE
Distance: 0.869 mi.
Actual: 4585.817 ft.
Elevation: 0.007 mi. / 36.089 ft.
Relative: Higher

Site Name : 205257156275101
20.87929209, -156.46134620
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 403992396
EPA ID: N/R

NWIS ***(cont.)***

Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	58.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87929209
Longitude :	-156.46134620
Last Date in Agency List :	11/23/2018

Map Id: 103
Direction: WNW
Distance: 0.876 mi.
Actual: 4625.982 ft.
Elevation: 0.011 mi. / 57.927 ft.
Relative: Higher

Site Name : 205330156291001
20.89166667, -156.48611100
HI

Database(s) : [NWIS]

Envirosite ID: 403989424
EPA ID: N/R

NWIS

Site Identification Number :	205330156291001
Site Type :	Well
Station Name :	6-5329-20 Maui Central Park 2, Maui, HI
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County

Map Id: 103
Direction: WNW
Distance: 0.876 mi.
Actual: 4625.982 ft.
Elevation: 0.011 mi. / 57.927 ft.
Relative: Higher

Site Name : 205330156291001
20.89166667, -156.48611100
HI

Database(s) : [NWIS] ***(cont.)***

Envirosite ID: 403989424
EPA ID: N/R

NWIS ***(cont.)***

Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	60
Method Altitude Determined :	Interpolated from Digital Elevation Model
Altitude Accuracy :	20
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	Y Y
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	110
Hole Depth :	N/R
Source of Depth Data :	A
Project Number :	N/R
Real-Time Data Flag :	0
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	0
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	0
Field Water-Level Data Begin Date :	12/04/1997
Field Water-Level Data End Date :	12/04/1997
Field Water-Level Data Count :	1
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	0
Latitude :	20.89166667
Longitude :	-156.48611100
Last Date in Agency List :	11/23/2018

Map Id: W104
Direction: SE
Distance: 0.881 mi.
Actual: 4653.105 ft.
Elevation: 0.006 mi. / 33.205 ft.
Relative: Higher

Site Name : 205258156274901
20.87956984, -156.46079070
HI

Database(s) : [NWIS]

Envirosite ID: 403994472
EPA ID: N/R

NWIS

Site Identification Number :	205258156274901
Site Type :	Well
Station Name :	6-5227-03 W20-108
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	70.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87956984
Longitude :	-156.46079070
Last Date in Agency List :	11/23/2018

Map Id: 105
Direction: SE
Distance: 0.886 mi.
Actual: 4677.047 ft.
Elevation: 0.006 mi. / 29.528 ft.
Relative: Higher

Site Name : 205301156274601
20.88040310, -156.45995740
HI

Database(s) : [NWIS]

Envirosite ID: 404006219
EPA ID: N/R

NWIS

Site Identification Number :	205301156274601
Site Type :	Well
Station Name :	6-5327-02 W20-109
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88040310
Longitude :	-156.45995740
Last Date in Agency List :	11/23/2018

Map Id: 106
Direction: ESE
Distance: 0.891 mi.
Actual: 4706.283 ft.
Elevation: 0.002 mi. / 13.11 ft.
Relative: Higher

Site Name : 205318156273701
20.88512490, -156.45745750
HI

Database(s) : [NWIS]

Envirosite ID: 404015938
EPA ID: N/R

NWIS

Site Identification Number :	205318156273701
Site Type :	Well
Station Name :	6-5327-05 W21
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	5.31
Method Altitude Determined :	Level or other surveyed method.
Altitude Accuracy :	.1
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88512490
Longitude :	-156.45745750
Last Date in Agency List :	11/23/2018

Map Id: W107
Direction: SE
Distance: 0.920 mi.
Actual: 4860.046 ft.
Elevation: 0.007 mi. / 36.089 ft.
Relative: Higher

Site Name : 205256156274801
20.87901433, -156.46051290
HI

Database(s) : [NWIS]

