Appendices
Appendix A

Conceptual Plans and View Studies
Conceptual Plans

Proposed Action
Kahului Civic Center Mixed-Use Project

March 2022

ENTITLEMENT - CONCEPT SITE PLAN

PARCEL 5.572 acre

<table>
<thead>
<tr>
<th>Zoning</th>
<th>Land Use</th>
<th>Height</th>
<th>Density</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Lot Area</td>
<td>5.572 acre</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transit Plaza</td>
<td>0.85 acre</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUC</td>
<td>4.722 acre</td>
<td></td>
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LAND AREA AND ZONING INFORMATION

<table>
<thead>
<tr>
<th>LAND</th>
<th>Allowable SF</th>
<th>Setback</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARCEL</td>
<td>5.572 acre</td>
<td></td>
</tr>
<tr>
<td>Front</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Side/Rear</td>
<td>None or adjacent zone</td>
<td></td>
</tr>
</tbody>
</table>

KAHULUI CIVIC CENTER MIXED-USE PROGRAM

<table>
<thead>
<tr>
<th>Total Residential Units</th>
<th>300 du</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density</td>
<td>1.6 FAR</td>
</tr>
</tbody>
</table>

Residential Subtotal

- Parking Required by Code*: 774 stalls
  * County Code requirement without mixed use reduction
- Retail or Office: 5,000 gsf Parking Target**: 96 stalls
  ** Retail/Office at 1stall/500sf
- School: 7,000 gsf Parking Target**: 96 stalls
  ** School 8 per classroom
- Office: 38,000 gsf Parking Target**: 96 stalls
  ** Library 40 stalls
- Library: 16,000 gsf Parking Target**: 414 stalls
  ** Residential 1stall/1bdrm; 1.5stall/2bdrm; 2stall/3bdrm
Non-Residential Subtotal

- Total Floor Area: 381,000 Parking Provided: 596 stalls

- Office Plaza: 38,000 gsf
- Civic Center: 16,000 gsf
- Multi-Family Housing: 315,000 gsf
- Multi-Family Housing: 66,000 gsf
- Parking: 774 stalls
- Driveway Entry/Exit
- 3rd Street
- Greenway
- Landscape Buffer
- Driveway Entry/Exit

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.
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

Kahului Civic Center Mixed-Use Complex
OPTION 2 - LOW RISE MID-DENSITY 4-STORY

Kahului Civic Center Mixed-Use Complex

LAND AREA AND ZONING INFORMATION

<table>
<thead>
<tr>
<th>PARCEL</th>
<th>LAND</th>
<th>Allowable SF</th>
<th>Setback</th>
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<tbody>
<tr>
<td>5.572 acre</td>
<td>242,716 sf</td>
<td>485,433 sf</td>
<td></td>
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</tbody>
</table>

Front: None
Side/Rear: None or adjacent zone

Total Lot Area: 5.572 acre
Transit Plaza: .85 acre, Zoning: B-2, Height: 90-ft
MUC: 4.722 acre, 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
Parking Target**: 500 stalls
* County Code requirement without mixed use reduction
** Retail/Office at 1st/500sf, ** Library 40 stalls

Non-Residential Subtotal: 66,000 gsf
** School 8 per classroom

Total Floor Area: 318,000 gsf

Driveway Entry/Exit
Office Plaza
Greenway
Landscape Buffer
Civic Center
Vevau Street
3rd Street
Ka'ahumanu Avenue
pkg deck
Driveway Entry/Exit
Project Boundary
Conceptual Plans

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

Kahului Civic Center Mixed-Use Complex

LAND AREA AND ZONING INFORMATION

<table>
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<th>PARCEL</th>
<th>LAND</th>
<th>Allowable SF</th>
<th>Setback</th>
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<tr>
<td>5.572 acre</td>
<td>242,716 sf</td>
<td>485,433 sf</td>
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</table>

<table>
<thead>
<tr>
<th>Front</th>
<th>None</th>
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</thead>
<tbody>
<tr>
<td>Side/Rear</td>
<td>None or adjacent zone</td>
</tr>
</tbody>
</table>

Total Lot Area 5.572 acre

Transit Plaza .85 acre  
MUC 4.722 acre

Land Use B-2

Height 90-ft

Density 2. FAR

KAHULUI CIVIC CENTER MIXED-USE PROGRAM

Total Residential Units 186 du

Density 1. FAR

Parking Required by Code* 546 stalls

* County Code requirement without mixed use reduction

Retail or Office 3,000 gsf

Parking Target ** 417 stalls

** Retail/Office at 1 stall/500sf

School 7,000 gsf

** School 8 per classroom

Office 27,000 gsf

** Library 40 stalls

Library 16,000 gsf

** Residential 1 stall/1bdrm; 1.5 stalls/2bdrm; 2 stalls/3bdrm

Non-Residential Subtotal 53,000 gsf

261 stalls

Total Floor Area 248,300 Parking Provided 417 stalls

Entry to parking podium within building
Appendix B

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

AECOS Inc.
45-939 Kamehameha Highway
Suite 104
Kāneʻohe, Hawaiʻi 96744

April 27, 2021
revised January 5, 2022
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.

![Map of Kahului, Maui](https://example.com/map.png)

**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

¹This 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).](image)

**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.

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*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.**

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

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

<table>
<thead>
<tr>
<th>Species listed by family</th>
<th>Common name</th>
<th>STATUS</th>
<th>ABUNDANCE</th>
<th>NOTES</th>
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<tr>
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<td>VERBENA sp.</td>
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<td>Nat R</td>
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<td>MONOCOTYLEDONES</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>ARECACEAE</td>
<td>ARECAEANS</td>
<td>niu, coconut</td>
<td>Pol O</td>
<td>&lt;1&gt;</td>
</tr>
<tr>
<td>ASPARAGACEAE (AGAVOIDAE)</td>
<td>ASPARAGACEAE</td>
<td>kī</td>
<td>Pol O</td>
<td>&lt;1&gt;</td>
</tr>
<tr>
<td>CYPERACEAE</td>
<td>CYPERACEAE</td>
<td>nut grass</td>
<td>Nat O</td>
<td></td>
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<tr>
<td>LILIACEAE</td>
<td>LILIACEAE</td>
<td>amaryllis</td>
<td>Orn O</td>
<td>&lt;2&gt;</td>
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<td>POACEAE</td>
<td>POACEAE</td>
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<td></td>
</tr>
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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).

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>O</td>
<td>Occasional seen with some regularity</td>
</tr>
<tr>
<td>C</td>
<td>Common observed numerous times during the survey</td>
</tr>
<tr>
<td>A</td>
<td>Abundant found in large numbers; may be locally dominant.</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>FAMILY</th>
<th>ORDER</th>
<th>Common Name</th>
<th>Status</th>
<th>Relative Abundance</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GALLIFORMES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHASIANIDAE</td>
<td></td>
<td>Gallus gallus</td>
<td>NN 7</td>
<td></td>
</tr>
<tr>
<td><strong>COLUMBIFORMES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>COLUMBIDAE</td>
<td></td>
<td>Columba livia</td>
<td>NN 5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Streptopelia chinensis</td>
<td>NN 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Geopelia striata</td>
<td>NN 6</td>
<td></td>
</tr>
<tr>
<td><strong>CHARADRIIFORMES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHARADRIIDAE</td>
<td></td>
<td>Pluvialis fulva</td>
<td>IM 1†</td>
<td></td>
</tr>
<tr>
<td><strong>PELECANIFORMES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PASSERIFORMES</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ARDEIDAE</td>
<td></td>
<td>Bubulcus ibis</td>
<td>NN 1</td>
<td></td>
</tr>
<tr>
<td>ZOSTEROPIDAE</td>
<td></td>
<td>Zosterops japonicus</td>
<td>NN 2</td>
<td></td>
</tr>
<tr>
<td>STURNIDAE</td>
<td></td>
<td>Acridotheres tristis</td>
<td>NN 18</td>
<td></td>
</tr>
<tr>
<td>CARDINALIDAE</td>
<td></td>
<td>Cardinalis cardinalis</td>
<td>NN 1</td>
<td></td>
</tr>
<tr>
<td>THRAUPIDAE</td>
<td></td>
<td>Paroaria coronata</td>
<td>NN 3</td>
<td></td>
</tr>
<tr>
<td>FRINGILLIDAE</td>
<td></td>
<td>Haemorhous mexicanus</td>
<td>NN 5</td>
<td></td>
</tr>
<tr>
<td>PASSERIDAE</td>
<td></td>
<td>Passer domesticus</td>
<td>NN 9</td>
<td></td>
</tr>
</tbody>
</table>

Key to Table 2.

**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 ‘ōpe’ape‘a (*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.

References Cited


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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January 2022

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ACRONYMS AND ABBREVIATIONS

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>CalEEMod</td>
<td>California Emissions Estimator Model</td>
</tr>
<tr>
<td>CARB</td>
<td>California Air Resources Board</td>
</tr>
<tr>
<td>CH₄</td>
<td>Methane</td>
</tr>
<tr>
<td>CO</td>
<td>Carbon monoxide</td>
</tr>
<tr>
<td>CO₂</td>
<td>Carbon dioxide</td>
</tr>
<tr>
<td>CO₂e</td>
<td>Carbon dioxide equivalent</td>
</tr>
<tr>
<td>GHG</td>
<td>Greenhouse gas</td>
</tr>
<tr>
<td>GWP</td>
<td>Global warming potential</td>
</tr>
<tr>
<td>MAR</td>
<td>Mobility Analysis Report</td>
</tr>
<tr>
<td>MT</td>
<td>Metric tons</td>
</tr>
<tr>
<td>N₂O</td>
<td>Nitrous oxide</td>
</tr>
<tr>
<td>NAAQS</td>
<td>National Ambient Air Quality Standards</td>
</tr>
<tr>
<td>NOₓ</td>
<td>Nitrogen oxides</td>
</tr>
<tr>
<td>O₃</td>
<td>Ozone</td>
</tr>
<tr>
<td>Pb</td>
<td>Lead</td>
</tr>
<tr>
<td>PPM</td>
<td>Parts per million</td>
</tr>
<tr>
<td>PM₁₀</td>
<td>Particulate matter less than 10 microns</td>
</tr>
<tr>
<td>PM₂.₅</td>
<td>Particulate matter less than 2.5 microns</td>
</tr>
<tr>
<td>ROG</td>
<td>Reactive organic gases</td>
</tr>
<tr>
<td>SAAQS</td>
<td>State Ambient Air Quality Standards</td>
</tr>
<tr>
<td>SO₂</td>
<td>Sulfur dioxide</td>
</tr>
<tr>
<td>USEPA</td>
<td>United States Environmental Protection Agency</td>
</tr>
<tr>
<td>yr</td>
<td>Year</td>
</tr>
<tr>
<td>µg/m³</td>
<td>Micrograms per cubic meters</td>
</tr>
</tbody>
</table>
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 (NO₂), sulfur dioxide (SO₂), lead (Pb), ozone (O₃), and particulate matter (PM₁₀ and PM₂.₅). 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

<table>
<thead>
<tr>
<th>Parameter</th>
<th>State Standard</th>
<th>Federal Standard</th>
<th>Ambient Air Quality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ozone</td>
<td>8-Hour 0.08 ppm Attainment</td>
<td>0.070ppm Attainment</td>
<td></td>
</tr>
<tr>
<td>Carbon Monoxide</td>
<td>1-Hour 9 ppm Attainment</td>
<td>35 ppm Attainment</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8-Hour 4.4 ppm Attainment</td>
<td>9 ppm Attainment</td>
<td></td>
</tr>
<tr>
<td>Nitrogen Dioxide</td>
<td>1-Hour --</td>
<td>0.100 ppm Attainment</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Annual 0.04 ppm Attainment</td>
<td>0.053 ppm Attainment</td>
<td></td>
</tr>
<tr>
<td>Sulfur Dioxide</td>
<td>1-Hour --</td>
<td>0.075 ppm Attainment</td>
<td></td>
</tr>
<tr>
<td></td>
<td>3-Hour 0.5 ppm Attainment</td>
<td>--</td>
<td></td>
</tr>
<tr>
<td></td>
<td>24-Hour 0.14 ppm Attainment</td>
<td>--</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Annual 0.03 ppm Attainment</td>
<td>--</td>
<td></td>
</tr>
<tr>
<td>Particulate Matter (PM&lt;sub&gt;10&lt;/sub&gt;)</td>
<td>24-Hour 150 µg/m&lt;sup&gt;3&lt;/sup&gt; Attainment</td>
<td>150 µg/m&lt;sup&gt;3&lt;/sup&gt; Attainment</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Annual 50 µg/m&lt;sup&gt;3&lt;/sup&gt; Attainment</td>
<td>--</td>
<td></td>
</tr>
<tr>
<td>Particulate Matter – Fine (PM&lt;sub&gt;2.5&lt;/sub&gt;)</td>
<td>24-Hour --</td>
<td>35 µg/m&lt;sup&gt;3&lt;/sup&gt; Attainment</td>
<td>3.0 µg/m&lt;sup&gt;3&lt;/sup&gt;</td>
</tr>
<tr>
<td></td>
<td>Annual --</td>
<td>12 µg/m&lt;sup&gt;3&lt;/sup&gt; Attainment</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
-- = no standard available
µg/m<sup>3</sup> = micrograms per cubic meter
ppm = parts per million

PM<sub>2.5</sub> 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<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), and several chlorofluorocarbons. GHGs are commonly quantified in the equivalent mass of CO<sub>2</sub>, denoted CO<sub>2</sub>e, 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

<table>
<thead>
<tr>
<th>Activity</th>
<th>Start</th>
<th>Duration</th>
<th>Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demolition</td>
<td>January 2022</td>
<td>20 days</td>
<td>1 Industrial saw</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3 Excavators</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2 Rubber-tired dozers</td>
</tr>
<tr>
<td>Site Preparation</td>
<td>January 2022</td>
<td>5 days</td>
<td>3 Rubber-tired dozers</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4 tractors</td>
</tr>
<tr>
<td>Grading</td>
<td>February 2022</td>
<td>8 days</td>
<td>1 Excavator</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 Grader</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 Rubber-tired dozer</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3 Tractors</td>
</tr>
<tr>
<td>Structure</td>
<td>February 2022</td>
<td>230 days</td>
<td>1 Crane</td>
</tr>
<tr>
<td>Construction</td>
<td></td>
<td></td>
<td>3 Forklifts</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 Generator set</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3 Tractors</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 Welder</td>
</tr>
<tr>
<td>Paving</td>
<td>December 2022</td>
<td>18 days</td>
<td>2 Cement mixers</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 Paver</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2 Paving equipment</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>2 Rollers</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1 Tractor</td>
</tr>
<tr>
<td>Architectural</td>
<td>December 2022</td>
<td>18 days</td>
<td>1 Air compressor</td>
</tr>
<tr>
<td>Coating</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Table 3. Estimated Proposed Construction Emissions (Tons per Year)

<table>
<thead>
<tr>
<th>Construction Year</th>
<th>ROG</th>
<th>NOx</th>
<th>CO</th>
<th>SO$_2$</th>
<th>PM$_{10}$</th>
<th>PM$_{2.5}$</th>
<th>CO$_2$e (MT/yr)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2022</td>
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CO - carbon dioxide; CO$_2$e - 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)

<table>
<thead>
<tr>
<th>Source</th>
<th>ROG</th>
<th>NOx</th>
<th>CO</th>
<th>SO$_2$</th>
<th>PM$_{10}$</th>
<th>PM$_{2.5}$</th>
<th>CO$_2$e (MT/yr)</th>
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</thead>
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<td>Mobile</td>
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<tr>
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<tr>
<td>TOTAL</td>
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<td>4.28</td>
<td>9.88</td>
<td>0.034</td>
<td>2.86</td>
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<td>5,066</td>
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AD – awaiting data; CO - carbon dioxide; CO$_2$e - 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.
6 REFERENCES

California Air Pollution Control Officers Association (CAPCOA). 2016. California Emissions Estimator Model. CalEEMod Version 2016.3.2


APPENDIX A

Air Quality Calculations
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

<table>
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<tr>
<th>Land Uses</th>
<th>Size</th>
<th>Metric</th>
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<th>Floor Surface Area</th>
<th>Population</th>
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</table>

#### 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 -

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### 2.0 Emissions Summary

#### 2.1 Overall Construction

**Unmitigated Construction**

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<th>SO2</th>
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<th>Fugitive PM2.5</th>
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<th>CH4</th>
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<th>CO2e</th>
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**Mitigated Construction**

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#### Percent Reduction

| 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

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**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

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**Trips and VMT**
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### 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**

| Category          | 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 |
|-------------------|-----|-----|-----|-----|---------------|--------------|------------|---------------|--------------|-------------|-----------|----------|----------|-----------|-----|-----|------|
| Fugitive Dust     |     |     |     |     | 3.840e-003    | 0.0000       | 3.840e-003 | 5.800e-004    | 0.0000       | 5.800e-004  | 0.0000   | 0.0000   | 0.0000   | 0.0000   |
| Off-Road          | 0.0224 | 0.2088 | 0.1971 | 3.900e-004 | 9.600e-003 | 9.600e-003 | 8.920e-003 | 8.920e-003 | 0.0000 | 33.9961 | 33.9961 | 9.5100e-003 | 0.0000 | 34.2338 |
| Total             | 0.0224 | 0.2088 | 0.1971 | 3.900e-004 | 3.840e-003 | 9.600e-003 | 0.0134 | 5.800e-004 | 8.920e-003 | 9.500e-003 | 0.0000 | 33.9961 | 33.9961 | 9.5100e-003 | 0.0000 | 34.2338 |
### Unmitigated Construction Off-Site

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### 3.3 Site Prep - 2024

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## Mitigated Construction On-Site

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### 3.5 Residential Building - Foundation - 2024

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3.5 Residential Building - Foundation - 2025
Unmitigated Construction On-Site

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### 3.6 Residential Building - Shell & Core - 2024

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### 3.6 Residential Building - Shell & Core - 2025

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### Mitigated Construction Off-Site
### 3.7 Residential Building - Building - 2025

**Unmitigated Construction On-Site**

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### 3.8 Office Building - Foundation - 2025

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**3.9 Office Building - Shell & Core - 2025**

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3.10 Office Building - Building - 2025
Unmitigated Construction On-Site

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Mitigated Construction On-Site

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### 3.10 Office Building - Building - 2026

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**Unmitigated Construction Off-Site**

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### 3.11 Paving - 2026

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### 3.12 Arch Coating - 2026

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#### Unmitigated Construction Off-Site

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<th>Exhaust PM10</th>
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<th>Fugitive PM2.5</th>
<th>Exhaust PM2.5</th>
<th>PM2.5 Total</th>
<th>Bio-CO2</th>
<th>NBio-CO2</th>
<th>Total CO2</th>
<th>CH4</th>
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<th>CO2e</th>
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Unmitigated Construction Off-Site
## Mitigated Construction On-Site

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<th>Exhaust PM2.5</th>
<th>PM2.5 Total</th>
<th>Bio- CO2</th>
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## Mitigated Construction Off-Site

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<th>Exhaust PM2.5</th>
<th>PM2.5 Total</th>
<th>Bio- CO2</th>
<th>NBio- CO2</th>
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4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

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<th>Exhaust PM2.5</th>
<th>PM2.5 Total</th>
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<th>Total CO2</th>
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<th>CO2e</th>
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<tr>
<td>Mitigated</td>
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<td>2.8343</td>
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<tr>
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4.2 Trip Summary Information

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<th>Average Daily Trip Rate</th>
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<td>3,397,742</td>
<td>3,397,742</td>
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<td>Day-Care Center</td>
<td>174.00</td>
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<td>Enclosed Parking Structure</td>
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<tr>
<td>General Office Building</td>
<td>304.00</td>
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<td>726,485</td>
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<tr>
<td>Health Club</td>
<td>0.00</td>
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4.3 Trip Type Information

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### 4.4 Fleet Mix

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<th>LDT2</th>
<th>MDV</th>
<th>LHD1</th>
<th>LHD2</th>
<th>MHD</th>
<th>HHD</th>
<th>OBUS</th>
<th>UBUS</th>
<th>MCY</th>
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<tbody>
<tr>
<td>Condo/Townhouse High Rise</td>
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<td>0.037652</td>
<td>0.194882</td>
<td>0.109048</td>
<td>0.014568</td>
<td>0.005292</td>
<td>0.020033</td>
<td>0.046261</td>
<td>0.002128</td>
<td>0.001655</td>
<td>0.005320</td>
<td>0.000812</td>
<td>0.000780</td>
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<tr>
<td>Day-Care Center</td>
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<tr>
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<td>Junior College (2Yr)</td>
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<td>0.046261</td>
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<td>0.001655</td>
<td>0.005320</td>
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<tr>
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### 5.0 Energy Detail

Historical Energy Use: N

### 5.1 Mitigation Measures Energy
### 5.2 Energy by Land Use - NaturalGas

#### Unmitigated

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<th>Exhaust PM2.5</th>
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<th>Bio- CO2</th>
<th>NBio- CO2</th>
<th>Total CO2</th>
<th>CH4</th>
<th>N2O</th>
<th>CO2e</th>
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</thead>
<tbody>
<tr>
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<td>0.0131</td>
<td>0.0131</td>
<td>0.0131</td>
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</tr>
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</table>

#### Mitigated
<table>
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<tr>
<th>Land Use</th>
<th>kBTU/yr</th>
<th>ROG</th>
<th>NOx</th>
<th>CO</th>
<th>SO2</th>
<th>Fugitive PM10</th>
<th>Exhaust PM10</th>
<th>PM10 Total</th>
<th>Fugitive PM2.5</th>
<th>Exhaust PM2.5</th>
<th>PM2.5 Total</th>
<th>Bio- CO2</th>
<th>NBio- CO2</th>
<th>Total CO2</th>
<th>CH4</th>
<th>N2O</th>
<th>CO2e</th>
</tr>
</thead>
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<tr>
<td>Condo/Townhouse</td>
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<td>8.3000e-003</td>
<td>8.3000e-003</td>
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<td>118.9278</td>
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<tr>
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</tr>
<tr>
<td>Day-Care Center</td>
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<td>1.4500e-003</td>
<td>1.2200e-003</td>
<td>1.0000e-005</td>
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<tr>
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<td>0.1661</td>
<td>0.0970</td>
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<td>0.0131</td>
<td>0.0131</td>
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5.3 Energy by Land Use - Electricity

Unmitigated
### 6.0 Area Detail

<table>
<thead>
<tr>
<th>Land Use</th>
<th>Electricity Use (kW/yr)</th>
<th>Total CO2 (t)</th>
<th>CH4 (t)</th>
<th>N2O (t)</th>
<th>CO2e (t)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condo/Townhouse</td>
<td>127,938</td>
<td>681.226</td>
<td>0.0168</td>
<td>3.4800</td>
<td>582.6831</td>
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<tr>
<td>High Rise</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Day-Care Center</td>
<td>6200</td>
<td>11.9026</td>
<td>3.4000</td>
<td>7.0000</td>
<td>11.9526</td>
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<td>3.7600</td>
<td>7.8000</td>
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<td>Enclosed Parking Structure</td>
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<td>426.5701</td>
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<td>6.7200</td>
<td>1.3900</td>
<td>232.6046</td>
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<td>18.8764</td>
<td>5.5000</td>
<td>1.1000</td>
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<tr>
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<td>29.2396</td>
<td>8.2000</td>
<td>1.7000</td>
<td>29.3104</td>
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<tr>
<td>(2Yr)</td>
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| Total                   | 1,492,6297              | 0.0432        | 8.9400  | 4.8900  | 1,496.374 |

**Mitigated Electricity Use**
### 6.1 Mitigation Measures Area

No Hearths Installed

<table>
<thead>
<tr>
<th>Category</th>
<th>ROG</th>
<th>NOx</th>
<th>CO</th>
<th>SO2</th>
<th>Fugitive PM10</th>
<th>Exhaust PM10</th>
<th>PM10 Total</th>
<th>PM2.5 Fugitive</th>
<th>Exhaust PM2.5</th>
<th>PM2.5 Total</th>
<th>Bio- CO2</th>
<th>NBio- CO2</th>
<th>Total CO2</th>
<th>CH4</th>
<th>N2O</th>
<th>CO2e</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitigated</td>
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<td>2.2315</td>
<td>1.2000e-004</td>
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<td>0.0124</td>
<td>0.0124</td>
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<td>3.6506</td>
<td>3.6506</td>
<td>3.5200e-003</td>
<td>0.0000</td>
<td>3.7384</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Unmitigated</td>
<td>20.9158</td>
<td>0.3933</td>
<td>25.4675</td>
<td>0.0422</td>
<td>3.2703</td>
<td>3.2703</td>
<td>3.2703</td>
<td>309.8873</td>
<td>133.6128</td>
<td>443.5001</td>
<td>0.2895</td>
<td>0.0244</td>
<td>458.0011</td>
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</table>

### 6.2 Area by SubCategory

#### Unmitigated

<table>
<thead>
<tr>
<th>SubCategory</th>
<th>ROG</th>
<th>NOx</th>
<th>CO</th>
<th>SO2</th>
<th>Fugitive PM10</th>
<th>Exhaust PM10</th>
<th>PM10 Total</th>
<th>PM2.5 Fugitive</th>
<th>Exhaust PM2.5</th>
<th>PM2.5 Total</th>
<th>Bio- CO2</th>
<th>NBio- CO2</th>
<th>Total CO2</th>
<th>CH4</th>
<th>N2O</th>
<th>CO2e</th>
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<tbody>
<tr>
<td>Architectural Coating</td>
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<td>0.0000</td>
<td>0.0000</td>
<td>0.0000</td>
<td>0.0000</td>
<td>0.0000</td>
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<td>0.0000</td>
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<td>0.0000</td>
<td>454.2626</td>
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<tr>
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<td>0.3676</td>
<td>23.2360</td>
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<td>3.2579</td>
<td>3.2579</td>
<td>3.2579</td>
<td>3.2579</td>
<td>3.2579</td>
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<td>458.0011</td>
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<tr>
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<td>0.0257</td>
<td>2.2315</td>
<td>1.2000e-004</td>
<td>0.0124</td>
<td>0.0124</td>
<td>0.0124</td>
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<td>3.6506</td>
<td>3.6506</td>
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<td>0.0000</td>
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<tr>
<td>Total</td>
<td>20.9158</td>
<td>0.3933</td>
<td>25.4675</td>
<td>0.0422</td>
<td>3.2703</td>
<td>3.2703</td>
<td>3.2703</td>
<td>309.8873</td>
<td>133.6128</td>
<td>443.5001</td>
<td>0.2895</td>
<td>0.0244</td>
<td>458.0011</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Mitigated

| SubCategory | 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 |
|-------------|-----|-----|-----|-----|---------------|--------------|------------|---------------|--------------|------------|----------|----------|-----------|--------|-----|-----|-----|
| Architectural Coating | 0.5602 | 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 |
| Consumer Products | 1.4644 | 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 |
| 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 | 0.0000 | 0.0000 |
| Landscaping | 0.0674 | 0.0257 | 2.2315 | 1.2000e-004 | 0.0124 | 0.0124 | 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 | 0.0124 | 0.0124 | 0.0000 | 3.6506 | 3.6506 | 3.5200e-003 | 0.0000 | 3.7384 |

#### 7.0 Water Detail

**7.1 Mitigation Measures Water**

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<tr>
<th>Category</th>
<th>Total CO2</th>
<th>CH4</th>
<th>N2O</th>
<th>CO2e</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mitigated</td>
<td>186.0031</td>
<td>0.9062</td>
<td>0.0223</td>
<td>215.3162</td>
</tr>
<tr>
<td>Unmitigated</td>
<td>186.0031</td>
<td>0.9062</td>
<td>0.0223</td>
<td>215.3162</td>
</tr>
</tbody>
</table>

#### 7.2 Water by Land Use

**Unmitigated**
<table>
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<th>Land Use</th>
<th>Mgal</th>
<th>MT/yr</th>
<th>Total CO2</th>
<th>CH4</th>
<th>N2O</th>
<th>CO2e</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condo/Townhouse</td>
<td>19.54</td>
<td></td>
<td>128.9335</td>
<td>0.6405</td>
<td>0.0158</td>
<td>149.65</td>
</tr>
<tr>
<td>High Rise</td>
<td>12.32</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Day-Care Center</td>
<td>0.2144</td>
<td>0.5514</td>
<td>2.7960</td>
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<td>1.8000e-004</td>
<td>3.0267</td>
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<td>Enclosed Parking</td>
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<td>0.0000</td>
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<tr>
<td>Structure</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Office Building</td>
<td>6.7538</td>
<td>4.1394</td>
<td>44.1580</td>
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<tr>
<td>Health Club</td>
<td>0.2957</td>
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<td>9.6900e-003</td>
<td>2.4000e-004</td>
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<td>Junior College (2Yr)</td>
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<td>0.0000</td>
<td>0.0000</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>186.0031</td>
<td>0.9063</td>
<td>0.0223</td>
<td>215.3162</td>
</tr>
</tbody>
</table>

**Mitigated**

<table>
<thead>
<tr>
<th>Land Use</th>
<th>Mgal</th>
<th>MT/yr</th>
<th>Total CO2</th>
<th>CH4</th>
<th>N2O</th>
<th>CO2e</th>
</tr>
</thead>
<tbody>
<tr>
<td>Condo/Townhouse</td>
<td>19.54</td>
<td></td>
<td>128.9335</td>
<td>0.6405</td>
<td>0.0158</td>
<td>149.65</td>
</tr>
<tr>
<td>High Rise</td>
<td>12.32</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Day-Care Center</td>
<td>0.2144</td>
<td>0.5514</td>
<td>2.7960</td>
<td>7.0700e-003</td>
<td>1.8000e-004</td>
<td>3.0267</td>
</tr>
<tr>
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<td>0.0000</td>
<td>0.0000</td>
<td>0.0000</td>
<td>0.0000</td>
</tr>
<tr>
<td>Structure</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>General Office Building</td>
<td>6.7538</td>
<td>4.1394</td>
<td>44.1580</td>
<td>0.2213</td>
<td>5.4500e-003</td>
<td>51.3138</td>
</tr>
</tbody>
</table>
### Health Club
- **Category/Year**: Health Club
- **CO2**: 0.295716 / 0.181245
- **CH4**: 1.9334
- **N2O**: 9.6900e-003
- **CO2e**: 2.4000e-004
- **Total CO2e**: 215.3162

### Junior College (2Yr)
- **Category/Year**: Junior College (2Yr)
- **CO2**: 0.343343 / 0.537024
- **CH4**: 3.3287
- **N2O**: 0.0113
- **CO2e**: 2.8000e-004
- **Total CO2e**: 5.3679

### Library
- **Category/Year**: Library
- **CO2**: 0.500623 / 0.783025
- **CH4**: 4.8535
- **N2O**: 0.0165
- **CO2e**: 4.1000e-004
- **Total CO2e**: 5.3679

### Parking Lot
- **Category/Year**: Parking Lot
- **CO2**: 0 / 0
- **CH4**: 0.0000
- **N2O**: 0.0000
- **CO2e**: 0.0000
- **Total CO2e**: 0.0000

### Total
- **Category/Year**: Total
- **CO2**: 186.0031
- **CH4**: 0.9063
- **N2O**: 0.0223
- **CO2e**: 215.3162

## 8.0 Waste Detail

### 8.1 Mitigation Measures Waste

#### Category/Year

<table>
<thead>
<tr>
<th>Total CO2</th>
<th>CH4</th>
<th>N2O</th>
<th>CO2e</th>
</tr>
</thead>
<tbody>
<tr>
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<td>47.1284</td>
<td>2.7852</td>
<td>0.0000</td>
</tr>
<tr>
<td>Unmitigated</td>
<td>47.1284</td>
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## 8.2 Waste by Land Use

### Unmitigated

<table>
<thead>
<tr>
<th>Waste Disposed</th>
<th>Total CO2</th>
<th>CH4</th>
<th>N2O</th>
<th>CO2e</th>
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<tbody>
<tr>
<td>Land Use</td>
<td>tons</td>
<td>M1/yr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Land Use</td>
<td>Waste Disposed</td>
<td>Total CO2</td>
<td>CH4</td>
<td>N2O</td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------------</td>
<td>-----------</td>
<td>-----</td>
<td>-----</td>
</tr>
<tr>
<td>Condo/Townhouse High Rise</td>
<td>138</td>
<td>28.0128</td>
<td>1.6555</td>
<td>0.0000</td>
</tr>
<tr>
<td>Day-Care Center</td>
<td>6.5</td>
<td>1.3194</td>
<td>0.0780</td>
<td>0.0000</td>
</tr>
<tr>
<td>Enclosed Parking Structure</td>
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<td>35.34</td>
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<td>0.4240</td>
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<tr>
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<td>28.5</td>
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<tr>
<td>Junior College (2Yr)</td>
<td>9.1</td>
<td>1.8472</td>
<td>0.1092</td>
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<td>Library</td>
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<tr>
<td>Parking Lot</td>
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<td>0.0000</td>
<td>0.0000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>47.1284</td>
<td>2.7852</td>
<td>0.0000</td>
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</table>

**Mitigated**

<table>
<thead>
<tr>
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<th>Waste Disposed</th>
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<th>CH4</th>
<th>N2O</th>
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</tr>
</thead>
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<tr>
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<td>0.0000</td>
</tr>
<tr>
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<td>17.7725</td>
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<td>14.3327</td>
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<tr>
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### 9.0 Operational Offroad

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<th>Days/Year</th>
<th>Horse Power</th>
<th>Load Factor</th>
<th>Fuel Type</th>
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<tbody>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
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<td>0.0000</td>
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### 10.0 Stationary Equipment

#### Fire Pumps and Emergency Generators

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<th>Hours/Year</th>
<th>Horse Power</th>
<th>Load Factor</th>
<th>Fuel Type</th>
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#### User Defined Equipment

<table>
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### 11.0 Vegetation
Appendix D

Acoustic Study
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<td>LAND USE COMPATIBILITY WITH YEARLY AVERAGE DAY-NIGHT AVERAGE SOUND LEVEL (DNL) AT A SITE FOR BUILDINGS AS COMMONLY CONSTRUCTED</td>
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<th>TABLE TITLE</th>
<th>PAGE NO.</th>
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<td>EXTERIOR NOISE EXPOSURE CLASSIFICATION (RESIDENTIAL LAND USE)</td>
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<td>2</td>
<td>COMPARISONS OF 2017, 2020, AND 2021 TRAFFIC VOLUMES</td>
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<td>TRAFFIC AND BACKGROUND NOISE MEASUREMENT RESULTS</td>
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<td>BASE YEAR AND CY 2026 DISTANCES TO 65, 70, AND 75 DNL CONTOURS</td>
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<td>7</td>
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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 Kaahumanu 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.
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)

<table>
<thead>
<tr>
<th>NOISE EXPOSURE CLASS</th>
<th>DAY–NIGHT SOUND LEVEL</th>
<th>EQUIVALENT SOUND LEVEL</th>
<th>FEDERAL (1) STANDARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimal Exposure</td>
<td>Not Exceeding 55 DNL</td>
<td>Not Exceeding 55 Leq</td>
<td>Unconditionally Acceptable</td>
</tr>
<tr>
<td>Moderate Exposure</td>
<td>Above 55 DNL But Not Above 65 DNL</td>
<td>Above 55 Leq But Not Above 65 Leq</td>
<td>Acceptable(2)</td>
</tr>
<tr>
<td>Significant Exposure</td>
<td>Above 65 DNL But Not Above 75 DNL</td>
<td>Above 65 Leq But Not Above 75 Leq</td>
<td>Normally Unacceptable</td>
</tr>
<tr>
<td>Severe Exposure</td>
<td>Above 75 DNL</td>
<td>Above 75 Leq</td>
<td>Unacceptable</td>
</tr>
</tbody>
</table>

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.
<table>
<thead>
<tr>
<th>LAND USE</th>
<th>ADJUSTED YEARLY DAY-NIGHT AVERAGE SOUND LEVEL (DNL) IN DECIBELS</th>
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<tbody>
<tr>
<td>Residential - Single Family, Extensive Outdoor Use</td>
<td></td>
</tr>
<tr>
<td>Residential - Multiple Family, Moderate Outdoor Use</td>
<td></td>
</tr>
<tr>
<td>Residential - Multi-Story Limited Outdoor Use</td>
<td></td>
</tr>
<tr>
<td>Hotels, Motels Transient Lodging</td>
<td></td>
</tr>
<tr>
<td>School Classrooms, Libraries, Religious Facilities</td>
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</tr>
<tr>
<td>Hospitals, Clinics, Nursing Homes, Health Related Facilities</td>
<td></td>
</tr>
<tr>
<td>Auditoriums, Concert Halls</td>
<td></td>
</tr>
<tr>
<td>Music Shells</td>
<td></td>
</tr>
<tr>
<td>Sports Arenas, Outdoor Spectator Sports</td>
<td></td>
</tr>
<tr>
<td>Neighborhood Parks</td>
<td></td>
</tr>
<tr>
<td>Playgrounds, Golf courses, Riding Stables, Water Rec., Cemeteries</td>
<td></td>
</tr>
<tr>
<td>Office Buildings, Personal Services, Business and Professional</td>
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</tr>
<tr>
<td>Commercial - Retail, Movie Theaters, Restaurants</td>
<td></td>
</tr>
<tr>
<td>Commercial - Wholesale, Some Retail, Ind., Mfg., Utilities</td>
<td></td>
</tr>
<tr>
<td>Livestock Farming, Animal Breeding</td>
<td></td>
</tr>
<tr>
<td>Agriculture (Except Livestock)</td>
<td></td>
</tr>
</tbody>
</table>

- Compatible
- Marginally Compatible
- With Insulation per Section A.4
- Incompatible

**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)
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

<table>
<thead>
<tr>
<th>ROADWAY LANCES</th>
<th>REFERENCE 5 *** CY 2017 *** AM PEAK</th>
<th>HDOT COUNTS *** CY 2019 *** AM PEAK</th>
<th>REFERENCE 5 *** CY 2020 *** AM PEAK</th>
<th>HDOT COUNTS *** CY 2020 *** AM PEAK</th>
<th>3/8-9/21 COUNTS AM PEAK PERIOD</th>
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<tbody>
<tr>
<td>Kaahumanu Ave. Between Kane &amp; Lono (EB)</td>
<td>1,617</td>
<td>1,613</td>
<td>1,680</td>
<td>1,510</td>
<td>1,438</td>
</tr>
<tr>
<td>Kaahumanu Ave. Between Kane &amp; Lono (WB)</td>
<td>1,923</td>
<td>1,663</td>
<td>2,000</td>
<td>1,329</td>
<td>1,330</td>
</tr>
<tr>
<td>------------------------------------------</td>
<td>-----------------</td>
<td>-----------------</td>
<td>-----------------</td>
<td>-----------------</td>
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</tr>
<tr>
<td></td>
<td>3,540</td>
<td>3,276</td>
<td>3,680</td>
<td>2,839</td>
<td>2,788 7:00 to 8:00 AM</td>
</tr>
<tr>
<td>W. Kamehameha Ave. Between Kane &amp; Lono (EB)</td>
<td>214</td>
<td>440</td>
<td>250</td>
<td>316</td>
<td>327</td>
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<tr>
<td>W. Kamehameha Ave. Between Kane &amp; Lono (WB)</td>
<td>123</td>
<td>11,169</td>
<td>1,030</td>
<td>867</td>
<td>1,141</td>
</tr>
<tr>
<td>Two-Way</td>
<td>337</td>
<td>690</td>
<td>643</td>
<td>10:14 to 11:14 AM</td>
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<tr>
<td>Kahului Beach Rd. N. of Kaahumanu (NB)</td>
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<tr>
<td>Kahului Beach Rd. N. of Kaahumanu (SB)</td>
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<td>1,230</td>
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<td>7:15 to 8:15 AM</td>
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<tr>
<td>Two-Way</td>
<td>2,144</td>
<td>2,260</td>
<td>2,008</td>
<td>7:15 to 8:15 AM</td>
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<tr>
<td>Kane St. Between Kaahumanu &amp; Vevau (NB)</td>
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<td>185</td>
<td>122</td>
<td>167</td>
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<tr>
<td>Kane St. Between Kaahumanu &amp; Vevau (SB)</td>
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<td>230</td>
<td>122</td>
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<tr>
<td>Two-Way</td>
<td>368</td>
<td>415</td>
<td>289</td>
<td>8:35 to 9:35 AM</td>
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<td>Kane St. Between Vevau &amp; W. Kamehmeha (NB)</td>
<td>285</td>
<td>235</td>
<td>172</td>
<td>177</td>
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<tr>
<td>Kane St. Between Vevau &amp; W. Kamehmeha (SB)</td>
<td>216</td>
<td>235</td>
<td>172</td>
<td>177</td>
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<tr>
<td>Two-Way</td>
<td>501</td>
<td>455</td>
<td>349</td>
<td>8:08 to 9:08 AM</td>
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<tr>
<td>Lono Ave. Between Vevau &amp; W. Kamehmeha (NB)</td>
<td>293</td>
<td>330</td>
<td>150</td>
<td>183</td>
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<tr>
<td>Lono Ave. Between Vevau &amp; W. Kamehmeha (SB)</td>
<td>239</td>
<td>270</td>
<td>150</td>
<td>183</td>
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</tr>
<tr>
<td>Two-Way</td>
<td>532</td>
<td>600</td>
<td>333</td>
<td>9:20 to 10:20 AM</td>
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</tr>
<tr>
<td>Lono Ave. Between Vevau &amp; W. Kamehmeha (NB)</td>
<td>231</td>
<td>265</td>
<td>158</td>
<td>184</td>
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</tr>
<tr>
<td>Lono Ave. Between Vevau &amp; W. Kamehmeha (SB)</td>
<td>346</td>
<td>380</td>
<td>158</td>
<td>184</td>
<td></td>
</tr>
<tr>
<td>Two-Way</td>
<td>577</td>
<td>645</td>
<td>342</td>
<td>2:03 to 3:03 PM</td>
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</table>
### TABLE 3
TRAFFIC AND BACKGROUND NOISE MEASUREMENT RESULTS

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

**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, KAHAHUMANU AVE. AT KAHULUI BEACH RD./KANE ST.; 12/5/19

Hourly Average Sound Level (Leq) in dBA

Time of Day (Hours)

- 75 FT from Roadway Centerline (69.8 DNL)
FIGURE 4
HOURLY TRAFFIC NOISE LEVELS VS. TIME OF DAY
STA. B74003200210, KAHAUMANU AVE. AT KAHULUI BEACH RD./KANE ST.; 6/4/20

Hourly Average Sound Level (Leq) in dB

Time of Day (Hours)

- 75 FT from Roadway Centerline (68.8 DNL)
FIGURE 5
HOURLY TRAFFIC NOISE LEVELS VS. TIME OF DAY
STA. B74003200210, KAHAHUMANU AVE. AT KAHULUI BEACH RD./KANE ST.; 6/5/20

[Graph showing hourly average sound level in dB vs. time of day (hours), with data points indicating noise levels from 50 to 75 dB.]

- 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>
<thead>
<tr>
<th>LOCATION</th>
<th>SPEED (MPH)</th>
<th>TOTAL VPH</th>
<th>AUTOS</th>
<th>M TRUCKS</th>
<th>H TRUCKS</th>
<th>50' Leg</th>
<th>75' Leg</th>
<th>100' Leg</th>
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<td>3,539</td>
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<td>69</td>
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<td>1</td>
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<td>60.4</td>
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<td>2,127</td>
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<td>56</td>
<td>75.1</td>
<td>72.0</td>
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<td>2,127</td>
<td>51</td>
<td>56</td>
<td>73.0</td>
<td>70.0</td>
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<td>64.4</td>
<td>61.1</td>
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<td>2</td>
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<td>51.3</td>
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<td>5</td>
<td>58.8</td>
<td>55.3</td>
<td>52.8</td>
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<td>567</td>
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<td>7</td>
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<td>56.4</td>
<td>54.0</td>
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<td>61.7</td>
<td>57.8</td>
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<td>STREET SECTION</td>
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<td>70 DNL SETBACK (FT)</td>
<td>75 DNL SETBACK (FT)</td>
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<td>BASE YR.  CY 2026</td>
<td>BASE YR.  CY 2026</td>
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<tr>
<td>Kaahumanu Ave. Between Kane &amp; Lono</td>
<td>170  178</td>
<td>98  104</td>
<td>55   60</td>
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<td>54   58</td>
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<tr>
<td>Vevau St. Between Kane &amp; Lono</td>
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<td>&lt; 12  16</td>
<td>&lt; 12  &lt; 12</td>
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<td></td>
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<td></td>
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<tr>
<td>W. Kamehameha Ave. S. of Kane</td>
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<td>17   20</td>
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</tr>
<tr>
<td>W. Kamehameha Ave. Between Kane &amp; Lono</td>
<td>52   59</td>
<td>28  33</td>
<td>15   18</td>
<td></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>W. Kamehameha Ave. E. of Lono</td>
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<td>25  38</td>
<td>14   21</td>
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<td>95  104</td>
<td>53   59</td>
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</tr>
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<td>25  31</td>
<td>14   17</td>
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<tr>
<td>Kane St. (East Side) Between Kaahumanu &amp; Vevau</td>
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<td>12   15</td>
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<td>29  34</td>
<td>16   19</td>
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<td>26  31</td>
<td>14   17</td>
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<td>&lt; 12  &lt; 12</td>
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</tr>
<tr>
<td>Lono Ave. S. of W. Kamehameha</td>
<td>37   40</td>
<td>22  24</td>
<td>13   14</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 Lono 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)*

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

**CALCULATIONS OF PROJECT AND NON-PROJECT TRAFFIC NOISE CONTRIBUTIONS (CY 2026)**

(PEAK HOUR LEQ OR DNL)

<table>
<thead>
<tr>
<th>STREET SECTION</th>
<th>NON-PROJECT TRAFFIC</th>
<th>PROJECT TRAFFIC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaahumanu Ave. W. of Kane</td>
<td>0.8</td>
<td>0.1</td>
</tr>
<tr>
<td>Kaahumanu Ave. Between Kane &amp; Lono</td>
<td>0.6</td>
<td>0.1</td>
</tr>
<tr>
<td>Kaahumanu Ave. E. of Lono</td>
<td>0.5</td>
<td>0.1</td>
</tr>
<tr>
<td>Vevau St. Between Kane &amp; Lono</td>
<td>5.8</td>
<td>0.3</td>
</tr>
<tr>
<td>W. Kamehameha Ave. S. of Kane</td>
<td>1.0</td>
<td>0.2</td>
</tr>
<tr>
<td>W. Kamehameha Ave. Between Kane &amp; Lono</td>
<td>1.0</td>
<td>0.0</td>
</tr>
<tr>
<td>W. Kamehameha Ave. E. of Lono</td>
<td>3.6</td>
<td>0.1</td>
</tr>
<tr>
<td>Kahului Beach Rd. (East Side) N. of Kaahumanu</td>
<td>0.9</td>
<td>0.0</td>
</tr>
<tr>
<td>Kahului Beach Rd. (West Side) N. of Kaahumanu</td>
<td>0.9</td>
<td>0.0</td>
</tr>
<tr>
<td>Kane St. (West Side) Between Kaahumanu &amp; Vevau</td>
<td>1.7</td>
<td>0.4</td>
</tr>
<tr>
<td>Kane St. (East Side) Between Kaahumanu &amp; Vevau</td>
<td>1.6</td>
<td>0.4</td>
</tr>
<tr>
<td>Kane St. (West Side) Between Vevau &amp; W. Kamehameha</td>
<td>1.2</td>
<td>0.3</td>
</tr>
<tr>
<td>Kane St. (East Side) Between Vevau &amp; W. Kamehameha</td>
<td>1.2</td>
<td>0.3</td>
</tr>
<tr>
<td>Kane St. E. of W. Kamehameha</td>
<td>2.1</td>
<td>0.4</td>
</tr>
<tr>
<td>Lono Ave. Between Kaahumanu &amp; Vevau</td>
<td>1.3</td>
<td>0.1</td>
</tr>
<tr>
<td>Lono Ave. Between Vevau &amp; W. Kamehameha</td>
<td>1.3</td>
<td>0.0</td>
</tr>
<tr>
<td>Lono Ave. S. of W. Kamehameha</td>
<td>1.0</td>
<td>0.1</td>
</tr>
</tbody>
</table>
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 serve 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
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.