Envirosite ID: 404002956
EPA ID: N/R

NWIS

Site Identification Number :	205256156274801
Site Type :	Well
Station Name :	6-5227-02 W20-107
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	40.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.87901433
Longitude :	-156.46051290
Last Date in Agency List :	11/23/2018

Map Id: 108
Direction: SE
Distance: 0.940 mi.
Actual: 4965.245 ft.
Elevation: 0.006 mi. / 30.696 ft.
Relative: Higher

Site Name : 205300156274301
20.88012534, -156.45912400
HI

Database(s) : [NWIS]

Envirosite ID: 404012966
EPA ID: N/R

NWIS

Site Identification Number :	205300156274301
Site Type :	Well
Station Name :	6-5327-08 W20-110
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1962
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	71.0
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88012534
Longitude :	-156.45912400
Last Date in Agency List :	11/23/2018

Map Id: 109
Direction: WSW
Distance: 0.957 mi.
Actual: 5053.150 ft.
Elevation: 0.015 mi. / 78.707 ft.
Relative: Higher

Site Name : 205312156292101
20.88345848, -156.48634530
HI

Database(s) : [NWIS]

Envirosite ID: 404006368
EPA ID: N/R

NWIS

Site Identification Number :	205312156292101
Site Type :	Groundwater drain
Station Name :	6-5329.01 -11/W20-4
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	93.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	N/R
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	03/01/1969
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	N/R
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	124
Hole Depth :	124
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88345848
Longitude :	-156.48634530
Last Date in Agency List :	11/23/2018

Map Id: 110
Direction: ESE
Distance: 0.963 mi.
Actual: 5085.759 ft.
Elevation: 0.006 mi. / 29.528 ft.
Relative: Higher

Site Name : 205302156274001
20.88068084, -156.45829080
HI

Database(s) : [NWIS]

Envirosite ID: 404007692
EPA ID: N/R

NWIS

Site Identification Number :	205302156274001
Site Type :	Well
Station Name :	6-5327-03 W20-112
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	35.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Flat surface
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	N/R
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	NYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	N/R
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88068084
Longitude :	-156.45829080
Last Date in Agency List :	11/23/2018

Map Id: 111
Direction: WSW
Distance: 0.990 mi.
Actual: 5226.606 ft.
Elevation: 0.014 mi. / 75.696 ft.
Relative: Higher

Site Name : 205315156292401
20.88429174, -156.48717860
HI

Database(s) : [NWIS]

Envirosite ID: 404007819
EPA ID: N/R

NWIS

Site Identification Number :	205315156292401
Site Type :	Well
Station Name :	6-5329-10 W20-1
Agency :	U.S. Geological Survey
District :	Hawaii
State :	HI
County :	Maui County
Country :	USA
Land Net Location :	N/R
Name of Location Map :	WAILUKU, HI
Scale of Location Map :	24000
Altitude of Gage/Land Surface :	90.00
Method Altitude Determined :	Interpolated from topographic map.
Altitude Accuracy :	5
Altitude Datum :	Local Mean Sea Level
Hydrologic Unit :	Maui
Drainage Basin :	N/R
Topographic Setting :	Dunes
Flags for the Type of Data Collected:	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site :	NNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction :	01/01/1963
Date Site Established or Inventoried:	N/R
Drainage Area :	N/R
Contributing Drainage Area :	N/R
Data Reliability :	Unchecked data.
Data-other GW Files :	YYNNNNNN
National Aquifer :	Hawaii volcanic-rock aquifers
Local Aquifer :	N/R
Local Aquifer Type :	N/R
Well Depth :	112
Hole Depth :	N/R
Source of Depth Data :	N/R
Project Number :	N/R
Real-Time Data Flag :	N/R
Peak-Streamflow Data Begin Date :	N/R
Peak-Streamflow Data End Date :	N/R
Peak-Streamflow Data Count :	N/R
Water-Quality Data Begin Date :	N/R
Water-Quality Data End Date :	N/R
Water-Quality Data Count :	N/R
Field Water-Level Data Begin Date :	N/R
Field Water-Level Data End Date :	N/R
Field Water-Level Data Count :	N/R
Site-Visit Data Begin Date :	N/R
Site-Visit Data End Date :	N/R
Site-Visit Data Count :	N/R
Latitude :	20.88429174
Longitude :	-156.48717860
Last Date in Agency List :	11/23/2018