(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.


(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 unidentified 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" (NI) 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

<table>
<thead>
<tr>
<th>TERM</th>
<th>SYMBOL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. A-Weighted Sound Level</td>
<td>( L_A )</td>
</tr>
<tr>
<td>2. A-Weighted Sound Power Level</td>
<td>( L_{WA} )</td>
</tr>
<tr>
<td>3. Maximum A-Weighted Sound Level</td>
<td>( L_{max} )</td>
</tr>
<tr>
<td>4. Peak A-Weighted Sound Level</td>
<td>( L_{Apk} )</td>
</tr>
<tr>
<td>5. Level Exceeded x% of the Time</td>
<td>( L_X )</td>
</tr>
<tr>
<td>6. Equivalent Sound Level</td>
<td>( L_{eq} )</td>
</tr>
<tr>
<td>7. Equivalent Sound Level Over Time (T) (^{(1)})</td>
<td>( L_{eq(T)} )</td>
</tr>
<tr>
<td>8. Day Sound Level</td>
<td>( L_d )</td>
</tr>
<tr>
<td>9. Night Sound Level</td>
<td>( L_n )</td>
</tr>
<tr>
<td>10. Day-Night Sound Level</td>
<td>( L_{dn} )</td>
</tr>
<tr>
<td>11. Yearly Day-Night Sound Level</td>
<td>( L_{dn(Y)} )</td>
</tr>
<tr>
<td>12. Sound Exposure Level</td>
<td>( L_{SE} )</td>
</tr>
</tbody>
</table>

\(^{(1)}\) Unless otherwise specified, time is in hours (e.g. the hourly equivalent level is \( L_{eq(1)} \)). Time may be specified in non-quantiative terms (e.g., could be specified 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

<table>
<thead>
<tr>
<th>TERM</th>
<th>A-WEIGHTING</th>
<th>ALTERNATIVE (^{(1)})</th>
<th>OTHER (^{(2)})</th>
<th>UNWEIGHTED</th>
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<td>1. Sound (Pressure) (^{(3)}) Level</td>
<td>(L_A)</td>
<td>(L_{pA})</td>
<td>(L_{B}', L_{pB})</td>
<td>(L_p)</td>
</tr>
<tr>
<td>2. Sound Power Level</td>
<td>(L_{WA})</td>
<td></td>
<td>(L_{WB})</td>
<td>(L_W)</td>
</tr>
<tr>
<td>3. Max. Sound Level</td>
<td>(L_{max})</td>
<td>(L_{Amax})</td>
<td>(L_{Bmax})</td>
<td>(L_{pmax})</td>
</tr>
<tr>
<td>4. Peak Sound (Pressure) Level</td>
<td>(L_{Apk})</td>
<td></td>
<td>(L_{Bpk})</td>
<td>(L_{pk})</td>
</tr>
<tr>
<td>5. Level Exceeded x% of the Time</td>
<td>(L_x)</td>
<td>(L_{Ax})</td>
<td>(L_{Bx})</td>
<td>(L_{px})</td>
</tr>
<tr>
<td>6. Equivalent Sound Level</td>
<td>(L_{eq})</td>
<td>(L_{Aeq})</td>
<td>(L_{Beq})</td>
<td>(L_{peq})</td>
</tr>
<tr>
<td>7. Equivalent Sound Level (^{(4)}) Over Time(T)</td>
<td>(L_{eq(T)})</td>
<td>(L_{Aeq(T)})</td>
<td>(L_{Beq(T)})</td>
<td>(L_{peq(T)})</td>
</tr>
<tr>
<td>8. Day Sound Level</td>
<td>(L_d)</td>
<td>(L_{Ad})</td>
<td>(L_{Bd})</td>
<td>(L_{pd})</td>
</tr>
<tr>
<td>9. Night Sound Level</td>
<td>(L_n)</td>
<td>(L_{An})</td>
<td>(L_{Bn})</td>
<td>(L_{pn})</td>
</tr>
<tr>
<td>10. Day-Night Sound Level</td>
<td>(L_{dn})</td>
<td>(L_{Adn})</td>
<td>(L_{Bdn})</td>
<td>(L_{pdn})</td>
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<tr>
<td>11. Yearly Day-Night Sound Level</td>
<td>(L_{dn(Y)})</td>
<td>(L_{Adn(Y)})</td>
<td>(L_{Bdn(Y)})</td>
<td>(L_{pdn(Y)})</td>
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<tr>
<td>12. Sound Exposure Level</td>
<td>(L_S)</td>
<td>(L_{SA})</td>
<td>(L_{SB})</td>
<td>(L_{Sp})</td>
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<tr>
<td>13. Energy Average Value Over (Non-Time Domain) Set of Observations</td>
<td>(L_{eq(e)})</td>
<td>(L_{Aeq(e)})</td>
<td>(L_{Beq(e)})</td>
<td>(L_{peq(e)})</td>
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<td>14. Level Exceeded x% of the Total Set of (Non-Time Domain) Observations</td>
<td>(L_{x(e)})</td>
<td>(L_{Ax(e)})</td>
<td>(L_{Bx(e)})</td>
<td>(L_{px(e)})</td>
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<td>15. Average (L_x) Value</td>
<td>(L_x)</td>
<td>(L_{Ax})</td>
<td>(L_{Bx})</td>
<td>(L_{px})</td>
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</tbody>
</table>

\(^{(1)}\) "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 \(L_{eq(1)}\)). Time may be specified in non-quantitative terms (e.g., could be specified as \(L_{eq(WASH)}\) 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**

<table>
<thead>
<tr>
<th>ROADWAY LANES</th>
<th>***** CY 2017*****</th>
<th>***** CY 2026 (NO BUILD) *****</th>
<th>***** CY 2026 (BUILD) *****</th>
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<tr>
<td></td>
<td>AM</td>
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<td>AM</td>
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<tr>
<td>Kaahumanu Ave. W. of Kane (EB)</td>
<td>746</td>
<td>1,015</td>
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<td>904</td>
<td>1,320</td>
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<tr>
<td>Two-Way</td>
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<td>1,919</td>
<td>2,170</td>
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<td>W. Kamehameha Ave. E. of Lono (EB)</td>
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<td>W. Kamehameha Ave. E. of Lono (WB)</td>
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<td>Two-Way</td>
<td>764</td>
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<tr>
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<td>149</td>
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<td>270</td>
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<tr>
<td>Two-Way</td>
<td>368</td>
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<td>500</td>
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<td>Kane St. Between Vevau &amp; W. Kamehameha (NB)</td>
<td>182</td>
<td>238</td>
<td>275</td>
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<td>341</td>
<td>275</td>
</tr>
<tr>
<td>Two-Way</td>
<td>400</td>
<td>579</td>
<td>550</td>
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### SUMMARY OF BASE YEAR (2017) AND YEAR 2026 TRAFFIC VOLUMES
**DURING AM AND PM PEAK HOURS**

<table>
<thead>
<tr>
<th>ROADWAY LANES</th>
<th>***** CY 2017***</th>
<th>*** CY 2026 (NO BUILD) ***</th>
<th>*** CY 2026 (BUILD) ***</th>
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<td></td>
<td>AM</td>
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<td>Two-Way</td>
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<td>Lono Ave. Between Kaahumanu &amp; Vevau (NB)</td>
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<td>335</td>
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<td>Lono Ave. Between Kaahumanu &amp; Vevau (SB)</td>
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<td>237</td>
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<tr>
<td>Two-Way</td>
<td>430</td>
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<td>Lono Ave. Between Vevau &amp; W. Kamehmeha (NB)</td>
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<tr>
<td>Lono Ave. Between Vevau &amp; W. Kamehmeha (SB)</td>
<td>239</td>
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<td>330</td>
</tr>
<tr>
<td>Two-Way</td>
<td>532</td>
<td>577</td>
<td>725</td>
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<tr>
<td>Lono Ave. S. of W. Kamehameha (NB)</td>
<td>299</td>
<td>174</td>
<td>410</td>
</tr>
<tr>
<td>Lono Ave. S. of W. Kamehameha (SB)</td>
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</tr>
<tr>
<td>Two-Way</td>
<td>447</td>
<td>379</td>
<td>630</td>
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</tbody>
</table>
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Preliminary Engineering Report
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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 Access

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

<table>
<thead>
<tr>
<th>Drainage Basin</th>
<th>Runoff Coefficient, C</th>
<th>Corrected Rainfall, ( i_{50} )</th>
<th>Area(acres)</th>
<th>Runoff, ( Q_{50}(\text{cfs}) )</th>
<th>Discharge Point</th>
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<td>E1</td>
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<td>4.83</td>
<td>0.24</td>
<td>0.41</td>
<td>Catch Basin CB-2</td>
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<tr>
<td>E4</td>
<td>0.60</td>
<td>3.71</td>
<td>4.11</td>
<td>1.94</td>
<td>E-4 Pond (15,349 CF retained)</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>4.72</td>
<td>3.09</td>
<td></td>
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</table>

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.
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

<table>
<thead>
<tr>
<th>Building</th>
<th>Area/Unit</th>
<th>Conversion</th>
<th>Capita</th>
<th>Wastewater Flow Contribution</th>
<th>Avg. Wastewater Flow (gal/day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential</td>
<td>300 units</td>
<td>255 gal/unit/day</td>
<td>76,500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Retail</td>
<td>5,000 sf</td>
<td>1 employee/350 sf</td>
<td>15 employees</td>
<td>15 gal/employee/day</td>
<td>225</td>
</tr>
<tr>
<td>D AGS Office/School</td>
<td>45,000 sf</td>
<td>1 employee/200 sf</td>
<td>225 employees</td>
<td>20 gal/employee/day</td>
<td>4,500</td>
</tr>
<tr>
<td>Library</td>
<td>16,000 sf</td>
<td>1 employee/500 sf</td>
<td>32 employees</td>
<td>15 gal/employee/day</td>
<td>480</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>81,705</td>
</tr>
</tbody>
</table>
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 #KA01000800) 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:**

<table>
<thead>
<tr>
<th>Total Area (sq. ft.)</th>
<th>Land Use</th>
<th>Average Daily Consumption Rates (gal/sq. ft)</th>
<th>Average Daily Demand (gal/day)</th>
<th>Max Daily Demand (gal/day)</th>
<th>Peak Hour (gal/day)</th>
<th>Exemption from Administrative Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>5,000</td>
<td>Retail</td>
<td>140/1000</td>
<td>700</td>
<td>1,050</td>
<td>2,100</td>
<td>Not Exempt</td>
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</table>
Kahului DAGS Office, School and Library:

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

Kahului Residential:

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

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.
FIGURE 1: LOCATION MAP
FIGURE 2: SOILS MAP
FIGURE 3: FLOOD ZONE MAP
FIGURE 4: STRIPING AND ROADWAY IMPROVEMENTS
FIGURE 5: MULTIMODAL CIRCULATION

- Add Posted Speed Limit
- Shared-use path along site frontage
- Bicyclists share low-speed street
- Stop Control or RRFB
- Potential Curb Extension
- Low-volume, low-speed street for bicyclists

Note: Direct access is not provided to 3rd St or Veau Bus Hub due to respective property owner objections.
Hyd. No. 1

EXISTING BASIN 1

Hydrograph type = Rational
Storm frequency = 50 yrs
Time interval = 1 min
Drainage area = 0.214 ac
Intensity = 4.826 in/hr
IDF Curve = 218071-01 Kahului.IDF

Peak discharge = 0.361 cfs
Time to peak = 0.33 hrs
Hyd. volume = 434 cuft
Runoff coeff. = 0.35
Tc by User = 20.00 min
Asc/Rec limb fact = 1/1
## Hyd. No. 2

**EXISTING BASIN 2**

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

The graph shows the Hydrograph for Hyd. No. 2 with a peak discharge of 0.383 cfs and a time to peak of 0.17 hours. The storm frequency is 50 years, and the drainage area is 0.162 acres. The runoff coefficient is 0.35, and the intensity is 6.768 inches per hour. The time constant by the user is 10.00 minutes. The IDF Curve used is 218071-01 Kahului.IDF with an Asc/Rec limb factor of 1/1.
### EXISTING BASIN 3

<table>
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<tr>
<th>Parameter</th>
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<tr>
<td>Hydrograph type</td>
<td>Rational</td>
</tr>
<tr>
<td>Storm frequency</td>
<td>50 yrs</td>
</tr>
<tr>
<td>Time interval</td>
<td>1 min</td>
</tr>
<tr>
<td>Drainage area</td>
<td>0.244 ac</td>
</tr>
<tr>
<td>Intensity</td>
<td>4.826 in/hr</td>
</tr>
<tr>
<td>IDF Curve</td>
<td>218071-01 Kahului.IDF</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak discharge</td>
<td>0.412 cfs</td>
</tr>
<tr>
<td>Time to peak</td>
<td>0.33 hrs</td>
</tr>
<tr>
<td>Hyd. volume</td>
<td>495 cuft</td>
</tr>
<tr>
<td>Runoff coeff.</td>
<td>0.35</td>
</tr>
<tr>
<td>Tc by User</td>
<td>20.00 min</td>
</tr>
<tr>
<td>Asc/Rec limb fact</td>
<td>1/1</td>
</tr>
</tbody>
</table>

![Graph](image.png)
Hydrograph Report

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

EXISTING BASIN 4
Hyd. No. 4 -- 50 Year

Q (cfs)
10.00
8.00
6.00
4.00
2.00
0.00

0.0 0.2 0.3 0.5 0.7 0.8 1.0 1.2
Time (hrs)

Q (cfs)
10.00
8.00
6.00
4.00
2.00
0.00

Hyd No. 4
Hyd. No. 5
EX BASIN 4 TO EX POND

Hydrograph type = Reservoir
Storm frequency = 50 yrs
Time interval = 1 min
Inflow hyd. No. = 4 - EXISTING BASIN 4
Reservoir name = EXISTING POND

Peak discharge = 1.942 cfs
Time to peak = 0.95 hrs
Hyd. volume = 9,042 cuft
Max. Elevation = 7.44 ft
Max. Storage = 15,349 cuft

Total storage used = 15,349 cuft
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

PROPOSED BASIN 1
Hyd. No. 6 -- 50 Year

Q (cfs)

Q (cfs)

0.00 0.00 24.00 24.00
0.1 0.1 0.1 0.1
0.2 0.2 0.2 0.2
0.3 0.3 0.3 0.3
0.4 0.4 0.4 0.4
0.5 0.5 0.5 0.5

Time (hrs)

Hyd No. 6
Hyd. No. 7

PROPBASIN4TOPROPPOND

Hydrograph type = Reservoir  
Storm frequency = 50 yrs  
Time interval = 1 min  
Inflow hyd. No. = 6 - PROPOSED BASIN 1  
Reservoir name = HHFDC

Peak discharge = 1.855 cfs  
Time to peak = 0.52 hrs  
Hyd. volume = 8,408 cuft  
Max. Elevation = 4.31 ft  
Max. Storage = 19,855 cuft

Storage Indication method used.

Total storage used = 19,855 cuft
KAHULUI CIVIC CENTER

MIXED-USE COMPLEX

PRELIMINARY ENGINEERING REPORT

April 8, 2021

Prepared By:

ECM
130 N. Market Street
Wailuku HI 96793-1716
(808) 242-8070
(808) 244-9539 fax
Email: 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>
<thead>
<tr>
<th>Unit Type</th>
<th>Number</th>
<th>MECO Estimate</th>
<th>NEC Estimate</th>
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<tr>
<td></td>
<td></td>
<td>Unit kW</td>
<td>Total kW</td>
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<tr>
<td>Multi-Family Units</td>
<td>300</td>
<td>5</td>
<td>1,500</td>
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<tr>
<td>Commercial Building - DAGS Offices, Library, Adult School, Retail</td>
<td>1</td>
<td>600</td>
<td>1,200</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td><strong>1,550</strong></td>
<td><strong>2,280</strong></td>
</tr>
</tbody>
</table>
**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.
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
Phase I Environmental Site Assessment

153 West Kaahumanu Avenue
Kahului, Hawaii

Prepared by:
ENPRO Environmental
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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™**

<table>
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<th>Acceptable (†)</th>
<th>Routine Solution</th>
<th>Phase II ESA</th>
<th>Estimated Cost (‡)</th>
<th>Report Reference Section</th>
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<tr>
<td>Solid Waste</td>
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<td>X</td>
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<tr>
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<td></td>
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<tr>
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<tr>
<td>Significant Data Gaps</td>
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<td></td>
<td></td>
<td></td>
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<td>9.2</td>
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</tbody>
</table>

(†) = 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.
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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

<table>
<thead>
<tr>
<th>Location Description</th>
<th>Project Site</th>
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<tr>
<td>Address</td>
<td>153 West Ka’ahumanu Avenue, Kahului, Hawaii</td>
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<tr>
<td>TMK</td>
<td>(2) 3-7-004: 003</td>
</tr>
<tr>
<td>Latitude (North)</td>
<td>20° 53’ 19.3’’</td>
</tr>
<tr>
<td>Longitude (West)</td>
<td>-156° 28’ 18.6’’</td>
</tr>
<tr>
<td>Elevation</td>
<td>Less than 10 feet above sea level</td>
</tr>
<tr>
<td>Distance and Direction to Surface Waters</td>
<td>Pacific Ocean, approximately 620 feet to the north of the property</td>
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</table>
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>
<thead>
<tr>
<th>Tax Map Key</th>
<th>Date</th>
<th>Property Transaction</th>
</tr>
</thead>
<tbody>
<tr>
<td>(2) 3-7-004: 003</td>
<td>1955</td>
<td>Owned by Territory of Hawaii (Kahului School)</td>
</tr>
<tr>
<td>(2) 3-7-004: 003</td>
<td>1963</td>
<td>Owned by State of Hawaii (Kahului School)</td>
</tr>
<tr>
<td>(2) 3-7-004: 003</td>
<td>1973</td>
<td>Reversionary permit to Maui Economic Opportunity Inc. Rented to operate a farmer’s booth</td>
</tr>
<tr>
<td>(2) 3-7-004: 003</td>
<td>04/07/94</td>
<td>Release of Reversionary Interest from A&amp;B Hawaii Inc. to the State of Hawaii</td>
</tr>
</tbody>
</table>

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
Phase I Environmental Site Assessment

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 xylens (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 VAPOUR 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**

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

* Environmental feature(s) observed on adjoining or nearby property
Table 3 (Continued)

Site Inspection Findings

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

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

<table>
<thead>
<tr>
<th>Direction</th>
<th>Name</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>North</td>
<td>Kaahumanu Avenue&lt;br&gt;Maui Beach Hotel</td>
<td>Traffic Thoroughfare&lt;br&gt;Transient Accommodation</td>
</tr>
<tr>
<td>South</td>
<td>Vevau Street&lt;br&gt;Vacant Land</td>
<td>Traffic Thoroughfare&lt;br&gt;Under Development</td>
</tr>
<tr>
<td>East</td>
<td>School Street&lt;br&gt;Shell Gas Station&lt;br&gt;The Waterfront Apartments at Kahului</td>
<td>Traffic Thoroughfare&lt;br&gt;Fuel Station&lt;br&gt;Residential</td>
</tr>
<tr>
<td>West</td>
<td>Kane Street&lt;br&gt;Kaahumanu Shopping Center</td>
<td>Traffic Thoroughfare&lt;br&gt;Retail</td>
</tr>
</tbody>
</table>

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.
<table>
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<tr>
<th>Feature</th>
<th>Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pits, ponds, lagoons</td>
<td>Not observed</td>
</tr>
<tr>
<td>Stained soil or pavement</td>
<td>De minimis petroleum staining on the pavement in the lawnmower baseyard beneath and adjacent to the lawnmowers</td>
</tr>
<tr>
<td>Stressed vegetation</td>
<td>Not observed</td>
</tr>
<tr>
<td>Waste water features</td>
<td>Not observed</td>
</tr>
<tr>
<td>Septic systems</td>
<td>Not observed</td>
</tr>
</tbody>
</table>
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

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

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 I 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 conditions 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
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
Figure 1
TOPOGRAPHIC MAP

Scale: 1 inch = 2,000 feet

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

Scale: 1 inch = Approximately 200 feet

Source: qPublic.net 2010
Figure 3
SANBORN FIRE INSURANCE MAP, 1990

Scale: 1 inch = Approximately 90 feet
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
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
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

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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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:**

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### SUBJECT QUAD:

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**Historical Topographic Map 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: 02/20/2019

---
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: 02/20/2019

MAP NAME: Wailuku
MAP YEAR: 1977
REVISION YEAR: N/R
SERIES: 7.5
SCALE: 1 : 24000
Part 1
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![Map of Kahului Site](image)
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

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<th>YEAR</th>
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<td>1974</td>
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<td>1992</td>
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<tr>
<td>2000</td>
<td>1&quot; = 500'</td>
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FLIGHT YEAR:
1950

Scale: 1" = 500'
FLIGHT YEAR:
1992

Subject Cannot Be Centered

Scale: 1" = 1,000'
MAUI COUNTY PARCEL HISTORY (TT102) FOR:

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<td>FROM: 3704-13 18,050 SF OR 0.414 AC</td>
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<tr>
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<td>PER EO 3586 DTD 5/20/93.</td>
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<td>FROM: A&amp;B-HAWAII INC TO: STATE OF HAWAII</td>
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<tr>
<td>PURPOSES: RELEASE OF REVERSIONARY INTEREST &amp; FOR KAHULUI CI VIC CENTER</td>
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<tr>
<td>CONSIDERATION: $1,693,000.00</td>
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<tr>
<td>DATE OF DOCUMENT: 2/17/93</td>
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<tr>
<td>- PARCEL A PROPOSED KAHULUI CIVIC CENTER</td>
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<td>- KAHULUI WAILUKU MAUI 56,441 SF</td>
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<tr>
<td>TMK 3-7-04:3</td>
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<td>F/D: KEYED ONLY-QUITCLAIM REVERSIONARY INT</td>
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<tr>
<td>(18050 SF) DROPPED INTO 3704-13 (NEW)</td>
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<td>F/D: AREA, BDRY</td>
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---SEE HISTORY SHEET FOR MORE INFORMATION---
HI/107 1/20/56

Southwest Nat.
For Op. E345, T.17, S.E.

Route-Slip

1. As shown on the map

2. 200 more '39 3/30/56
2/20 Proved E704-6 Sold (D.351 Acre)
For Op. TIP 180 (2) to be used for road
widening.

Carry the following subareas:
(D.351 Acre)
(B.719 Acre)

to

Map in 370. folder

1/10
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<td>Territory of Hawaii</td>
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<td>[Partial details not legible]</td>
<td>0.377</td>
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<td>3</td>
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<td>do</td>
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<tr>
<td>4</td>
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<tr>
<td>5</td>
<td>[Partial details not legible]</td>
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*Note: Last area, quarter final data as shown on tax map.*
1. As shown on tax maps

2. TMB M-76 '55 HN/ely 1/20/56
   R/S: Parcel 3704-5 subd (0.251 Ac) Rd
   Par 30 FAP F-032 (2) to be used for road widening.
   F/D: 3704-5; Subd: Por Gr 3348

Carry the following subareas:

(0.251 Ac)
(5.719 Ac)

Map in 3701 folder
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<td>5.97 Ac</td>
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<td></td>
<td>TMB M-76 '55 HN/ely 1/20/56</td>
<td>5.97 Ac</td>
<td>KAHULUI SCHOOL</td>
<td>3 7 04 3</td>
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<td>F/D: 3704-3; Subd; Per Gr 3343</td>
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<td>3</td>
<td>TMB 611 '63(3703-1 etc)JT/sy 8/21/63</td>
<td>5.719 Ac</td>
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<td>Q/D: Rd par 30 (0.251 Ac) dropped into Road</td>
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<td>Bk 4543 p 140 Cons-1 4/5/63 7/1/63</td>
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<td>4</td>
<td>TMB M-10 '71-'72</td>
<td>5.572 Ac</td>
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<td>R/S: 3704-3, area revised to 5.713 Ac &amp;</td>
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<td></td>
<td>subd into Lots A(5.572 Ac) &amp; B(0.141 Ac)</td>
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<td>Lot B(0.141 Ac) dropped into Rd (KANE ST.)</td>
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<td>Rev Prmt No S-4986: State of Hawaii To:</td>
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NOTE: LAST AREA & GRANTEE FINAL DATA AS SHOWN ON TAX MAPS.
### Found 5 document(s).

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<td>CENTRAL PACIFIC BANK</td>
<td>MFS-MORTGAGE &amp; FINANCING STATEMENT</td>
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* Read about [document number formats](#).

** Read the [list of instrument codes](#).

Showing 1 to 5 of 5 entries.
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<td>PZUE</td>
<td>Puuone sand, 7 to 30 percent slopes</td>
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<td><strong>Totals for Area of Interest</strong></td>
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<td><strong>100.0%</strong></td>
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REGULATORY RECORDS
DOCUMENTATION
# Table of Contents

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<th>Page</th>
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<td>Executive Summary by Distance</td>
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<td>Executive Summary by Database</td>
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<td>Property Proximity Map</td>
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<td>Area Map</td>
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<td>Map Findings Summary</td>
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**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
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<th>SITE NAME</th>
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<th>RELATIVE ELEVATION</th>
<th>DIRECTION / DISTANCE</th>
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<td>28-10 BEECH RD</td>
<td>ECHO, FRS, RCRA_NONGEN</td>
<td>Lower NW</td>
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<td>OFFICE ENVIRONMENTAL QUAL CONT</td>
<td>28 10 BEACH RD</td>
<td>ECHO, FRS, RCRA_NONGEN</td>
<td>Lower NW</td>
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<td>137 KAHAUMANU AVE</td>
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</tr>
<tr>
<td>B4</td>
<td>SHELL OIL COMPANY</td>
<td>137 KAHAUMANU AVE</td>
<td>RCRA_NONGEN</td>
<td>Lower NNE</td>
<td>0.019 mi.</td>
</tr>
<tr>
<td>B5</td>
<td>MAUI PALMS HOTEL UST</td>
<td>150 KAHAUMANU AVE</td>
<td>SHWS - HI</td>
<td>Lower NNE</td>
<td>0.019 mi.</td>
</tr>
<tr>
<td>B6</td>
<td>ILIMA SHELL</td>
<td>137 W. KAHAUMANU AVENUE</td>
<td>LUST - HI, UST - HI</td>
<td>Lower NW</td>
<td>0.024 mi.</td>
</tr>
<tr>
<td>A7</td>
<td>JR DORAN INC. DBA CERAMIC TILE PLUS</td>
<td>25 S. KAHAUMANU ROAD</td>
<td>ECHO, FRS, RCRA_LQG</td>
<td>Lower NW</td>
<td>0.037 mi.</td>
</tr>
<tr>
<td>B8</td>
<td>PORT TOWN CHEVRON</td>
<td>109 KAHAUMANU AVE</td>
<td>LUST - HI, UST - HI</td>
<td>Lower NE</td>
<td>0.057 mi.</td>
</tr>
<tr>
<td>B9</td>
<td>PORT TOWN CHEVRON</td>
<td>109 W. KAHAUMANU AVE.</td>
<td>RCRA_CESQG</td>
<td>Lower NE</td>
<td>0.078 mi.</td>
</tr>
<tr>
<td>C10</td>
<td>MAUI PINEAPPLE CO LTD, KANE STREET ...</td>
<td>106 S KANE ST</td>
<td>I C - HI, SHWS - HI</td>
<td>Higher S</td>
<td>0.090 mi.</td>
</tr>
<tr>
<td>C11</td>
<td>MAUI PINEAPPLE CO LTD, KANE STREET ...</td>
<td>106 S KANE ST</td>
<td>I C - HI, SHWS - HI</td>
<td>Higher S</td>
<td>0.090 mi.</td>
</tr>
<tr>
<td>D12</td>
<td>THE WASH HOUSE</td>
<td>74 LONO AVE</td>
<td>HIST LUST - HI, UST - HI</td>
<td>Lower ESE</td>
<td>0.095 mi.</td>
</tr>
<tr>
<td>B13</td>
<td>32 LONO AVENUE</td>
<td>32 LONO AVE</td>
<td>SHWS - HI, SPILLS - HI</td>
<td>Lower ENE</td>
<td>0.096 mi.</td>
</tr>
<tr>
<td>B14</td>
<td>KAHAUMANU AVE &amp; LONO AVE</td>
<td>KAHAUMANU AVE &amp; LONO AVE</td>
<td>SPILLS - HI</td>
<td>Lower NE</td>
<td>0.102 mi.</td>
</tr>
<tr>
<td>D15</td>
<td>LLOYD'S KAHAULUI CHEVRON</td>
<td>130 W KAMEHAMEHA AVE</td>
<td>LUST - HI, UST - HI</td>
<td>Lower ESE</td>
<td>0.102 mi.</td>
</tr>
<tr>
<td>D16</td>
<td>KAHAULUI SERVICE, INC DBA LLOYD'S ...</td>
<td>130 W KAMEHAMEHA AVE</td>
<td>SHWS - HI, SPILLS - HI</td>
<td>Lower ESE</td>
<td>0.102 mi.</td>
</tr>
<tr>
<td>D17</td>
<td>CHEVRON 92619</td>
<td>130 W KAMEHAMEHA AVE</td>
<td>ECHO, FRS, RCRA_NONGEN</td>
<td>Lower ESE</td>
<td>0.102 mi.</td>
</tr>
<tr>
<td>C18</td>
<td>MAUI PINEAPPLE CO., LTD - CARP S</td>
<td>120 KANE ST</td>
<td>LUST - HI, UST - HI</td>
<td>Higher S</td>
<td>0.103 mi.</td>
</tr>
<tr>
<td>C19</td>
<td>MAUI PINEAPPLE COMPANY, LTD. - P</td>
<td>120 KANE ST</td>
<td>LUST - HI, UST - HI</td>
<td>Higher S</td>
<td>0.103 mi.</td>
</tr>
<tr>
<td>C20</td>
<td>MAUI PINEAPPLE CO. LTD -- KAULULI ...</td>
<td>120 KANE ST</td>
<td>LUST - HI, UST - HI</td>
<td>Higher S</td>
<td>0.103 mi.</td>
</tr>
<tr>
<td>C21</td>
<td>MAUI PINEAPPLE CO LTD, KANE STREET</td>
<td>120 KANE ST</td>
<td>SHWS - HI, SPILLS - HI</td>
<td>Higher S</td>
<td>0.103 mi.</td>
</tr>
<tr>
<td>C22</td>
<td>KAULULI CANNERY MAUI PINEAPPLE</td>
<td>120 KANE STREET</td>
<td>RCRA_NONGEN</td>
<td>Higher S</td>
<td>0.103 mi.</td>
</tr>
<tr>
<td>C23</td>
<td>CAMERON CHEMICAL CORP</td>
<td>120 KANE STREET, BUILDING...</td>
<td>ECHO, FRS, RCRA_NONGEN</td>
<td>Higher S</td>
<td>0.103 mi.</td>
</tr>
<tr>
<td>D24</td>
<td>MECO TRANSFORMER 5317</td>
<td>95 LONO AVE</td>
<td>SPILLS - HI</td>
<td>Lower ESE</td>
<td>0.105 mi.</td>
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<tr>
<td>25</td>
<td>BREWER ENVIRONMENTAL INDUSTRIE...</td>
<td>65 KAULULI BEACH RD</td>
<td>SHWS - HI, SPILLS - HI</td>
<td>Lower NW</td>
<td>0.110 mi.</td>
</tr>
<tr>
<td>26</td>
<td>MAUI PINEAPPLE CO LTD, KANE STREET</td>
<td>716 UMI</td>
<td>SHWS - HI, SPILLS - HI</td>
<td>Higher SW</td>
<td>0.172 mi.</td>
</tr>
<tr>
<td>E27</td>
<td>VIP CAR RENTAL</td>
<td>80 KAHAUMANU AVE</td>
<td>HIST LUST - HI, UST - HI</td>
<td>Lower NE</td>
<td>0.173 mi.</td>
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<tr>
<td>F28</td>
<td>LONGS DRUG STORE #10848</td>
<td>275 W KAHAUMANU AVE 1C01</td>
<td>BRS, ECHO, FRS, RCRA_LQG</td>
<td>Higher W</td>
<td>0.203 mi.</td>
</tr>
<tr>
<td>G29</td>
<td>MECO VEHICLE 411</td>
<td>210 KAMEHAMEHA AVE</td>
<td>I C - HI, SHWS - HI</td>
<td>Lower SSE</td>
<td>0.204 mi.</td>
</tr>
<tr>
<td>G30</td>
<td>PAD-MOUNT TRANSFORMER MECO</td>
<td>210 W KAMEHAMEHA AVE</td>
<td>SHWS - HI, SPILLS - HI</td>
<td>Lower SSE</td>
<td>0.204 mi.</td>
</tr>
<tr>
<td>G31</td>
<td>MAUI ELECTRIC COMPANY, LTD. KAULULI ...</td>
<td>210 WEST KAMEHAMEHA AVE</td>
<td>LUST - HI, UST - HI</td>
<td>Lower SSE</td>
<td>0.204 mi.</td>
</tr>
<tr>
<td>G32</td>
<td>MECO KAULULI T &amp; D BASE YARD</td>
<td>210 WEST KAMEHAMEHA AVE</td>
<td>LUST - HI, UST - HI</td>
<td>Lower SSE</td>
<td>0.204 mi.</td>
</tr>
<tr>
<td>G33</td>
<td>KAULULI BASEYARD</td>
<td>210 W KAMEHAMEHA AVENUE</td>
<td>RCRA_SQG</td>
<td>Lower SSE</td>
<td>0.204 mi.</td>
</tr>
<tr>
<td>E34</td>
<td>KAULULI SHOPPING CENTER</td>
<td>47 WEST KAHAUMANU AVENUE</td>
<td>ECHO, RCRA_SQG</td>
<td>Lower ENE</td>
<td>0.219 mi.</td>
</tr>
<tr>
<td>F35</td>
<td>SEARS ROEBUCK &amp; CO</td>
<td>275 KAHAUMANU AVE</td>
<td>LUST - HI, UST - HI</td>
<td>Higher W</td>
<td>0.222 mi.</td>
</tr>
<tr>
<td>F36</td>
<td>SEARS AUTO CENTER</td>
<td>275 KAHAUMANU AVE</td>
<td>SHWS - HI</td>
<td>Higher W</td>
<td>0.222 mi.</td>
</tr>
<tr>
<td>F37</td>
<td>SEARS ROEBUCK AND COMPANY</td>
<td>275 KAHAUMANU AVE STE 100...</td>
<td>RCRA_CESQG</td>
<td>Higher W</td>
<td>0.222 mi.</td>
</tr>
<tr>
<td>F38</td>
<td>MACYS WEST KAHAUMANU</td>
<td>275 KAHAUMANU AVE STE 110...</td>
<td>FRS, RCRA_CESQG</td>
<td>Higher W</td>
<td>0.222 mi.</td>
</tr>
<tr>
<td>MAP ID</td>
<td>SITE NAME</td>
<td>ADDRESS</td>
<td>DATABASE(S)</td>
<td>RELATIVE ELEVATION</td>
<td>DIRECTION / DISTANCE</td>
</tr>
<tr>
<td>--------</td>
<td>-----------</td>
<td>---------</td>
<td>-------------</td>
<td>--------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>E39</td>
<td>O'REILLY AUTO PARTS STORE 3494</td>
<td>24 KAHAUMANU AVENUE STE...</td>
<td>ECHO, FRS, RCRA_CESQG</td>
<td>Lower</td>
<td>NE / 0.223 mi.</td>
</tr>
<tr>
<td>H40</td>
<td>MAUI MEAT COMPANY FACILITY (FORM...</td>
<td>601 2ND ST</td>
<td>SHWS - HI, SPILLS - HI</td>
<td>Lower</td>
<td>NE / 0.290 mi.</td>
</tr>
<tr>
<td>41</td>
<td>SUGAR MILL AUTO CARE CENTER</td>
<td>1130 PUUNENE AVE</td>
<td>HIST LUST - HI, UST - HI</td>
<td>Lower</td>
<td>ENE / 0.290 mi.</td>
</tr>
<tr>
<td>H42</td>
<td>CHEVRON STATION 94682</td>
<td>101 PUUNENE AVE</td>
<td>LUST - HI, UST - HI</td>
<td>Lower</td>
<td>NE / 0.296 mi.</td>
</tr>
<tr>
<td>H43</td>
<td>TESORO #61071</td>
<td>243 PUUNENE AVE</td>
<td>LUST - HI, UST - HI</td>
<td>Lower</td>
<td>NE / 0.299 mi.</td>
</tr>
<tr>
<td>I44</td>
<td>ALOHA SHELL</td>
<td>110 S PUUNENE ST</td>
<td>LUST - HI, UST - HI</td>
<td>Lower</td>
<td>E / 0.310 mi.</td>
</tr>
<tr>
<td>J45</td>
<td>MCC-AUTOMOTIVE TECHNOLOGY BUI...</td>
<td>310 KAHAUMANU AVE</td>
<td>SHWS - HI, SPILLS - HI</td>
<td>Higher</td>
<td>W / 0.330 mi.</td>
</tr>
<tr>
<td>J46</td>
<td>MAUI COMMUNITY COLLEGE</td>
<td>310 KAHAUMANU AVE</td>
<td>ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CE...</td>
<td>Higher</td>
<td>W / 0.330 mi.</td>
</tr>
<tr>
<td>47</td>
<td>LOT F3 SOUTH WAKEA AVENUE</td>
<td>231 S WAKEA AVE</td>
<td>I C - HI, SHWS - HI</td>
<td>Higher</td>
<td>SW / 0.332 mi.</td>
</tr>
<tr>
<td>I48</td>
<td>J'S SHELL STATION</td>
<td>147 S PUUNENE AVE</td>
<td>LUST - HI, UST - HI</td>
<td>Lower</td>
<td>E / 0.336 mi.</td>
</tr>
<tr>
<td>K49</td>
<td>WAKEA PAPA JOHN'S 76 (#301)</td>
<td>9 S WAKEA AVE</td>
<td>LUST - HI, UST - HI</td>
<td>Higher</td>
<td>W / 0.382 mi.</td>
</tr>
<tr>
<td>K50</td>
<td>MID PAC PETROLEUM 254653 (PREV: ...</td>
<td>9 S WAKEA AVE</td>
<td>HIST LUST - HI, UST - HI</td>
<td>Higher</td>
<td>W / 0.382 mi.</td>
</tr>
<tr>
<td>51</td>
<td>W &amp; F WASHERETTE, INC.</td>
<td>125 S WAKEA AVE</td>
<td>LUST - HI, UST - HI</td>
<td>Higher</td>
<td>WSW / 0.385 mi.</td>
</tr>
<tr>
<td>52</td>
<td>YOUNG BROTHERS LTD</td>
<td>PIER 2</td>
<td>HIST LUST - HI, UST - HI</td>
<td>Lower</td>
<td>NE / 0.388 mi.</td>
</tr>
<tr>
<td>53</td>
<td>HALEAKALA DAIRY</td>
<td>55 S WAKEA</td>
<td>HIST LUST - HI, UST - HI</td>
<td>Higher</td>
<td>WSW / 0.399 mi.</td>
</tr>
<tr>
<td>54</td>
<td>MINIT STOP WAKEA</td>
<td>85 S WAKEA AVE</td>
<td>SHWS - HI, SPILLS - HI</td>
<td>Higher</td>
<td>WSW / 0.401 mi.</td>
</tr>
<tr>
<td>55</td>
<td>YOUNG BROTHERS KAHULUI</td>
<td>65 WHARF ST</td>
<td>SHWS - HI</td>
<td>Lower</td>
<td>NE / 0.408 mi.</td>
</tr>
<tr>
<td>56</td>
<td>FUDS NAVY MILITARY RESERVATION ...</td>
<td>N/R</td>
<td>SHWS - HI</td>
<td>Lower</td>
<td>NNE / 0.520 mi.</td>
</tr>
<tr>
<td>L57</td>
<td>VIP WAREHOUSE</td>
<td>74 HOBRON AVE</td>
<td>SHWS - HI, SPILLS - HI</td>
<td>Lower</td>
<td>ENE / 0.658 mi.</td>
</tr>
<tr>
<td>L58</td>
<td>KAHULUI FUEL DISTRIBUTION TERMINAL</td>
<td>60 HOBRON AVE</td>
<td>SHWS - HI, SPILLS - HI</td>
<td>Lower</td>
<td>ENE / 0.661 mi.</td>
</tr>
<tr>
<td>L59</td>
<td>TOSCO BULK PLANT NUMBER 0323</td>
<td>76 HOBRON AVE</td>
<td>SHWS - HI</td>
<td>Lower</td>
<td>ENE / 0.662 mi.</td>
</tr>
<tr>
<td>M60</td>
<td>KAHULUI TERMINAL</td>
<td>100 HOBRON AVE</td>
<td>SHWS - HI, SPILLS - HI</td>
<td>Lower</td>
<td>ENE / 0.668 mi.</td>
</tr>
<tr>
<td>M61</td>
<td>KAHULUI HARBOR PARCEL B</td>
<td>140 HOBRON AVE</td>
<td>SHWS - HI</td>
<td>Lower</td>
<td>ENE / 0.671 mi.</td>
</tr>
<tr>
<td>62</td>
<td>HOBRON AVE AREA (KAHULUI)</td>
<td>HOBRON AVE</td>
<td>SHWS - HI</td>
<td>Lower</td>
<td>ENE / 0.740 mi.</td>
</tr>
<tr>
<td>63</td>
<td>ALI LINEN SERVICE (FKA SNOW WHIT...</td>
<td>312 ALAMAHA PL</td>
<td>I C - HI, SHWS - HI, SPILLS - HI</td>
<td>Higher</td>
<td>E / 0.866 mi.</td>
</tr>
<tr>
<td>64</td>
<td>MAUI DISPOSAL COMPANY</td>
<td>221 LALO PL</td>
<td>SHWS - HI, SPILLS - HI</td>
<td>Higher</td>
<td>ESE / 0.875 mi.</td>
</tr>
<tr>
<td>N65</td>
<td>HAWAI WOOD PRESERVING CO.</td>
<td>356 HANAKAI ST</td>
<td>SHWS - HI</td>
<td>Higher</td>
<td>E / 0.919 mi.</td>
</tr>
<tr>
<td>N66</td>
<td>MAUI TOYOTA FKA HI WOOD PRESERV...</td>
<td>356 HANAKAI STREET</td>
<td>BRS, HIST CORRACTS 2, RCRA_NONGEN</td>
<td>Higher</td>
<td>E / 0.919 mi.</td>
</tr>
</tbody>
</table>
**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**

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>N66</td>
<td>MAUI TOYOTA FKA HI WOOD PRESERVING CO</td>
<td>356 HANAKAI STREET</td>
<td>E / 0.919 mi.</td>
<td>165</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>F37</td>
<td>SEARS ROEBUCK AND COMPANY</td>
<td>275 KAHAUMANU AVE 1000</td>
<td>W / 0.222 mi.</td>
<td>103</td>
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<tr>
<td></td>
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<td>Status: No Violation/Inspections</td>
<td>Date: N/A</td>
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<tr>
<td>F38</td>
<td>MACYS WEST KAHAUMANU</td>
<td>275 KAHAUMANU AVE 1100</td>
<td>W / 0.222 mi.</td>
<td>105</td>
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<tr>
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<td>- ID: HIR000113506</td>
<td>Status: No Violation/Inspections</td>
<td>Date: N/A</td>
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<tr>
<td>B3</td>
<td>ILIMA SHELL</td>
<td>137 KAHAUMANU AVE</td>
<td>NNE / 0.019 mi.</td>
<td>30</td>
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<td>- ID: HID982436628</td>
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<td>Date: N/A</td>
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</tr>
<tr>
<td>B9</td>
<td>PORT TOWN CHEVRON</td>
<td>109 W. KAHAUMANU AVE.</td>
<td>NE / 0.078 mi.</td>
<td>47</td>
</tr>
<tr>
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<td>- ID: HIR000142497</td>
<td>Status: No Violation/Inspections</td>
<td>Date: N/A</td>
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</tr>
<tr>
<td>E39</td>
<td>O’REILLY AUTO PARTS STORE</td>
<td>24 KAHAUMANU AVENUE 3494</td>
<td>NE / 0.223 mi.</td>
<td>107</td>
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<td>- ID: HIR000141986</td>
<td>Status: No Violation/Inspections</td>
<td>Date: N/A</td>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>F28</td>
<td>LONGS DRUG STORE #10848</td>
<td>275 W KAHAUMANU AVE 1C01</td>
<td>W / 0.203 mi.</td>
<td>79</td>
</tr>
<tr>
<td></td>
<td>- ID: HIR000143487</td>
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<td>Date: N/A</td>
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</tr>
<tr>
<td>A7</td>
<td>JR DORAN INC. DBA CERAMIC TILE PLUS</td>
<td>25 S. KAHULUI BEACH ROAD</td>
<td>NW / 0.037 mi.</td>
<td>39</td>
</tr>
<tr>
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<td>- ID: HIR000144394</td>
<td>Status: No Violation/Inspections</td>
<td>Date: N/A</td>
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</tbody>
</table>
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