RADON DATA:

STATE SOURCE: No Available Data

FEDERAL AREA RADON INFORMATION FOR: No Available Data

NUMBER OF SAMPLE SITES: 19

Area:	Average Activity:	% <4 pCi/L:	% 4-20 pCi/L:	% >20 pCi/L:
basement	0.2 pCi/L	100%	0%	0%
first floor	-0.2706 pCi/L	100%	0%	0%
unknown	-0.8 pCi/L	100%	0%	0%

HIST PWS ENF
Historical Public Water Supply locations with Enforcement Violations
Environmental Protection Agency
(800) 426-4791
List of safe drinking water information Systems with enforcement violations that are no longer in current agency list.

NWIS
National Water Information Systems
United States Geological Society
(703) 648-5953
Information on all water resources for the United States. This database contains all current and historical data for the nation.

PWS
Public Water Supply
Environmental Protection Agency
(800) 426-4791
Safe drinking water information Systems

PWS ENF
Public Water Supply locations with Enforcement Violations
Environmental Protection Agency
(800) 426-4791
Safe drinking water information Systems with enforcememnt violations

FLOOD Q3
Flood data
Environmental Protection Agency
(202) 566-1667
Q3 Flood Data

HYDROLOGIC UNIT
Hydrologic Unit Maps
USGS
The United States Geological Survey created a hierarchical system of hydrologic units originally called regions, sub-regions, accounting units, and cataloging units. Each unit was assigned a unique Hydrologic Unit Code (HUC). As first implemented the system had 21 regions, 221 subregions, 378 accounting units, and 2,264 cataloging units. Over time the system was changed and expanded. As of 2010 there are six levels in the hierarchy, represented by hydrologic unit codes from 2 to 12 digits long, called regions, subregions, basins, subbasins, watersheds, and subwatersheds. The table below describes the system's hydrologic unit levels and their characteristics, along with example names and codes.

WETLANDS NWI
National Wetland Inventory
U.S. Fish and Wildlife Service
(703) 358-2171
Wetland Inventory for the United States

SSURGO
Detailed Soil Data Map
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
Detailed Soil Data Map

STATSGO & MUI
General Soil Data Map
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
General Soil Data Map

USGS GEOLOGIC AGE
USGS Digital Data Series DDS
Natural Resources Conservation Service: U.S. Department of Agriculture
(202) 690-4985
USGS Digital Data Series DDS: Geologic Age and Rock Stratigraphic Unit

RADON
National Radon Database
USGS
703-605-6008
A study of the EPA/State Residential Radon Survey and the National Residential Radon Survey.

AIRPORT FACILITIES
Airport landing facilities
Federal Aviation Administration
(866) 835-5322
Airport landing facilities

BASINS
Better Assessment Science Integrating point & Non-point Sources
U.S. Environmental Protection Agency
855-246-3642
Integrated geographical information system national watershed data and environmental assessment known as Better Assessment Science Integrating point & Non-point Sources

DIGITAL OBSTACLE
Obstacles of interest to aviation users
Federal Aviation Administration
855-379-6518
The Digital Obstacle File describes all known obstacles of interest to aviation users in the U.S. with limited coverage of the Pacific the Caribbean Canada and Mexico. The obstacles are assigned unique numerical identifiers; accuracy codes and listed in order of ascending latitude within each state or area by FAA Region.

EPICENTERS
National Geographical Data Center
National Geographical Data Center
303-497-6826
Data on over four million earthquakes dating from 2100 B.C. to 1995 A.D.

FLOOD DFIRM
National Flood Hazard Layer Database
Federal Emergency Management Agency
The National Flood Hazard Layer Database (NFHL) is a computer database that contains the flood hazard map information from FEMAs Flood Map Modernization program. These map data are from Digital Flood Insurance Rate Map (DFIRM) databases and Letters of Map Revision.