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>C22</td>
<td>KAHULUI CANNERY MAUI PINEAPPLE</td>
<td>120 KANE STREET</td>
<td>S / 0.103 mi.</td>
<td>68</td>
</tr>
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<td>- ID: HID990675845</td>
<td>Status: No Violation/Inspections</td>
<td>Date: N/A</td>
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</tr>
<tr>
<td>C23</td>
<td>CAMERON CHEMICAL CORP</td>
<td>120 KANE STREET, BUILDING 1</td>
<td>S / 0.103 mi.</td>
<td>70</td>
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LOWER ELEVATION

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<tr>
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<th>SITE NAME</th>
<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
<th>PAGE</th>
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<tbody>
<tr>
<td>A1</td>
<td>FARMER PESTICIDE DISPOSAL PROJECT</td>
<td>28-10 BEECH RD</td>
<td>NW / 0.017 mi.</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>- ID: HID982025934</td>
<td>Status: No Violation/Inspections</td>
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<tr>
<td>A2</td>
<td>OFFICE ENVIRONMENTAL QUAL CONT</td>
<td>28 10 BEACH RD</td>
<td>NW / 0.017 mi.</td>
<td>27</td>
</tr>
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<td></td>
<td>- ID: HID982339186</td>
<td>Status: No Violation/Inspections</td>
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<tr>
<td>B4</td>
<td>SHELL OIL COMPANY</td>
<td>137 KAAHUMANU AVE</td>
<td>NNE / 0.019 mi.</td>
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<td>- ID: HID982435885</td>
<td>Status: No Violation/Inspections</td>
<td>Date: N/A</td>
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<tr>
<td>D17</td>
<td>CHEVRON 92619</td>
<td>130 W KAMEHAMEHA AVE</td>
<td>ESE / 0.102 mi.</td>
<td>59</td>
</tr>
<tr>
<td></td>
<td>- ID: HIR000141267</td>
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<td>Date: N/A</td>
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RCRA SQG: Resource Conservation and Recovery Act listing of licensed small quantity generators 2 SITES FOUND WITHIN .25 MILE

### LOWER ELEVATION

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<tr>
<th>MAP ID</th>
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<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
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<tbody>
<tr>
<td>G33</td>
<td>KAHULUI BASEYARD</td>
<td>210 W KAMEHAMEHA AVENUE</td>
<td>SSE / 0.204 mi.</td>
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<td>E34</td>
<td>KAHULUI SHOPPING CENTER</td>
<td>47 WEST KAAHUMANU AVENUE</td>
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STATE AND TRIBAL REGISTERED STORAGE TANK LISTS

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

### EQUAL/HIGHER ELEVATION

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<th>MAP ID</th>
<th>SITE NAME</th>
<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
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<tbody>
<tr>
<td>C18</td>
<td>MAUI PINEAPPLE CO., LTD - CARP S</td>
<td>120 KANE ST</td>
<td>S / 0.103 mi.</td>
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<td></td>
<td>- ID: Facility ID 9-502695</td>
<td>Status: N/A</td>
<td>Date: N/A</td>
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<td>C19</td>
<td>MAUI PINEAPPLE COMPANY, LTD. - P</td>
<td>120 KANE ST</td>
<td>S / 0.103 mi.</td>
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<td>Status: N/A</td>
<td>Date: N/A</td>
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<td>Date: Date Closed 12/01/1991</td>
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<tr>
<td>C20</td>
<td>MAUI PINEAPPLE CO. LTD -- KAHULUI CANNERY</td>
<td>120 KANE ST</td>
<td>S / 0.103 mi.</td>
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<td>- ID: Tank ID R-3</td>
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<td>F35</td>
<td>SEARS ROEBUCK &amp; CO</td>
<td>275 KAHAHUMU AVE</td>
<td>W / 0.222 mi.</td>
<td>101</td>
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<td>- ID: Facility ID 9-501848</td>
<td>Status: N/A</td>
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There are an additional 4 status records, see site details.

### LOWER ELEVATION

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<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
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<tr>
<td>B6</td>
<td>ILIMA SHELL</td>
<td>137 W. KAHAHUMU AVENUE</td>
<td>NNE / 0.024 mi.</td>
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<td>Date: 04/23/1998</td>
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<tr>
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<td>Date: Date Closed 04/23/1998</td>
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<td>Date: Date Closed 04/23/1998</td>
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<td>Status: Permanently Out of Use</td>
<td>Date: Date Closed 04/23/1998</td>
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There are an additional 6 status records, see site details.

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<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
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<tbody>
<tr>
<td>D12</td>
<td>THE WASH HOUSE</td>
<td>74 LONO AVE</td>
<td>ESE / 0.095 mi.</td>
<td>52</td>
</tr>
<tr>
<td></td>
<td>- ID: Facility ID 9-501576</td>
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<td>Date: N/A</td>
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<td>D15</td>
<td>LLOYD'S KAHULUI CHEVRON</td>
<td>130 W KAMEHAMEHA AVE</td>
<td>ESE / 0.102 mi.</td>
<td>56</td>
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<td></td>
<td>- ID: Facility ID 9-501245</td>
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<td>Date: Date Closed 08/20/2004</td>
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<td>- ID: Tank ID 1</td>
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<td>Date: Date Closed N/R</td>
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<td>Date: Date Closed N/R</td>
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<td>Date: Date Closed N/R</td>
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<td>E27</td>
<td>VIP CAR RENTAL</td>
<td>80 KAHAHUMU AVE</td>
<td>NE / 0.173 mi.</td>
<td>79</td>
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<td>Date: N/A</td>
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<td>Date: Date Closed 01/23/1997</td>
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STATE AND TRIBAL REGISTERED STORAGE TANK LISTS (cont.)

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

LOWER ELEVATION (cont.)

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
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<th>DIRECTION/DISTANCE</th>
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</thead>
<tbody>
<tr>
<td>G31</td>
<td>MAUI ELECTRIC COMPANY, LTD. KAULULUI BASE YARD</td>
<td>210 WEST KAMEHAMEHA AVE</td>
<td>SSE / 0.204 mi.</td>
<td>95</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>G32</td>
<td>MECO KAULULUI T &amp; D BASE YARD</td>
<td>210 WEST KAMEHAMEHA AVE</td>
<td>SSE / 0.204 mi.</td>
<td>96</td>
</tr>
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</table>

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

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
<th>PAGE</th>
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<tbody>
<tr>
<td>51</td>
<td>W &amp; F WASHERETTE, INC.</td>
<td>125 S WAKEA AVE</td>
<td>WSW / 0.385 mi.</td>
<td>136</td>
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<tr>
<td>53</td>
<td>HALEAKALA DAIRY</td>
<td>55 S WAKEA</td>
<td>WSW / 0.399 mi.</td>
<td>138</td>
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</tbody>
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LOWER ELEVATION

<table>
<thead>
<tr>
<th>MAP ID</th>
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<th>SITE ADDRESS</th>
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</tr>
<tr>
<td>E27</td>
<td>VIP CAR RENTAL</td>
<td>80 KAAHUMANU AVE</td>
<td>NE / 0.173 mi.</td>
<td>79</td>
</tr>
<tr>
<td>41</td>
<td>SUGAR MILL AUTO CARE CENTER</td>
<td>1130 PUUNENE AVE</td>
<td>ENE / 0.290 mi.</td>
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LUST - HI: Leaking underground storage tank sites listing 18 SITES FOUND WITHIN .5 MILE

EQUAL/HIGHER ELEVATION

<table>
<thead>
<tr>
<th>MAP ID</th>
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<th>DIRECTION/DISTANCE</th>
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<tbody>
<tr>
<td>C18</td>
<td>MAUI PINEAPPLE CO., LTD - CARP S</td>
<td>120 KANE ST</td>
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<td>62</td>
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<tr>
<td>C19</td>
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<tr>
<td>C20</td>
<td>MAUI PINEAPPLE CO. LTD -- KAULULUI CANNERY</td>
<td>120 KANE ST</td>
<td>S / 0.103 mi.</td>
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</tbody>
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**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.)**

<table>
<thead>
<tr>
<th>MAP ID</th>
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<tr>
<td>F35</td>
<td>SEARS ROEBUCK &amp; CO</td>
<td>275 KAAMAHAMU AVENUE</td>
<td>W / 0.222 mi.</td>
<td>101</td>
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<td>J46</td>
<td>MAUI COMMUNITY COLLEGE</td>
<td>310 KAAMAHAMU AVENUE</td>
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<tr>
<td>K49</td>
<td>WAKEA PAPA JOHN'S 76 (#301)</td>
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<td>- ID: Event ID 950017</td>
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<tr>
<td>K50</td>
<td>MID PAC PETROLEUM 254653</td>
<td>9 S WAKEA AVE</td>
<td>W / 0.382 mi.</td>
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<td>(PREV: CENTRAL 76 L-4653)</td>
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<td>- ID: Facility ID 9-500007</td>
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<td>54</td>
<td>MINIT STOP WAKEA</td>
<td>85 S WAKEA AVE</td>
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**LOWER ELEVATION**

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<tbody>
<tr>
<td>B6</td>
<td>ILIMA SHELL</td>
<td>137 W. KAAMAHAMU AVENUE</td>
<td>NNE / 0.024 mi.</td>
<td>37</td>
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<td>- ID: Event ID 980104</td>
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<td>B8</td>
<td>PORT TOWN CHEVRON</td>
<td>109 KAAMAHAMU AVENUE</td>
<td>NE / 0.057 mi.</td>
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<tr>
<td>D15</td>
<td>LLOYD'S KAHLULUI CHEVRON</td>
<td>130 W KAMEHAMEHA AVE</td>
<td>ESE / 0.102 mi.</td>
<td>56</td>
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<tr>
<td>G31</td>
<td>MAUI ELECTRIC COMPANY, LTD. KAHULUI BASE YARD</td>
<td>210 WEST KAMEHAMEHA AVE</td>
<td>SSE / 0.204 mi.</td>
<td>95</td>
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<td>- ID: Facility ID 9-500956</td>
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<td>210 WEST KAMEHAMEHA AVE</td>
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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.)

<table>
<thead>
<tr>
<th>MAP ID</th>
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<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
<th>PAGE</th>
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</thead>
<tbody>
<tr>
<td>H42</td>
<td>CHEVRON STATION 94682</td>
<td>101 PUUNENE AVE</td>
<td>NE / 0.296 mi.</td>
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<td>H43</td>
<td>TESORO #61071</td>
<td>243 PUUNENE AVE</td>
<td>NE / 0.299 mi.</td>
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<tr>
<td>I44</td>
<td>ALOHA SHELL</td>
<td>110 S PUUNENE ST</td>
<td>E / 0.310 mi.</td>
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<tr>
<td>I48</td>
<td>J'S SHELL STATION</td>
<td>147 S PUUNENE AVE</td>
<td>E / 0.336 mi.</td>
<td>131</td>
</tr>
<tr>
<td>52</td>
<td>YOUNG BROTHERS LTD</td>
<td>PIER 2</td>
<td>NE / 0.388 mi.</td>
<td>137</td>
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</table>

STATE INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

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

EQUAL/HIGHER ELEVATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>C10</td>
<td>MAUI PINEAPPLE CO LTD, KANE STREET LOT 2 TANK AREA PORTION</td>
<td>106 S KANE ST</td>
<td>S / 0.990 mi.</td>
<td>48</td>
</tr>
<tr>
<td>C11</td>
<td>MAUI PINEAPPLE CO LTD, KANE STREET LOT 2 CANNERY BUILDING PORTION LOT F3 SOUTH WAKEA AVENUE</td>
<td>106 S KANE ST</td>
<td>S / 0.990 mi.</td>
<td>50</td>
</tr>
<tr>
<td>47</td>
<td>MAUI PINEAPPLE CO LTD, KANE STREET LOT 2 CANNERY BUILDING PORTION LOT F3 SOUTH WAKEA AVENUE</td>
<td>231 S WAKEA AVE</td>
<td>SW / 0.332 mi.</td>
<td>129</td>
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</table>

LOWER ELEVATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
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<th>DIRECTION/DISTANCE</th>
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<tbody>
<tr>
<td>G29</td>
<td>MECO VEHICLE 411</td>
<td>210 KAMEHAMEHA AVE</td>
<td>SSE / 0.204 mi.</td>
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### Equal/Higher Elevation

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>C10</td>
<td>MAUI PINEAPPLE CO LTD, KANE STREET LOT 2 TANK AREA PORTION</td>
<td>106 S KANE ST</td>
<td>S / 0.090 mi.</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td>- ID: Facility Registry Identifier 11000486402</td>
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<td>Status: Response Complete</td>
<td>06/10/2013</td>
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<tr>
<td>C11</td>
<td>MAUI PINEAPPLE CO LTD, KANE STREET LOT 2 CANNERY BUILDING PORTION</td>
<td>106 S KANE ST</td>
<td>S / 0.090 mi.</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>- ID: Facility Registry Identifier 11000486402</td>
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<td>Status: Response Complete</td>
<td>06/10/2013</td>
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<tr>
<td>C21</td>
<td>MAUI PINEAPPLE CO LTD, KANE STREET</td>
<td>120 KANE ST</td>
<td>S / 0.103 mi.</td>
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<tr>
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<td>- ID: Facility Registry Identifier 11000486402</td>
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<td>Status: N/R</td>
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<tr>
<td>26</td>
<td>MAUI PINEAPPLE CO LTD, KANE STREET</td>
<td>716 UMI</td>
<td>SW / 0.172 mi.</td>
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<tr>
<td>F36</td>
<td>SEARS AUTO CENTER</td>
<td>275 KAAHUMANU AVE</td>
<td>W / 0.222 mi.</td>
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<td>- ID: Facility Registry Identifier 110006399879</td>
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<td>Status: N/R</td>
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<td>J45</td>
<td>MCC-AUTOMOTIVE TECHNOLOGY BUILDING CONTAMINATION</td>
<td>310 KAAHUMANU AVE</td>
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<td>- ID: Facility Registry Identifier 11001376593</td>
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<td>LOT F3 SOUTH WAKEA AVENUE</td>
<td>231 S WAKEA AVE</td>
<td>SW / 0.332 mi.</td>
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<td>- ID: Facility Registry Identifier N/R</td>
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<td>63</td>
<td>ALII LINEN SERVICE (FKA SNOW WHITE LINEN)</td>
<td>312 ALAMAHA PL</td>
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<td>- ID: Facility Registry Identifier 110013771374</td>
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<td>64</td>
<td>MAUI DISPOSAL COMPANY</td>
<td>221 LALO PL</td>
<td>ESE / 0.875 mi.</td>
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<td>N65</td>
<td>HAWAII WOOD PRESERVING CO.</td>
<td>356 HANAKAI ST</td>
<td>E / 0.919 mi.</td>
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<td></td>
<td>- ID: Facility Registry Identifier 11000486386</td>
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### Lower Elevation

<table>
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<th>SITE NAME</th>
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<th>DIRECTION/DISTANCE</th>
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<tr>
<td>B5</td>
<td>MAUI PALMS HOTEL UST</td>
<td>150 KAAHUMANU AVE</td>
<td>NNE / 0.019 mi.</td>
<td>36</td>
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<tr>
<td></td>
<td>- ID: Facility Registry Identifier 110013766754</td>
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<td>Status: N/R</td>
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STATE- AND TRIBAL - EQUIVALENT CERCLIS (cont.)

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

LOWER ELEVATION (cont.)

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>B13</td>
<td>32 LONO AVENUE</td>
<td>32 LONO AVE</td>
<td>ENE / 0.096 mi.</td>
<td>53</td>
</tr>
<tr>
<td>D16</td>
<td>KAHULUI SERVICE, INC DBA LLOYD’S KAHULUI CHEVRON</td>
<td>130 W KAMEHAMEHA AVE</td>
<td>ESE / 0.102 mi.</td>
<td>57</td>
</tr>
<tr>
<td>25</td>
<td>BREWER ENVIRONMENTAL INDUSTRIES-KAHULUI BEACH ROAD</td>
<td>65 KAHULUI BEACH RD</td>
<td>NW / 0.110 mi.</td>
<td>75</td>
</tr>
<tr>
<td>G29</td>
<td>MECO VEHICLE 411</td>
<td>210 KAMEHAMEHA AVE</td>
<td>SSE / 0.204 mi.</td>
<td>91</td>
</tr>
<tr>
<td>G30</td>
<td>PAD-MOUNT TRANSFORMER MECO</td>
<td>210 W KAMEHAMEHA AVE</td>
<td>SSE / 0.204 mi.</td>
<td>93</td>
</tr>
<tr>
<td>H40</td>
<td>MAUI MEAT COMPANY FACILITY (FORMER), UST CLOSURE</td>
<td>601 2ND ST</td>
<td>NE / 0.290 mi.</td>
<td>112</td>
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<tr>
<td>55</td>
<td>YOUNG BROTHERS KAHULUI</td>
<td>65 WHARF ST</td>
<td>NE / 0.408 mi.</td>
<td>143</td>
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<tr>
<td>56</td>
<td>FUDS NAVY MILITARY RESERVATION (KAHULUI)</td>
<td></td>
<td>NNE / 0.520 mi.</td>
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</tr>
<tr>
<td>L57</td>
<td>VIP WAREHOUSE</td>
<td>74 HOBRON AVE</td>
<td>ENE / 0.658 mi.</td>
<td>146</td>
</tr>
<tr>
<td>L58</td>
<td>KAHULUI FUEL DISTRIBUTION TERMINAL</td>
<td>60 HOBRON AVE</td>
<td>ENE / 0.661 mi.</td>
<td>148</td>
</tr>
<tr>
<td>L59</td>
<td>TOSCO BULK PLANT NUMBER 0323</td>
<td>76 HOBRON AVE</td>
<td>ENE / 0.662 mi.</td>
<td>150</td>
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<tr>
<td>M60</td>
<td>KAHULUI TERMINAL</td>
<td>100 HOBRON AVE</td>
<td>ENE / 0.668 mi.</td>
<td>151</td>
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<tr>
<td>M61</td>
<td>KAHULUI HARBOR PARCEL B</td>
<td>140 HOBRON AVE</td>
<td>ENE / 0.671 mi.</td>
<td>156</td>
</tr>
</tbody>
</table>
STATE- AND TRIBAL - EQUIVALENT CERCLIS (cont.)

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

LOWER ELEVATION (cont.)

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>62</td>
<td>HOBRON AVE AREA (KAHULUI)</td>
<td>HOBRON AVE</td>
<td>ENE / 0.740 mi.</td>
<td>157</td>
</tr>
</tbody>
</table>
- ID: Facility Registry Identifier
  110013785662
- ID: Case Number 19960802-0915
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

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
<th>PAGE</th>
</tr>
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<tbody>
<tr>
<td>C21</td>
<td>MAUI PINEAPPLE CO LTD, KANE STREET</td>
<td>120 KANE ST</td>
<td>S / 0.103 mi.</td>
<td>66</td>
</tr>
</tbody>
</table>
- ID: Case Number 19891108-1
Status: Response
Date: N/R
- ID: Case Number 19960802-0915
Status: Response
Date: N/R

LOWER ELEVATION

<table>
<thead>
<tr>
<th>MAP ID</th>
<th>SITE NAME</th>
<th>SITE ADDRESS</th>
<th>DIRECTION/DISTANCE</th>
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</thead>
<tbody>
<tr>
<td>B13</td>
<td>32 LONO AVENUE</td>
<td>32 LONO AVE</td>
<td>ENE / 0.096 mi.</td>
<td>53</td>
</tr>
</tbody>
</table>
- 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.

<table>
<thead>
<tr>
<th>SITE NAME:</th>
<th>ADDRESS, CITY, ZIP:</th>
<th>DATABASE(S):</th>
</tr>
</thead>
<tbody>
<tr>
<td>A&amp;B PROPERTIES, INC., AGRICULTURAL D...</td>
<td>HALEAKALA ST, KAHLULUI</td>
<td>SHWS - HI</td>
</tr>
<tr>
<td>A&amp;B PROPERTIES, INC., SUSPECTED FORM...</td>
<td>HALEAKALA ST, KAHLULUI 96732</td>
<td>SHWS - HI</td>
</tr>
<tr>
<td>A&amp;B PROPERTY, 55-GALLON DRUMS BY H...</td>
<td>HALEAKALA HWY, KAHLULUI 96732</td>
<td>SPILLS - HI</td>
</tr>
<tr>
<td>ALEXANDER &amp; BALDWIN DUMP SITE</td>
<td>WEST PAPA AVENUE, KAHLULUI 96732</td>
<td>CERCLIS NFRAP, SEMS_BR_ARCHIVED SITES</td>
</tr>
<tr>
<td>AVIS RENT-A-CAR SYSTEM INC (PMID OGG...</td>
<td>KAHLULUI AIRPORT, KAHLULUI 96732</td>
<td>HIST LUST - HI, UST - HI</td>
</tr>
<tr>
<td>DOTA EMERGENCY GENERATOR BLDG TE...</td>
<td>KAHLULUI AIRPORT, KAHLULUI 96732</td>
<td>HIST LUST - HI</td>
</tr>
<tr>
<td>E &amp; E BLACK CONTRACTORS</td>
<td>AMALA PLACE, KAHLULUI 96732</td>
<td>CERCLIS NFRAP, SEMS_BR_ARCHIVED SITES</td>
</tr>
<tr>
<td>F &amp; M CONTRACTORS, INC.</td>
<td>AMALA PLACE, KAHLULUI 96732</td>
<td>CERCLIS-HIST, FRS, SEMS_BR_ACTIVE SITES</td>
</tr>
<tr>
<td>HAWAIIAN HOMES SPS (PAUKAKALO)</td>
<td>WAIEHU BEACH RD/KUKONA ..., KAHLULUI ...</td>
<td>HIST LUST - HI, UST - HI</td>
</tr>
<tr>
<td>HI DOT HIGHWAYS DIVISION</td>
<td>HANSEN RD - OLD BASEYAR..., KAHLULUI 96732</td>
<td>HIST LUST - HI, UST - HI</td>
</tr>
<tr>
<td>KANAHA POND EAST</td>
<td>AMALA PLACE, KAHLULUI 96732</td>
<td>CERCLIS NFRAP, SEMS_BR_ARCHIVED SITES</td>
</tr>
<tr>
<td>KING'S TOWING</td>
<td>AMALA PLACE, KAHLULUI 96732</td>
<td>CERCLIS NFRAP, SEMS_BR_ARCHIVED SITES</td>
</tr>
<tr>
<td>KUAU SPS 2</td>
<td>HANA HWY / AOLANI PL, KAHLULUI 96732</td>
<td>FRS, HIST LUST - HI, UST - HI</td>
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</table>
Following sites were unable to be mapped. (cont.)

<table>
<thead>
<tr>
<th>SITE NAME</th>
<th>ADDRESS, CITY, ZIP</th>
<th>DATABASE(S):</th>
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<tbody>
<tr>
<td>MAUI PINEAPPLE CO LTD, SEED TREATMENT</td>
<td>HALEAKALA HWY, KAHULUI 96732</td>
<td>SHWS - HI</td>
</tr>
<tr>
<td>MAUI SVC LTD</td>
<td>TMK 3 7 11 17, KAHULUI 96732</td>
<td>RCRA_NONGEN</td>
</tr>
<tr>
<td>MECO POLE-MOUNT TRANSFORMER NO. 4...</td>
<td>KAAHUMANU AVE, WAILUKU 96732</td>
<td>SPILLS - HI</td>
</tr>
<tr>
<td>MECO POLE-MOUNT TRANSFORMER NO. 6492</td>
<td>CORNER OF PUUNENE &amp; KAA..., KAHULUI ...</td>
<td>SPILLS - HI</td>
</tr>
<tr>
<td>MECO VEHICLE HYDRAULIC OIL RELEASE</td>
<td>HANA HWY E7, KAHULUI 96732</td>
<td>SPILLS - HI</td>
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<tr>
<td>RAINBOW HAULING</td>
<td>AMALA PLACE, KAHULUI 96732</td>
<td>CERCLIS NFRAP, SEMS_BR_ARCHIVED SITES</td>
</tr>
<tr>
<td>SAFEWAY FUEL CENTER</td>
<td>SWC HOOKELE ST AND HANA..., KAHULUI ...</td>
<td>UST - HI</td>
</tr>
<tr>
<td>SMILE'S JUNK YARD</td>
<td>AMALA PLACE, KAHULUI 96732</td>
<td>CERCLIS NFRAP, SEMS_BR_ARCHIVED SITES</td>
</tr>
<tr>
<td>WAIKAPU DUMP-MAUI COUNTY DUMP</td>
<td>CENTRAL MAUI, KAHULUI 96732</td>
<td>CERCLIS NFRAP, SEMS_BR_ARCHIVED SITES</td>
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**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.)

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<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>PART NPL</td>
<td>Part National Priority List</td>
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<tr>
<td>PROPOSED NPL</td>
<td>Proposed National Priority List</td>
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<tr>
<td>SEMS_FINAL NPL</td>
<td>Sites included on the Final National Priorities List</td>
</tr>
<tr>
<td>SEMS_PROPOSED NPL</td>
<td>Sites Proposed to be Added to the National Priorities List</td>
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### FEDERAL INSTITUTIONAL CONTROLS / ENGINEERING CONTROLS REGISTRIES

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>RCRA IC_EC</td>
<td>RCRA sites with Institutional and Engineering Controls</td>
</tr>
<tr>
<td>FED E C</td>
<td>Engineering Controls</td>
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<tr>
<td>FED I C</td>
<td>Institutional Controls</td>
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### STATE AND TRIBAL REGISTERED STORAGE TANK LISTS

<table>
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<th>Abbreviation</th>
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<tbody>
<tr>
<td>FEMA UST</td>
<td>FEMA Underground Storage Tanks</td>
</tr>
<tr>
<td>INDIAN UST R1</td>
<td>Underground Storage Tanks on Indian Land in EPA Region 1</td>
</tr>
<tr>
<td>INDIAN UST R10</td>
<td>Underground Storage Tanks on Indian Land in EPA Region 10</td>
</tr>
<tr>
<td>INDIAN UST R2</td>
<td>Underground Storage Tanks on Indian Land in EPA Region 2</td>
</tr>
<tr>
<td>INDIAN UST R4</td>
<td>Underground Storage Tanks on Indian Land in EPA Region 4</td>
</tr>
<tr>
<td>INDIAN UST R5</td>
<td>Underground Storage Tanks on Indian Land in EPA Region 5</td>
</tr>
<tr>
<td>INDIAN UST R6</td>
<td>Underground Storage Tanks on Indian Land in EPA Region 6</td>
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<tr>
<td>INDIAN UST R7</td>
<td>Underground Storage Tanks on Indian Land in EPA Region 7</td>
</tr>
<tr>
<td>INDIAN UST R8</td>
<td>Underground Storage Tanks on Indian Land in EPA Region 8</td>
</tr>
<tr>
<td>INDIAN UST R9</td>
<td>Underground Storage Tanks on Indian Land in EPA Region 9</td>
</tr>
<tr>
<td>AST - HI</td>
<td>Aboveground Storage Tanks</td>
</tr>
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<td>HIST AST - HI</td>
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### STATE AND TRIBAL LEAKING STORAGE TANK LISTS

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### STATE AND TRIBAL BROWNFIELD SITES

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### STATE AND TRIBAL LANDFILL AND/OR SOLID WASTE DISPOSAL SITE LISTS

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# Executive Summary by Database

## 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
- **FUOS**: 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
- SEMS_SMELTER
- SST5
- STORMWATER
- TOSCA-PLANT
- TRIS
- UMTRA
- CORRECTIVE ACTIONS_2020
- AIRS - HI
- DRYCLEANERS - HI
- SCRD Drycleaners
- Sites on SEMS Potential Smelter Activity
- Section 7 Tracking Systems
- Storm Water Permits
- Toxic Substance Control Act: Plants
- Toxic Release Inventory Systems
- Uranium Mill Tailing Sites
- Wastes - Hazardous Waste - Corrective Action
- Air permits
- Drycleaners
SUBJECT NAME: Kahului Site
ADDRESS: 153 West Kaahumanu Avenue, Kahului, Hawaii
LAT/LONG: 20.888683 / -156.471823
REPORT DATE: February 20, 2019

Property Proximity Map

PREPARED FOR: ENPRO Environmental
ORDER #: 27336

Subject Property
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FEMA FloodZone 100
National Priority List (No Data)

Lower Elevation
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FEMA FloodZone 500 (No Data)
Historical DOD (No Data)

CDC HAZDAT (No Data)
Federal Lands (No Data)
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Map Findings 2019

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

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 Findings

Site Name: FARMER PESTICIDE DISPOSAL PROJECT
28-10 BEECH RD
KAHULUI, HI 96732

Database(s): [ECHO, FRS, RCRA_NONGEN]

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
Chesapeake 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 Findings 2019

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.)

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 Findings 2019

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.)

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]

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

Envirosite ID: 414582906
EPA ID: HID982025934

Envirosite ID: 414582923
EPA ID: HID982339186
Site Name: OFFICE ENVIRONMENTAL QUAL CONT
28 10 BEACH RD
KAHULUI, HI 96732

Database(s): [ECHO, FRS, RCRA_NONGEN] (cont.)

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 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
Chesapeake 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 Findings

Map Id: A2
Direction: NW
Distance: 0.017 mi.
Actual: 89.352 fl.
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 KAHAUMANU AVE
KAHULUI, HI 96732

Database(s): [ECHO, FRS, RCRA_CESQG]

Envirosite ID: 414266825
EPA ID: HID982436628

ECHO

Facility Name : ILIMA SHELL
Facility Address : 137 KAHAUMANU AVE, KAHULUI, HI 96732
County : MAUI
Site Name: ILIMA SHELL
137 KAHAUMANU AVE
KAHULUI, HI 96732

Database(s): [ECHO, FRS, RCRA_CESQG]

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 Findings

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<th>Site Name</th>
<th>ILIMA SHELL</th>
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<td>EPA ID</td>
<td>HID982436628</td>
</tr>
<tr>
<td>Database(s)</td>
<td>[ECHO, FRS, RCRA_CESQG]</td>
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#### 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                                      |
| Chesapeake 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 Findings

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.)

FRS (cont.)

FRS Environmental Interest
Source and System ID:
HI-EHW - 4915
RCRAINFORO - 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 Findings 2019**

**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 Findings

**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]

### RCRA_NONGEN

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<td>Contact</td>
<td>SONDRA BIENVENU</td>
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### Owner/Operator Summary

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### Handler Activities Summary

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<td>U.S. Importer of Hazardous Waste</td>
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<tr>
<td>Mixed Waste (Haz. and Radioactive)</td>
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<tr>
<td>Recycler of Hazardous Waste</td>
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<tr>
<td>Transporter of Hazardous Waste</td>
<td>N</td>
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<tr>
<td>Treater, Storer or Disposer of HW</td>
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</tr>
<tr>
<td>Underground Injection Activity</td>
<td>N</td>
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<tr>
<td>On-site Burner Exemption</td>
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<tr>
<td>Furnace Exemption</td>
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<td>Used Oil Fuel Burner</td>
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Map Findings 2019

Site Name: SHELL OIL COMPANY
137 KAHAHUMANU AVE
KAHULUI, HI 96732

Database(s): [RCRA_NONGEN] (cont.)

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

Site Name: MAUI PALMS HOTEL UST
150 KAHAHUMANU AVE
KAHULUI, HI 96732

Database(s): [SHWS - HI]

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 FINDINGS 2019

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 KAHAHUMANU AVE
KAHULUI, HI 96732

Database(s): [SHWS - HI] (cont.)

Envirosite ID: 319997362
EPA ID: N/R

Site Details
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. KAHAHUMANU AVENUE
KAHULUI, HI 96732

Database(s): [LUST - HI, UST - HI]

Envirosite ID: 340339080
EPA ID: N/R

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
**Site Name:** ILIMA SHELL  
137 W. KAAHUMANU AVENUE  
KAHULUI, HI 96732

**Database(s):** [LUST - HI, UST - HI] *(cont.)*

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**UST - HI (cont.)**

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**Tank Details**

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<th>Tank ID</th>
<th>Tank Status</th>
<th>Tank Capacity</th>
<th>Product</th>
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<tr>
<td>06/01/1998</td>
<td>N/R</td>
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<td>Currently In Use</td>
<td>15000</td>
<td>Gasohol</td>
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<th>Date Closed</th>
<th>Tank ID</th>
<th>Tank Status</th>
<th>Tank Capacity</th>
<th>Product</th>
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<td>06/01/1998</td>
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<td>Currently In Use</td>
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<td>Gasohol</td>
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<th>Tank Status</th>
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<th>Product</th>
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<td>04/18/1978</td>
<td>04/23/1998</td>
<td>R-5</td>
<td>Permanently Out of Use</td>
<td>6000</td>
<td>Gasoline</td>
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<th>Date Closed</th>
<th>Tank ID</th>
<th>Tank Status</th>
<th>Tank Capacity</th>
<th>Product</th>
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<th>Tank Status</th>
<th>Tank Capacity</th>
<th>Product</th>
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<td>04/23/1998</td>
<td>R-2</td>
<td>Permanently Out of Use</td>
<td>4000</td>
<td>Gasoline</td>
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<th>Tank ID</th>
<th>Tank Status</th>
<th>Tank Capacity</th>
<th>Product</th>
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<td>04/19/1963</td>
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<th>Tank Status</th>
<th>Tank Capacity</th>
<th>Product</th>
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<td>R-4</td>
<td>Permanently Out of Use</td>
<td>4000</td>
<td>Gasoline</td>
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Map Findings

Site Name: ILIMA SHELL
137 W. KAAHUMANU AVENUE
KAHULUI, HI 96732
Database(s): [LUST - HI, UST - HI] (cont.)

UST - HI (cont.)

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<tr>
<td>Capacity</td>
<td>4000</td>
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<tr>
<td>Product</td>
<td>Gasoline</td>
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Installed Date: 04/19/1963
Date Closed: 04/23/1998

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<td>Capacity</td>
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<td>Product</td>
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Site Name: JR DORAN INC. DBA CERAMIC TILE PLUS
25 S. KAHULUI BEACH ROAD
KAHULUI, HI 96732
Database(s): [ECHO, FRS, RCRA_LQG]

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

Page 39 of 327
Site Name: JR DORAN INC. DBA CERAMIC TILE PLUS
           25 S. KAHULUI BEACH ROAD
           KAHULUI, HI 96732

Database(s): [ECHO, FRS, RCRA_LQG] (cont.)

Map Findings 2019

Map Id: A7
Direction: NW
Distance: 0.037 mi.
Actual: 196.362 ft.
Elevation: 0.001 mi. / 6.562 ft.
Relative: Lower

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
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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
Chesapeake 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
Site Name: JR DORAN INC. DBA CERAMIC TILE PLUS  
25 S. KAHULUI BEACH ROAD  
KAHULUI, HI 96732  

Database(s): [ECHO, FRS, RCRA_LQG] (cont.)

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
## ECHO (cont.)

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<td>Federal Flag</td>
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<td>US Mexico Border Flag</td>
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</tr>
<tr>
<td>Chesapeake Bay Flag</td>
<td>N/R</td>
</tr>
<tr>
<td>AIR Flag</td>
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<td>NPDES Flag</td>
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<tr>
<td>SDWIS Flag</td>
<td>N</td>
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<tr>
<td>RCRA Flag</td>
<td>Y</td>
</tr>
<tr>
<td>TRI Flag</td>
<td>N</td>
</tr>
<tr>
<td>GHG Flag</td>
<td>N</td>
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<tr>
<td>Major Flag</td>
<td>N/R</td>
</tr>
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<td>Active Flag</td>
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<tr>
<td>NAA Flag</td>
<td>N/R</td>
</tr>
<tr>
<td>Latitude</td>
<td>20.55241</td>
</tr>
<tr>
<td>Longitude</td>
<td>-156.612422</td>
</tr>
<tr>
<td>Last Date in Agency List</td>
<td>10/23/2017</td>
</tr>
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</table>

## FRS

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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<tbody>
<tr>
<td>Facility Name</td>
<td>JR DORAN INC. DBA CERAMIC TILE PLUS</td>
</tr>
<tr>
<td>Facility Address</td>
<td>25 S. KAHULUI BEACH ROAD, KAHULUI, HI 96732</td>
</tr>
<tr>
<td>County</td>
<td>MAUI</td>
</tr>
<tr>
<td>Registry ID</td>
<td>110070124976</td>
</tr>
<tr>
<td>FRS Facility URL</td>
<td>[Click here for hyperlink provided by the agency]</td>
</tr>
<tr>
<td>Last Date in Agency List</td>
<td>11/22/2018</td>
</tr>
</tbody>
</table>

## 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

<table>
<thead>
<tr>
<th>Field</th>
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<tr>
<td>Source and System ID</td>
<td>RCRAINFO - HIR000144394</td>
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## RCRA_LQG

<table>
<thead>
<tr>
<th>Field</th>
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<tbody>
<tr>
<td>Facility Name</td>
<td>JR DORAN INC. DBA CERAMIC TILE PLUS</td>
</tr>
<tr>
<td>Facility Address</td>
<td>25 S. KAHULUI BEACH ROAD, KAHULUI, HI 96732</td>
</tr>
<tr>
<td>County</td>
<td>MAUI</td>
</tr>
</tbody>
</table>
Map Findings 2019

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 Findings 2019

**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.)

<table>
<thead>
<tr>
<th>Recycler of Hazardous Waste</th>
<th>N</th>
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<tbody>
<tr>
<td>Transporter of Hazardous Waste</td>
<td>N</td>
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<tr>
<td>Treater, Storer or Disposer of HW</td>
<td>N</td>
</tr>
<tr>
<td>Underground Injection Activity</td>
<td>N</td>
</tr>
<tr>
<td>On-site Burner Exemption</td>
<td>N</td>
</tr>
<tr>
<td>Furnace Exemption</td>
<td>N</td>
</tr>
<tr>
<td>Used Oil Fuel Burner</td>
<td>N</td>
</tr>
<tr>
<td>Used Oil Processor</td>
<td>N</td>
</tr>
<tr>
<td>Used Oil Refiner</td>
<td>N</td>
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<td>Used Oil Fuel Marketer to Burner</td>
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<td>Used Oil Specification Marketer</td>
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<tr>
<td>Used Oil Transfer Facility</td>
<td>N</td>
</tr>
<tr>
<td>Used Oil Transporter</td>
<td>N</td>
</tr>
</tbody>
</table>

**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]

**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
Site Name: PORT TOWN CHEVRON
109 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s): [LUST - HI, UST - HI] (cont.)

UST - HI
Facility Name: PORT TOWN CHEVRON
Facility Address: 109 KAAHUMANU AVE, Kahului, HI 96732

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

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
### UST - HI (cont.)

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<tr>
<th>Tank ID</th>
<th>Tank Status</th>
<th>Tank Capacity</th>
<th>Product</th>
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<tbody>
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<td>R-004</td>
<td>Permanently Out of Use</td>
<td>6000</td>
<td>Gasoline</td>
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<tr>
<td>R-001</td>
<td>Permanently Out of Use</td>
<td>5000</td>
<td>Gasoline</td>
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<tr>
<td>R-002</td>
<td>Permanently Out of Use</td>
<td>2000</td>
<td>Gasoline</td>
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<tr>
<td>R-003</td>
<td>Permanently Out of Use</td>
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<td>Gasoline</td>
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<td>R-005</td>
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<td>Used Oil</td>
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<td>Gasoline</td>
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</table>
Map Findings 2019

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. KAHAHUMANU AVE.  
KAHULUI, HI 96732  
Database(s): [RCRA_CESQG]

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>PORT TOWN CHEVRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Address</td>
<td>109 W. KAHAHUMANU AVE., KAHULUI, HI 96732</td>
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<tr>
<td>County</td>
<td>MAUI</td>
</tr>
</tbody>
</table>

| 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 |

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
**Site Name:** PORT TOWN CHEVRON  
109 W. KAHAUMANU AVE.  
KAHULUI, HI 96732  
**Database(s):** [RCRA_CESQG](cont.)

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

**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]

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.
<table>
<thead>
<tr>
<th>Site Name</th>
<th>MAUI PINEAPPLE CO LTD, KANE STREET LOT 2 TANK AREA PORTION 106 S KANE ST KAHULUI, HI 96732</th>
</tr>
</thead>
<tbody>
<tr>
<td>Database(s)</td>
<td>[I C - HI, SHWS - HI] (cont.)</td>
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</tbody>
</table>

### 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
- **Contamination**
  - **Within Designated Areawide**: 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

### 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**: Hazard Managed With Controls
- **Assessment**: 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 Findings

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.)

SHWS - HI (cont.)

Engineering Control: Engineering Control Required
Institutional Control: Government - Hawaii Dept. of Health Letter Issued
Date Issued: 06/10/2013
Within Designated Area wide Contamination: N/R
Document Date: 06/10/2013
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

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
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 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: Hazard Managed With Controls
Assessment: Response Necessary
Priority: NFA
Nature of Contamination: Presumed: The Cannery Building shares Lot F-2 with the tank that was investigated.
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.)

Site Name: THE WASH HOUSE
74 LONO AVE
KAHULUI, HI 96732

Database(s): [HIST LUST - HI, UST - HI]
### 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

---

### 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
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

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 Findings 2019

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

Tax Map Key: 237004006
237004989

SPILLS - HI (cont.)

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

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 Findings

Envirosite ID: 11178777
EPA ID: N/R

Site Name: LLOYD'S KAHULUI CHEVRON
130 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s): [LUST - HI, UST - HI]

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

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: NA083
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 Findings 2019

#### UST - HI (cont.)

<table>
<thead>
<tr>
<th>Site Name: LLOYD'S KAHULUI CHEVRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>130 W KAMEHAMEHA AVE</td>
</tr>
<tr>
<td>KAHULUI, HI 96732</td>
</tr>
<tr>
<td><strong>Database(s): [LUST - HI, UST - HI]</strong></td>
</tr>
</tbody>
</table>

| 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 |

#### SHWS - HI

<table>
<thead>
<tr>
<th>Site Name: KAHULUI SERVICE, INC DBA LLOYD'S CHEVRON</th>
</tr>
</thead>
<tbody>
<tr>
<td>130 W KAMEHAMEHA AVE</td>
</tr>
<tr>
<td>KAHULUI, HI 96732</td>
</tr>
<tr>
<td><strong>Database(s): [SHWS - HI, SPILLS - HI]</strong></td>
</tr>
</tbody>
</table>

| 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

---

Envirosite ID: 11178777
EPA ID: N/R

Envirosite ID: 319997335
EPA ID: N/R
Site Name: KAHULUI SERVICE, INC DBA LLOYD'S CHEVRON
130 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s): [SHWS - HI, SPILLS - HI] (cont.)
Site Name: CHEVRON 92619  
130 W KAMEHAMEHA AVE  
KAHULUI, HI 96732

Database(s): [ECHO, FRS, RCRA_NONGEN]
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
Chesapeake 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 Findings 2019

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
RCRAININFO - 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
Site Name: CHEVRON 92619  
130 W KAMEHAMEHA AVE  
KAHULUI, HI 96732

Database(s): [ECHO, FRS, RCRA_NONGEN] (cont.)

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

Site Name: MAUI PINEAPPLE CO., LTD - CARP S  
120 KANE ST  
KAHULUI, HI 96732

Database(s): [LUST - HI, UST - HI]
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
### 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
Site Name: MAUI PINEAPPLE CO. LTD -- KAULUI CANNERY
120 KANE ST
KAHULUI, HI 96732

Database(s): [LUST - HI, UST - HI]

LUST - HI

Facility Name: MAUI PINEAPPLE CO. LTD -- KAULUI CANNERY
Facility Address: 120 KANE ST, Kauhului, 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 -- KAULUI CANNERY
Facility Address: 120 KANE ST, Kauhului, HI 96732

Site Details
Facility ID: 9-501832
Formal Name: MAUI PINEAPPLE COMPANY, LTD.
Address: 120 Kane St, Kauhului, 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

Tank Details
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 Findings 2019

**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**

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<tr>
<th>Facility Name</th>
<th>Maui Pineapple Co Ltd, Kane Street</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Address</td>
<td>120 Kane St, Kahului, HI 96732</td>
</tr>
<tr>
<td>County</td>
<td>Maui</td>
</tr>
</tbody>
</table>

**Site Details**

<table>
<thead>
<tr>
<th>SDAR Environmental Interest Name</th>
<th>Maui Pineapple Co Ltd, Kane Street</th>
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</thead>
<tbody>
<tr>
<td>Supplemental Location Text</td>
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<tr>
<td>HID Number</td>
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<td>Facility Registry Identifier</td>
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<td>Program Full Name</td>
<td>State</td>
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<td>Potential Hazard and Controls</td>
<td>Hazard Undetermined</td>
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<tr>
<td>Assessment</td>
<td>Assessment Ongoing</td>
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<td>Priority</td>
<td>Low</td>
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<tr>
<td>Nature of Contamination</td>
<td>N/R</td>
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<tr>
<td>Nature of Residual Contamination</td>
<td>N/R</td>
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<tr>
<td>Response</td>
<td>N/R</td>
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<td>Response Action Completed</td>
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<td>Lead Agency</td>
<td>HEER</td>
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<td>Use Restrictions</td>
<td>Undetermined</td>
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<td>Description of Restrictions</td>
<td>Investigation on possible dump outstanding.</td>
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<td>Engineering Control</td>
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<td>Institutional Control</td>
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<td>Site Closure Document</td>
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<tr>
<td>Project Manager</td>
<td>Eric Sadoyama</td>
</tr>
<tr>
<td>Contact Information</td>
<td>(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782</td>
</tr>
<tr>
<td>Last Date in Agency List</td>
<td>11/29/2018</td>
</tr>
</tbody>
</table>

**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**

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Maui Pineapple Co Ltd, Kane Street</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Address</td>
<td>120 Kane St, Kahului, HI 96732</td>
</tr>
</tbody>
</table>
**Site Name:** MAUI PINEAPPLE CO LTD, KANE STREET  
120 KANE ST  
KAHULUI, HI 96732

**Database(s):** [SHWS - HI, SPILLS - HI](cont.)

### SPILLS - HI (cont.)

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<td>Activity End Date</td>
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<tr>
<td>HID Number :</td>
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<tr>
<td>Facility Registry Identifier :</td>
<td>110000486402</td>
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<td>Activity Type :</td>
<td>Response</td>
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<td>Activity Lead :</td>
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<tr>
<td>Activity Result :</td>
<td>SOSC NFA</td>
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<tr>
<td>Substances :</td>
<td>Sulfuric Acid</td>
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<tr>
<td>Quantity :</td>
<td>100 Gallons</td>
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<tr>
<td>Lead and Program :</td>
<td>HEER EP&amp;R</td>
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<tr>
<td>National Response Center Incident Report:</td>
<td>19986</td>
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<tr>
<td>Organization :</td>
<td>Maui Land and Pineapple Company, Inc.</td>
</tr>
<tr>
<td>Location Island :</td>
<td>Maui</td>
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<tr>
<td>Supplemental Location :</td>
<td>N/R</td>
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<tr>
<td>EP&amp;R Environmental Interest :</td>
<td>MAUI PINEAPPLE CO.</td>
</tr>
<tr>
<td>Was coordination needed on or off scene?:</td>
<td>N/R</td>
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<tr>
<td>Tax Map Key :</td>
<td>237002001 237002028 237002029 237002030</td>
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<table>
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<tr>
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<th>19960802-0915</th>
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<td>Activity Type :</td>
<td>Response</td>
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<tr>
<td>Activity Lead :</td>
<td>Terry Corpus</td>
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<tr>
<td>Activity Result :</td>
<td>SOSC NFA</td>
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<td>Substances :</td>
<td>Hydraulic Oil</td>
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<td>Lead and Program :</td>
<td>HEER EP&amp;R</td>
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<td>National Response Center Incident Report:</td>
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<tr>
<td>Organization :</td>
<td>Maui Land and Pineapple Company, Inc.</td>
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<tr>
<td>Location Island :</td>
<td>Maui</td>
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<tr>
<td>Supplemental Location :</td>
<td>N/R</td>
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<tr>
<td>EP&amp;R Environmental Interest :</td>
<td>MAUI PINEAPPLE CO. Maui Pineapple Truck Hydraulic Spill on the side of Dairy Road</td>
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<tr>
<td>Was coordination needed on or off scene?:</td>
<td>Yes</td>
</tr>
<tr>
<td>Tax Map Key :</td>
<td>237002001 237002028 237002029 237002030</td>
</tr>
</tbody>
</table>
### Map Findings 2019

- **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

### Facility Information

**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

**Land Type:** Private  
**Source Type:** Implementer  
**Classification:** Not a generator, verified  
**Description:**

### 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
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
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**Map Findings**

- Map Id: C23
- Direction: S
- Distance: 0.103 mi.
- Actual: 541.781 ft.
- Elevation: 0.003 mi. / 16.152 ft.
- Relative: Higher

**Site Details**

- Envirosite ID: 414582639
- EPA ID: HIR000145060
- Site Name: CAMERON CHEMICAL CORP
- Facility Address: 120 KANE STREET, BUILDING 1, KAHULUI, HI 96732
- County: MAUI
- Database(s): [ECHO, FRS, RCRA_NONGEN]
| 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
- Chesapeake 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 Findings

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.)

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
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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
Chesapeake 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 Findings 2019

Map Id: C23
Direction: S
Distance: 0.103 mi.
Actual: 541.781 ft.
Elevation: 0.003 mi. / 16.152 ft.
Relative: Higher

Elevations:
- Absolute: 0.003 mi. / 16.152 ft.
- Relative: Higher

Envirosite ID: 414582639
EPA ID: HIR000145060

Database(s): [ECHO, FRS, RCRA_NONGEN] (cont.)

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: 9
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 Findings

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

Site Name: MECO TRANSFORMER 5317
95 LONO AVE
KAHULUI, HI 96732

Database(s): [SPILLS - HI]

Envirosite ID: 330387062
EPA ID: N/R

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 Findings 2019

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
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 KAHLULUI 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
Lead Agency: HEER
Use Restrictions: Undetermined
Description of Restrictions: N/R
Engineering Control: N/R
Institutional Control: N/R
**SHWS - HI** *(cont.)*

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**Tax Map Key Information**

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**SPILLS - HI**

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Map Findings 2019

Site Name: MAUI PINEAPPLE CO LTD, KANE STREET
716 UMI
KAHULUI, HI 96732

Database(s): [SHWS - HI, SPILLS - HI]

Map Id: 26
Direction: SW
Distance: 0.172 mi.
Actual: 906.154 ft.
Elevation: 0.005 mi. / 26.253 ft.
Relative: Higher

Envirosite ID: 345751959
EPA ID: N/R

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.

SHWS - HI

Facility Name: Maui Pineapple Co Ltd, Kane Street
Facility Address: 716 umi, Kahului, HI 96732
County: Maui

SPILLS - HI

Facility Name: Maui Pineapple Co Ltd, Kane Street
Facility Address: 716 umi, Kahului, 96732
Site Name: MAUI PINEAPPLE CO LTD, KANE STREET
716 UMI
KAHULUI, HI 96732

Database(s): [SHWS - HI, SPILLS - HI] (cont.)

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 CO. Truck Hydraulic Spill on the side of Dairy Road
Was coordination needed on or off scene?: Yes

Tax Map Key:
237002001
237002028
237002029
237002030
Site Name: VIP CAR RENTAL
80 KAHAHUMANU 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 KAHAHUMANU 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 KAHAHUMANU AVE, Kahului, HI 96732
Last Date in Agency list: 03/04/2014

UST - HI

Facility Name: VIP CAR RENTAL
Facility Address: 80 KAHAHUMANU 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

Site Name: LONGS DRUG STORE #10848
275 W KAHAHUMANU 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 Findings 2019

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:
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: LONDS 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
Site Name: LONGS DRUG STORE #10848
275 W KAHAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s): [BRS, ECHO, FRS, RCRA_LQG] (cont.)

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
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Site Name: LONGS DRUG STORE #10848
275 W KAHAUMANU AVE 1C01
KAHULUI, HI 96732

Database(s): [BRS, ECHO, FRS, RCRA_LQG] (cont.)

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
Site Name: LONGS DRUG STORE #10848
275 W KA'AHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s): [BRS, ECHO, FRS, RCRA_LQG] (cont.)

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 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)
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
Site Name: LONGS DRUG STORE #10848
275 W KAAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s): [BRS, ECHO, FRS, RCRA_LQG] (cont.)

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 Findings

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 KAHAHUMANU AVE 1C01
KAHULUI, HI 96732

Database(s): [BRS, ECHO, FRS, RCRA_LQG] (cont.)

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 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 KAHAHUMANU 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
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CWA NAICS: N/R
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CWA Inspection Count: N/R
CWA Last Inspection Days: N/R

Envirosite ID: 414165728
EPA ID: HIR000143487
**Map Findings 2019**

**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  
**Facility Address:** 275 W KAAHUMANU AVE 1C01, KAHULUI, HI 96732

**Database(s):** [BRS, ECHO, FRS, RCRA_LQG] (cont.)

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**ECHO (cont.)**

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</tr>
<tr>
<td>NAA Flag</td>
<td>N/R</td>
</tr>
<tr>
<td>Latitude</td>
<td>20.88875</td>
</tr>
<tr>
<td>Longitude</td>
<td>-156.47608</td>
</tr>
<tr>
<td>Last Date in Agency List</td>
<td>12/17/2018</td>
</tr>
</tbody>
</table>

---

**FRS**

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
</table>
| 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 Findings 2019

Site Name: LONGS DRUG STORE #10848
275 W KAHAUMANU AVE 1C01
KAHULUI, HI 96732

Database(s): [BRS, ECHO, FRS, RCRA_LQG] (cont.)

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 KAHAUMANU 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 Findings 2019

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 KAAMANU AVE 1C01
KAHULUI, HI 96732

Database(s) : [BRS, ECHO, FRS, RCRA_LQG] (cont.)

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 (Hazardous 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 Findings 2019

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 KAHAUMANU AVE 1C01
KAHULUI, HI 96732

Database(s): [BRS, ECHO, FRS, RCRA_LQG] (cont.)

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-PHENYLIBUTYL)-, & 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]
Site Name: MECO VEHICLE 411
210 KAMEHAMEHA AVE
KAHULUI, HI 96733

Database(s): [I C - HI, SHWS - HI] (cont.)

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

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: 110013766576
Facility Registry Identifier: State
Program Full Name: Hazard Managed With Controls
Potential Hazard and Controls: Response Necessary
Assessment: Response Complete
Priority: NFA
Nature of Contamination: N/R
Nature of Residual Contamination: TPH above EALs.
Response: N/R
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
Site Name: MECO VEHICLE 411
210 KAMEHAMEHA AVE
KAHULUI, HI 96733

Database(s): [I C - HI, 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

Site Name: PAD-MOUNT TRANSFORMER MECO
210 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s): [SHWS - HI, SPILLS - HI]

Facility Name: Pad-Mount Transformer MECO
Facility Address: 210 W Kamehameha Ave, Kahului, HI 96732
County: Maui

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
Site Name: PAD-MOUNT TRANSFORMER MECO
210 W KAMEHAMEHA AVE
KAHULUI, HI 96732

Database(s): [SHWS - HI, SPILLS - HI] (cont.)

SHWS - HI (cont.)

Within Designated Areawide Contamination: N/R
Document Date: 04/23/2012
Document Number: 2012-254-AH


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]

#### 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 Findings 2019**  
**Envirosite ID:** 320004370  
**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

---

### RCRA_SQG

**Facility Name:** KAHULUI BASEYARD  
**Facility Address:** 210 W KAMEHAMEHA AVENUE, KAHULUI, HI 96732

**Database(s):** [RCRA_SQG]
**Map Findings 2019**

Map Id: G33  
Direction: SSE  
Distance: 0.204 mi.  
Actual: 1078.953 ft.  
Elevation: 0.001 mi. / 6.562 ft.  
Relative: Lower

**Database(s): [RCRA_SQG](cont.)**

**Map Findings**

**Site Name:** KAHULUI BASEYARD  
210 W KAMEHAMEHA AVENUE  
KAHULUI, HI 96732  

**Database(s): [RCRA_SQG](cont.)**  

---

**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 |  

---

**Handler Activities Summary**

| Activity Type: U.S. Importer of Hazardous Waste | N |  
| Activity Type: Mixed Waste (Haz. and Radioactive) | N |  
| Activity Type: Recycler of Hazardous Waste | N |  
| Activity Type: Transporter of Hazardous Waste | N |  
| Activity Type: Treater, Storer or Disposer of HW | N |  
| Activity Type: Underground Injection Activity | N |  
| Activity Type: On-site Burner Exemption | N |  

---
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

Site Name: KAHULUI SHOPPING CENTER
47 WEST KAHAUMANU AVENUE
KAHULUI, HI 96732
Database(s): [ECHO, RCRA_SQG]

ECHO
- Facility Name: KAHULUI SHOPPING CENTER
- Facility Address: 47 WEST KAHAUMANU 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
Site Name: KAHULUI SHOPPING CENTER

47 WEST KAHAUMANU AVENUE
KAHULUI, HI 96732

Database(s): [ECHO, RCRA_SQG] (cont.)

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
Chesapeake Bay Flag: N/R
Map Findings 2019

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 KAAMANU AVENUE
KAHULUI, HI 96732

Database(s): [ECHO, RCRA_SQG] (cont.)

ECHO (cont.)

AIR Flag : N
NPDES Flag : N
SDWIS Flag : N
RCRA Flag : Y
TRI Flag : N
GHG Flag : N/R
Major Flag : Y
Active 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 KAAMANU 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 Findings

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.)

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]

SHWS - HI

Facility Name: Sears Auto Center
Facility Address: 275 Kaahumanu Ave, Kahului, HI 96732
County: Maui
Site Name: SEARS AUTO CENTER
275 KAHAHUMANU AVE
KAHULUI, HI 96732

Database(s): [SHWS - HI] (cont.)

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 database site address to TMK address. Chose likely adjacent TMK.

Site Name: SEARS ROEBUCK AND COMPANY
275 KAHAHUMANU AVE STE 1000
KAHULUI, HI 96732

Database(s): [RCRA_CESQG]
Map Findings 2019

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

Map Id: F37
Direction: W
Distance: 0.222 mi.
Actual: 1173.233 ft.
Elevation: 0.003 mi. / 16.453 ft.
Relative: Higher

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 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
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
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
Site Name: SEARS ROEBUCK AND COMPANY
275 KAAHUMANU AVE STE 1000
KAHULUI, HI 96732

Database(s): [RCRA_CESQG] (cont.)

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

Site Name: MACYS WEST KAAHUMANU
275 KAAHUMANU AVE STE 1100
KAHULUI, HI 96732

Database(s): [FRS, RCRA_CESQG]

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.
Site Name: MACYS WEST KAAHUMANU  
275 KAAHUMANU AVE STE 1100  
KAHULUI, HI 96732  

Database(s): [FRS, RCRA_CESQG] (cont.)

Map Findings 2019

Map Id: F38  
Direction: W  
Distance: 0.222 mi.  
Actual: 1173.233 ft.  
Elevation: 0.003 mi. / 16.453 ft.  
Relative: Higher

FRS (cont.)

FRS Environmental Interest  
Source and System ID:

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 Telephone: 808-945-5913  
Owner/Operator Fax: N/R  
Owner/Operator Email: 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
Site Name: MACYS WEST KAAHUMANU
275 KAAHUMANU AVE STE 1100
KAHULUI, HI 96732
Database(s): [FRS, RCRA_CESQG] (cont.)

Map Id: F38
Direction: W
Distance: 0.222 mi.
Actual: 1173.233 ft.
Elevation: 0.003 mi. / 16.453 ft.
Relative: Higher

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

Site Name: O'REILLY AUTO PARTS STORE 3494
24 KAAHUMANU AVENUE STE 1
KAHULUI, HI 96732
Database(s): [ECHO, FRS, RCRA_CESQG]

Map Id: E39
Direction: NE
Distance: 0.223 mi.
Actual: 1177.674 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

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.)

ECHO (cont.)

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<td>Three-Year Compliance Status</td>
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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: 20020000103
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 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
Site Name: O'REILLY AUTO PARTS STORE 3494
24 KAHAHUMANU AVENUE STE 1
KAHULUI, HI 96732

Database(s): [ECHO, FRS, RCRA_CESQG] (cont.)

Map Findings 2019

Map Id: E39
Direction: NE
Distance: 0.223 mi.
Actual: 1177.674 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

ECHO (cont.)

Indian County Flag: N
Federal Flag: N/R
US Mexico Border Flag: N/R
Chesapeake 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 KAHAHUMANU 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

Envirosite ID: 414267307
EPA ID: HIR000141986

Page 109 of 327
Map Findings

Site Name: O'REILLY AUTO PARTS STORE 3494
24 KAHAUMANU AVENUE STE 1
KAHULUI, HI 96732

Database(s): [ECHO, FRS, RCRA_CESQG] (cont.)

RCRA_CESQG

Facility Name: O'REILLY AUTO PARTS STORE 3494
Facility Address: 24 KAHAUMANU AVENUE STE 1, KAHULUI, HI 96732
County: MAUI

Date Form Received by Agency: 20140370
EPA ID: HIR000141986
Mailing Address: 233 S. PATTERSON AVE., SPRINGFIELD, 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 Findings

Site Name: O'REILLY AUTO PARTS STORE 3494
24 KAAMANU AVENUE STE 1
KAHULUI, HI 96732

Database(s): [ECHO, FRS, 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, ORTHODICHLOROBENZENE, TRICHLOROFUOROMETHANE, 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-NITROPROPADE; 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 Findings 2019

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 KAHAHUMANU 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: 110013767245
Facility Registry Identifier: State
Program Full Name: Hazard Undetermined
Potential Hazard and Controls: Response Not Necessary
Assessment: NFA
Priority: N/R
Nature of Contamination: N/R
Nature of Residual Contamination: N/R
Response: 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: 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
Last Date in Agency List: 11/29/2018
### Site Name: MAUI MEAT COMPANY FACILITY (FORMER), UST CLOSURE
601 2ND ST
KAHULUI, HI 96732

**Database(s):** [SHWS - HI, SPILLS - HI](cont.)

### SHWS - HI (cont.)

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### SPILLS - HI

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<td><strong>Facility Address:</strong> 601 2nd St, 2nd St and Wharf St, Kahului, 96732</td>
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<th>Case Number :</th>
<th>19950110</th>
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<tbody>
<tr>
<td><strong>Activity End Date:</strong></td>
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<td><strong>HID Number :</strong></td>
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<tr>
<td><strong>Facility Registry Identifier :</strong></td>
<td>110013767245</td>
</tr>
<tr>
<td><strong>Activity Type :</strong></td>
<td>Response</td>
</tr>
<tr>
<td><strong>Activity Lead :</strong></td>
<td>Greg Olmsted</td>
</tr>
<tr>
<td><strong>Activity Result :</strong></td>
<td>Refer to ISST</td>
</tr>
<tr>
<td><strong>Substances :</strong></td>
<td>Diesel Fuel</td>
</tr>
<tr>
<td><strong>Quantity :</strong></td>
<td>N/R</td>
</tr>
<tr>
<td><strong>Lead and Program :</strong></td>
<td>HEER EP&amp;R</td>
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<tr>
<td><strong>National Response Center Incident Report:</strong></td>
<td>N/R</td>
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<tr>
<td><strong>Organization :</strong></td>
<td>Alexander &amp; Baldwin, Inc.</td>
</tr>
<tr>
<td><strong>Location Island :</strong></td>
<td>Maui</td>
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<tr>
<td><strong>Supplemental Location :</strong></td>
<td>N/R</td>
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<td><strong>EP&amp;R Environmental Interest :</strong></td>
<td>Maui Meat Company, Inc. UST</td>
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<td><strong>Was coordination needed on or off scene?:</strong></td>
<td>N/R</td>
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| **Tax Map Key :** | 237008002 |

### Site Name: SUGAR MILL AUTO CARE CENTER
1130 PUUNENE AVE
PUUNENE, HI 96784

**Database(s):** [HIST LUST - HI, UST - HI]

### HIST LUST - HI

<table>
<thead>
<tr>
<th>Facility Name : SUGAR MILL AUTO CARE CENTER</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Facility Address:</strong> 1130 PUUNENE AVE, Puunene, HI 96784</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th><strong>Installed Date :</strong></th>
<th>03/29/1969</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Facility ID :</strong></td>
<td>9-501906</td>
</tr>
<tr>
<td><strong>Tank ID :</strong></td>
<td>R-3</td>
</tr>
<tr>
<td><strong>Tank Status Description :</strong></td>
<td>Permanently Out of Use</td>
</tr>
<tr>
<td><strong>Tank Capacity :</strong></td>
<td>1500</td>
</tr>
<tr>
<td><strong>Substance Description :</strong></td>
<td>Used Oil</td>
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Page 113 of 327
### HIST LUST - HI (cont.)

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<tr>
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<th>Tank ID</th>
<th>Tank Status Description</th>
<th>Date Closed</th>
<th>Organization Name</th>
<th>Organization Address</th>
<th>Last Date in Agency list</th>
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<td>05/06/1966</td>
<td>9-501906</td>
<td>R-1</td>
<td>Permanently Out of Use</td>
<td>10/31/1991</td>
<td>A &amp; B PROPERTIES, INC.</td>
<td>1130 PUUNENE AVE, Puunene, HI 96784</td>
<td>03/04/2014</td>
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<td>05/06/1966</td>
<td>9-501906</td>
<td>R-2</td>
<td>Permanently Out of Use</td>
<td>10/31/1991</td>
<td>A &amp; B PROPERTIES, INC.</td>
<td>1130 PUUNENE AVE, Puunene, HI 96784</td>
<td>03/04/2014</td>
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<tr>
<td>05/29/1966</td>
<td>9-501906</td>
<td>R-4</td>
<td>Permanently Out of Use</td>
<td>10/31/1991</td>
<td>A &amp; B PROPERTIES, INC.</td>
<td>1130 PUUNENE AVE, Puunene, HI 96784</td>
<td>03/04/2014</td>
</tr>
<tr>
<td>05/30/1966</td>
<td>9-501906</td>
<td>R-5</td>
<td>Permanently Out of Use</td>
<td>10/31/1991</td>
<td>A &amp; B PROPERTIES, INC.</td>
<td>1130 PUUNENE AVE, Puunene, HI 96784</td>
<td>03/04/2014</td>
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### UST - HI

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<tbody>
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<td>SUGAR MILL AUTO CARE CENTER</td>
<td>1130 PUUNENE AVE, Puunene, HI 96784</td>
</tr>
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</table>
Site Name: SUGAR MILL AUTO CARE CENTER
1130 PUUNENE AVE
PUUNENE, HI 96784

Database(s): [HIST LUST - HI, UST - HI] (cont.)

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: 05/06/1966
- 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 Findings 2019

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

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

<table>
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<tr>
<th>Tank ID</th>
<th>Installed Date</th>
<th>Date Closed</th>
<th>Status</th>
<th>Capacity</th>
<th>Product</th>
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<tbody>
<tr>
<td>R-4</td>
<td>07/19/1983</td>
<td>07/30/1997</td>
<td>Permanently Out of Use</td>
<td>1000</td>
<td>Used Oil</td>
</tr>
<tr>
<td>R-1</td>
<td>06/01/1983</td>
<td>06/04/2001</td>
<td>Permanently Out of Use</td>
<td>10000</td>
<td>Gasoline</td>
</tr>
<tr>
<td>R-2</td>
<td>06/01/1983</td>
<td>06/04/2001</td>
<td>Permanently Out of Use</td>
<td>10000</td>
<td>Gasoline</td>
</tr>
</tbody>
</table>
Map Findings

Site Name: CHEVRON STATION 94682
101 PUUNENE AVE
KAHULUI, HI 96732

Database(s): [LUST - HI, UST - HI] (cont.)

Site Name: TESORO #61071
243 PUUNENE AVE
KAHULUI, HI 96732

Database(s): [LUST - HI, UST - HI]

LUST - 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

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 Findings

Site Name: TESORO #61071
243 PUUNENE AVE
KAHULUI, HI 96732

Database(s): [LUST - HI, UST - HI] (cont.)

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

LUST - HI

Site Name: ALOHA SHELL
110 S PUUNENE ST
KAHULUI, HI 96732

Database(s): [LUST - HI, UST - HI]
ALOHA SHELL
110 S PUUNENE ST
KAHULUI, HI 96732

Site Name: ALOHA SHELL
Facility Address: 110 S PUUNENE ST, Kahului, HI 96732

Database(s): [LUST - HI, UST - HI] (cont.)

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
**UST - HI (cont.)**

Product: Diesel

<table>
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<tr>
<th>Installed Date</th>
<th>Date Closed</th>
<th>Tank ID</th>
<th>Tank Status</th>
<th>Tank Capacity</th>
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<tbody>
<tr>
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<td>04/18/1988</td>
<td>R-4</td>
<td>Permanently Out of Use</td>
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**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
Site Name: MCC-AUTOMOTIVE TECHNOLOGY BUILDING CONTAMINATION
310 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s): [SHWS - HI, SPILLS - HI] (cont.)

SHWS - HI (cont.)

Contact Information: (808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782
Last Date in Agency List: 11/29/2018

ECHO

Facility Name: MAUI COMMUNITY COLLEGE
Facility Address: 310 KAAHUMANU AVE, KA HULUI, HI 96732
County: MAUI

Database(s): [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI, ]
Site Name: MAUI COMMUNITY COLLEGE
310 KAAMHUMANU AVE
KAHULUI, HI 96732

Database(s): [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] (cont.)

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 Findings

**Envirosite ID:** 356178957  
**EPA ID:** HID981975170

**Site Name:** MAUI COMMUNITY COLLEGE  
**Address:** 310 KAAHUMANU AVE, KAHULUI, HI 96732

**Database(s):** [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] *(cont.)*

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**ECHO (cont.)**

<table>
<thead>
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<tbody>
<tr>
<td>Facility Last Informal Act EPA Date</td>
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<td>TRI Reporter</td>
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<td>Facility Import Water Flag</td>
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<td>Current SNC Flag</td>
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<td>Chesapeake Bay Flag</td>
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<td>Last Date in Agency List</td>
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**FRS**

<table>
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<th>Value</th>
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<tbody>
<tr>
<td>Facility Name</td>
<td>MAUI COMMUNITY COLLEGE</td>
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<tr>
<td>Facility Address</td>
<td>310 KAAHUMANU AVE, KAHULUI, HI 96732-1644</td>
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<tr>
<td>County</td>
<td>MAUI</td>
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<tr>
<td>Registry ID</td>
<td>110005725750</td>
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<td>FRS Facility URL</td>
<td><a href="#">Click here for hyperlink provided by the agency.</a></td>
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<tr>
<td>Last Date in Agency List</td>
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**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 Findings

Site Name: MAUI COMMUNITY COLLEGE
310 KAHAHUMANU AVE
KAHULUI, HI 96732

Database(s): [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI]

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
RCRAININFO - HID981975170

HAZNET - CA

Facility Name: MAUI COMMUNITY COLLEGE
Facility Address: 310 KAHAHUMANU AVE, KAHULUI, HI 96732
County: Unknown

Site Details
Year: 2003
Contact Name: DAVID TAMANAHA
Facility Mailing Address: 310 KAHAHUMANU AVE, KAHULUI, HI 96732
Contact Phone: 8089843253

Year: 2001
Contact Name: DAVID TAMANAHA
Facility Mailing Address: 310 KAHAHUMANU 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 Findings 2019

Site Name: MAUI COMMUNITY COLLEGE
310 KAHAUMANU 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: CAD09494310
TSDF Disposal County: Santa Clara
State Waste: Unspecified solvent mixture
Disposition 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
Disposition 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
Disposition Method: Transfer station
Tons: 0.01

LUST - HI
Facility Name: MAUI COMMUNITY COLLEGE
Facility Address: 310 KAHAUMANU 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 KAHAUMANU AVE, KAHULUI, HI 96732
County: MAUI

Date Form Received by Agency: 05/14/2000
EPA ID: HID981975170
Mailing Address: 310 KAHAUMANU 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 KAHAHUMANU AVE
KAHULUI, HI 96732

Database(s): [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] (cont.)

RCRA_CESQG (cont.)

Contact Address: 310 KAHAHUMANU 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: UNIVERSITY OF HAWAII
Owner/Operator Address: 2040 EAST WEST ROAD, HONOLULU, HI 96822
Owner/Operator Telephone: 808-956-3198
Owner/Operator Type: Owner
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 Telephone: 808-956-3198
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 Findings 2019

Map Id: J46
Direction: W
Distance: 0.330 mi.
Actual: 1742.493 ft.
Elevation: 0.006 mi. / 29.531 ft.
Relative: Higher

<table>
<thead>
<tr>
<th>Site Name</th>
<th>MAUI COMMUNITY COLLEGE</th>
</tr>
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<tbody>
<tr>
<td>Address</td>
<td>310 KAHAHUMANU AVE KAHULUI, HI 96732</td>
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<tr>
<td>Database(s)</td>
<td>[ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] (cont.)</td>
</tr>
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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 - 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
Site Name: MAUI COMMUNITY COLLEGE  
310 KAAHUMANU AVE  
KAHULUI, HI 96732

Database(s): [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] (cont.)

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
Site Name: MAUI COMMUNITY COLLEGE
310 KAAHUMANU AVE
KAHULUI, HI 96732

Database(s): [ECHO, FRS, HAZNET - CA, LUST - HI, RCRA_CESQG, UST - HI] (cont.)

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

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 Findings 2019

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.)

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 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 Findings 2019

Site Name: LOT F3 SOUTH WAKEA AVENUE
231 S WAKEA AVE
KAHULUI, HI 96732

Database(s): [I C - HI, SHWS - HI] (cont.)

SHWS - HI (cont.)

Date Issued: 02/28/2011
Within Designated Areawide Contamination: N/R
Document Date: 04/10/2012

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

Site Name: J'S SHELL STATION
147 S PUUNENE AVE
KAHULUI, HI 96732

Database(s): [LUST - HI, UST - HI]

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
**Site Name:** J'S SHELL STATION  
147 S PUUNENE AVE  
KAHULUI, HI 96732  

**Database(s):** [LUST - HI, UST - HI] *(cont.)*

### UST - HI

**Facility Name:** J'S SHELL STATION  
**Facility Address:** 147 S PUUNENE AVE, Kahului, HI 96732

### Site Details

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<tr>
<th><strong>Facility ID</strong></th>
<th>9-500422</th>
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<tbody>
<tr>
<td><strong>Formal Name</strong></td>
<td>EQUILON ENTERPRISES, LLC DBA SHELL OIL PRODUCTS US</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>2555 13TH AVE, SW, Kahului, HI 96732</td>
</tr>
<tr>
<td><strong>Latitude Measure</strong></td>
<td>20.887855</td>
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<tr>
<td><strong>Longitude Measure</strong></td>
<td>-156.46551</td>
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<tr>
<td><strong>Horizontal Collection Method Name</strong></td>
<td>GPS</td>
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<tr>
<td><strong>Horizontal Reference Datum Name</strong></td>
<td>NAD83</td>
</tr>
<tr>
<td><strong>Last Date in Agency List</strong></td>
<td>01/10/2019</td>
</tr>
</tbody>
</table>

### 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:** 10/29/1991  
**Tank ID:** R-4  
**Tank Status:** Permanently Out of Use  
**Tank Capacity:** 4000  
**Product:** Gasoline

Envirosite ID: 11178750  
EPA ID: N/R
**J'S SHELL STATION**
147 S PUUNENE 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 Findings

- 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.)

### UST - HI

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Wakea Papa John's 76 (#301)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility Address</td>
<td>9 S WAKEA AVE, Kahului, HI 96732</td>
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#### Site Details

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<tr>
<th>Facility ID</th>
<th>9-500007</th>
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<tbody>
<tr>
<td>Formal Name</td>
<td>HIE Retail LLC</td>
</tr>
<tr>
<td>Address</td>
<td>1132 Bishop St., Ste 2500, Kahului, HI 96732</td>
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<tr>
<td>Latitude Measure</td>
<td>20.886448</td>
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<td>Longitude Measure</td>
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<tr>
<td>Horizontal Reference Datum Name</td>
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<tbody>
<tr>
<td>Formal Name</td>
<td>Mid Pac Petroleum LLC</td>
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<tr>
<td>Address</td>
<td>1132 Bishop Street, Suite 2500, Kahului, HI 96732</td>
</tr>
<tr>
<td>Latitude Measure</td>
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<td>Mid Pac Petroleum LLC</td>
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<td>NAD83</td>
</tr>
<tr>
<td>Last Date in Agency List</td>
<td>01/10/2019</td>
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</tbody>
</table>

#### Tank Details

| Installed Date | 02/27/1995 |
| Date Closed | 07/13/2010 |
| Tank ID | r-3 |
| Status | Permanently out of Use |
| Capacity | 520 |
| Product | Used Oil |

| Installed Date | 02/27/1995 |
| Date Closed | N/R |
| Tank ID | 1 |
| Status | Temporarily out of Use |
| Capacity | 12000 |
| Product | Gasohol |

| Installed Date | 02/27/1995 |
| Date Closed | N/R |
| Tank ID | 2 |
Map Findings

Site Name: WAKEA PAPA JOHN’S 76 (#301)
9 S WAKEA AVE
KAHULUI, HI 96732
Database(s): [LUST - HI, UST - HI] (cont.)

UST - HI (cont.)

- Tank Status: Currently in Use
- Tank Capacity: 12000
- Product: Gasohol

- Installed Date: 04/15/1960
- Date Closed: 04/15/1990
- 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: 01/01/1990
- Tank ID: R-4653-1
- Tank Status: Permanently Out of Use
- Tank Capacity: 5000
- Product: Gasoline

LUST - HI

- Facility Name: Mid Pac Petroleum 254653 (prev: CENTRAL 76 L-4653)
- Facility Address: 9 S WAKEA AVE, Kahului, HI 96732

Database(s): [LUST - HI, UST - HI]
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.)
Map Id: 51
Direction: WSW
Distance: 0.385 mi.
Actual: 2033.185 ft.
Elevation: 0.009 mi. / 47.589 ft.
Relative: Higher

**HIST LUST - HI (cont.)**

- Site Name: W & F WASHERETTE, INC.
  - Address: 125 S WAKEA AVE
  - KAHULUI, HI 96732
- Database(s): [HIST LUST - HI, UST - HI] (cont.)
- Envirosite ID: 11687855
- EPA ID: N/R

- 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

**LUST - HI**

- Site Name: YOUNG BROTHERS LTD
  - Address: PIER 2
  - KAHULUI, HI 96732
- Database(s): [LUST - HI, UST - HI]
- Envirosite ID: 11178760
- EPA ID: N/R

- 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 Findings 2019

Site Name: YOUNG BROTHERS LTD
PIER 2
KAHULUI, HI 96732
Database(s): [LUST - HI, UST - HI] (cont.)

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 Description: Permanently Out of Use
Tank Capacity: 1000
Product: Gasoline

Site Name: HALEAKALA DAIRY
55 S WAKEA
KAHULUI, HI 96732
Database(s): [HIST LUST - HI, UST - HI]

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 Findings 2019

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

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
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<th>Site Name</th>
<th>MINIT STOP WAKEA</th>
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<tr>
<td>85 S WAKEA AVE</td>
<td>KAHULUI, HI 96732</td>
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**ECHO (cont.)**

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Site Name: MINIT STOP WAKEA
85 S WAKEA AVE
KAHULUI, HI 96732

Database(s): [ECHO, LUST - HI, UST - HI] (cont.)

ECHO (cont.)

Federal Flag: N/R
US Mexico Border Flag: N/R
Chesapeake 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
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
### 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

### SPILLS - HI

Facility Name: Young Brothers Kahului  
Facility Address: 65 Wharf St, Kahului, HI 96732

**Activity Details**

- **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 Findings

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
### Site Name: Young Brothers Kahului

- **Facility Name:** Young Brothers, Ltd.
- **Facility Address:** Kahului, HI
- **County:** Maui

#### Database(s):
- [SHWS - HI, SPILLS - HI](cont.)

- **Envirosite ID:** 319997437
- **EPA ID:** N/R

---

### Site Name: FUDS Navy Military Reservation (Kahului)

- **Facility Name:** FUDS Navy Military Reservation (Kahului)
- **Facility Address:** Kahului, HI
- **County:** Maui

#### Database(s):
- [SHWS - HI]

- **Envirosite ID:** 363381541
- **EPA ID:** N/R

---

#### Site Details:
- **SDAR Environmental Interest Name:** FUDS Navy Military Reservation (Kahului)
- **Supplemental Location Text:** H09H024500
- **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 Findings

**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
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: 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
Site Name: VIP WAREHOUSE
74 HOBRON AVE
KAHULUI, HI 96732

Database(s): [SHWS - HI, SPILLS - HI] (cont.)

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

Site Name: KAHULUI FUEL DISTRIBUTION TERMINAL
60 HOBRON AVE
KAHULUI, HI 96732

Database(s): [SHWS - HI, SPILLS - 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: 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 Findings 2019

Site Name: KAULULUI FUEL DISTRIBUTION TERMINAL
60 HOBRON AVE
KAULULUI, HI 96732

Database(s): [SHWS - HI, SPILLS - HI] (cont.)

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
### Site Details

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<td>Program Full Name</td>
<td>State</td>
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<td>Potential Hazard and Controls</td>
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<td>Assessment</td>
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<td>HEER</td>
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<td>Use Restrictions</td>
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<td>Description of Restrictions</td>
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<td>Engineering Control</td>
<td>N/R</td>
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<td>Document Subject</td>
<td>Former Tosco Bulk Plant 0323</td>
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<td>Site Closure Document</td>
<td>No Further Action Letter - Unrestricted Residential Use</td>
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<tr>
<td>Project Manager</td>
<td>Eric Sadoyama</td>
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<tr>
<td>Contact Information</td>
<td>(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782</td>
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<td>Last Date in Agency List</td>
<td>11/29/2018</td>
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### Tax Map Key Information

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<td>Description of Portion</td>
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<td>Description of Portion</td>
<td>40 Hobron Lane according to Maui County tanks formerly on this portion site</td>
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Map Findings 2019

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]

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<td>KAHULUI TERMINAL</td>
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<td>Facility Name:</td>
<td>Kahului Terminal</td>
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<td>Facility Address:</td>
<td>100 Hobron Ave, Unit A, Kahului, HI 96732</td>
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<td>Maui</td>
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<td>110001764083</td>
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<tr>
<td>Program Full Name:</td>
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<td>Potential Hazard and Controls:</td>
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<td>Assessment:</td>
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<tr>
<td>Priority:</td>
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<td>Nature of Residual Contamination:</td>
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<td>Response:</td>
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<td>Response Action Completed:</td>
<td>N/R</td>
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<tr>
<td>Lead Agency:</td>
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<tr>
<td>Use Restrictions:</td>
<td>Controls Required to Manage Contamination</td>
</tr>
<tr>
<td>Description of Restrictions:</td>
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<tr>
<td>Engineering Control:</td>
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<tr>
<td>Institutional Control:</td>
<td>N/R</td>
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<td>Date Issued:</td>
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<td>Within Designated Areawide Contamination:</td>
<td>Kahului Harbor</td>
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<td>Document Date:</td>
<td>N/R</td>
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<tr>
<td>Document Number:</td>
<td>N/R</td>
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<td>Document Subject:</td>
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<td>John Peard</td>
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<td>(808) 933-9921, Environmental Health Bldg, 1582 Kamehameha Ave, Hilo, HI 96720</td>
</tr>
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<td>Last Date in Agency List:</td>
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Tax Map Key Information

Tax Map Key: 237011012
Description of Portion: N/R

SPILLS - HI

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<tr>
<td>Facility Name:</td>
<td>Kahului Terminal</td>
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<td>Facility Address:</td>
<td>100 Hobron Ave, Unit A, Kahului, HI 96732</td>
</tr>
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<td>Case Number:</td>
<td>19960105-1339</td>
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<tr>
<td>Activity End Date:</td>
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<td>Activity Type:</td>
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<tr>
<td>Activity Lead:</td>
<td>Bill Perry</td>
</tr>
<tr>
<td>Activity Result:</td>
<td>SOSC NFA</td>
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</table>

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Map Findings

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: Drill
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 Findings 2019

**Map Id:** M60  
**Direction:** ENE  
**Distance:** 0.668 mi.  
**Actual:** 3524.940 ft.  
**Elevation:** 0.001 mi. / 3.281 ft.  
**Relative:** Lower

#### Envirosite ID: 330757624  
**EPA ID:** N/R

**Database(s):** [SHWS - HI, SPILLS - HI](cont)

### Site Name: KAHULUI TERMINAL  
100 HOBRON AVE  
KAHULUI, HI 96732

### 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

### 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

### 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

---

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Site Name: KAHULUI TERMINAL
100 HOBRON AVE
KAHULUI, HI 96732

Database(s): [SHWS - HI, SPILLS - HI] (cont.)

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<thead>
<tr>
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<th>KAHULUI TERMINAL</th>
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<tr>
<td>Location</td>
<td>100 HOBRON AVE</td>
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<tr>
<td>City</td>
<td>KAHULUI</td>
</tr>
<tr>
<td>State</td>
<td>HI</td>
</tr>
<tr>
<td>Zip Code</td>
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SPILLS - HI (cont.)

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<tr>
<td>National Response Center Incident Report</td>
<td>N/R</td>
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<tr>
<td>Organization</td>
<td>Chevron Products Company</td>
</tr>
<tr>
<td>Location Island</td>
<td>Maui</td>
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<tr>
<td>Supplemental Location</td>
<td>No FRS Number Match Unit A</td>
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<tr>
<td>Was coordination needed on or off scene?</td>
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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
| Site Name                  | KAHULUI TERMINAL  
|---------------------------|------------------  
| 100 HOBRON AVE           | KAHULUI, HI 96732  
| Database(s)              | [SHWS - HI, SPILLS - HI] (cont.)  
| Map Id                   | M60               
| Direction                | ENE               
| Distance                 | 0.668 mi.         
| Actual                   | 3524.940 ft.      
| Elevation                | 0.001 mi. / 3.281 ft.  
| Relative                 | Lower             

| Envirosite ID            | 330757624         
| EPA ID                   | N/R               

### SPILLS - HI (cont.)

| Case Number              | 199801111-2       
| 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  

| Tax Map Key              | 237011012         

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### Map Findings

**Site Name:** KAHULUI TERMINAL  
100 HOBRON AVE  
KAHULUI, HI 96732  

**Database(s):** [SHWS - HI, SPILLS - HI] (cont.)

**SPILLS - HI (cont.)**

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<tr>
<td>Location Island</td>
<td>Maui</td>
</tr>
<tr>
<td>Supplemental Location</td>
<td>No FRS Number Match Unit A</td>
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<tr>
<td>EP&amp;R Environmental Interest</td>
<td>Chevron Kahului Terminal</td>
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<td>Was coordination needed on or off scene?</td>
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**Tax Map Key:** 237011012

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**Site Name:** KAHULUI HARBOR PARCEL B  
140 HOBRON AVE  
KAHULUI, HI  

**Database(s):** [SHWS - HI]

**SHWS - HI**

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Kahului Harbor Parcel B</th>
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</thead>
<tbody>
<tr>
<td>Facility Address</td>
<td>140 Hobron Ave, Bounded: Hobron West, Aalahao South, Amala East, Kahului, HI</td>
</tr>
<tr>
<td>County</td>
<td>Maui</td>
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</tbody>
</table>

**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 Findings

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

Site Name: HOBRON AVE AREA (KAHULUI)
HOBRON AVE
KAHULUI, HI 96732

Database(s): [SHWS - HI]

Envirosite ID: 319997330
EPA ID: N/R

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 Findings 2019

Site Name: HOBRON AVE AREA (KAHULUI)
HOBRON AVE
KAHULUI, HI 96732

Database(s): [SHWS - HI] (cont.)

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 Findings 2019

#### Site Name: Hobron Ave Area (Kahului)
- **Envirosite ID:** 319997330
- **EPA ID:** N/R
- **Database(s):** [SHWS - HI](cont.)

- **Map Id:** 62
- **Direction:** ENE
- **Distance:** 0.740 mi.
- **Actual:** 3909.120 ft.
- **Elevation:** 0.001 mi. / 3.281 ft.
- **Relative:** Lower

<table>
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<th>Description of Portion</th>
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</thead>
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<tr>
<td>237011024</td>
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<td>N/R</td>
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<tr>
<td>237011028</td>
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</table>

#### Site Name: Alii Linen Service (FKA Snow White Linen)
- **Envirosite ID:** 11230060
- **EPA ID:** N/R
- **Database(s):** [I C - HI, SHWS - HI, SPILLS - HI]

- **Map Id:** 63
- **Direction:** E
- **Distance:** 0.866 mi.
- **Actual:** 4573.715 ft.
- **Elevation:** 0.002 mi. / 10.338 ft.
- **Relative:** Higher

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<tr>
<th>Facility Name</th>
<th>Facility Address</th>
<th>County</th>
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<tbody>
<tr>
<td>Alii Linen Service (fka Snow White Linen)</td>
<td>312 Alamaha Pl, Unit H, Kahului, HI 96732</td>
<td>Maui</td>
</tr>
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</table>

- **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
### 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
- **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

### I C - HI (cont.)

<table>
<thead>
<tr>
<th>Description of Restrictions</th>
<th>Prohibit Any Activity That May Disturb the Integrity of the Capping or Monitoring System</th>
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<td><strong>Institutional Control</strong></td>
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<td><strong>Date Issued</strong></td>
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<td><strong>Document Number</strong></td>
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<td><strong>Site Closure Document</strong></td>
<td>No Further Action Letter - Restricted Use</td>
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<tr>
<td><strong>Project Manager</strong></td>
<td>Cal Miyahara</td>
</tr>
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<td><strong>Contact Information</strong></td>
<td>(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782</td>
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### 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
Map Findings

Site Name: ALII LINEN SERVICE (FKA SNOW WHITE LINEN)
312 ALAMAH PL
KAHULUI, HI 96732

Database(s): [I C - HI, SHWS - HI, SPILLS - HI] (cont.)

Site Name: MAUI DISPOSAL COMPANY
221 LALO PL
KAHULUI, HI 96732

Database(s): [SHWS - HI, SPILLS - HI]
### Map Findings 2019

**Site Name:** MAUI DISPOSAL COMPANY  
221 LAHO PL  
KAHULUI, HI 96732

**Database(s):** [SHWS - HI, SPILLS - HI] (cont.)

#### SHWS - HI (cont.)

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**Site Details**

<table>
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<td>Opala Partners Diesel Release</td>
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<td>Assessment</td>
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<td>Use Restrictions</td>
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<td>2002-029-MGC</td>
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<td>Priority Letter for Opala Partners LLC</td>
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<td>No Further Action Letter - Unrestricted Residential Use</td>
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<tr>
<td>Project Manager</td>
<td>Melody Callay</td>
</tr>
<tr>
<td>Contact Information</td>
<td>(808) 586-4249 2385, Waimano Home Rd, Pearl City, HI 96782</td>
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<td>11/29/2018</td>
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#### Tax Map Key Information

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#### SPILLS - HI

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<td>Facility Address</td>
<td>221 Lalo Pl, Kahului, HI 96732</td>
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<td>Activity Lead</td>
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<td>Activity Result</td>
<td>Refer to ISST</td>
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<td>Substances</td>
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<td>Quantity</td>
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<td>Lead and Program</td>
<td>HEER EP&amp;R</td>
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Envirosite ID: 319997359  
EPA ID: N/R
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:
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:
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:
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 Findings

Site Name: MAUI DISPOSAL COMPANY
221 LAHO PL
KAHULUI, HI 96732

Database(s): [SHWS - HI, SPILLS - HI] (cont.)

Envirosite ID: 319997359
EPA ID: N/R

Site Name: HAWAII WOOD PRESERVING CO.
356 HANAKAI ST
KAHULUI, HI 96732

Database(s): [SHWS - HI]

Envirosite ID: 319997326
EPA ID: N/R
Map Findings

Site Name: HAWAII WOOD PRESERVING CO.
356 HANAKAI ST
KAHULUI, HI 96732

Database(s): [SHWS - HI](cont.)

Site Name: MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s): [BRS, HIST CORRACTS 2, RCRA_NONGEN]

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 Findings

Site Name: HAWAII WOOD PRESERVING CO.
356 HANAKAI ST
KAHULUI, HI 96732

Database(s): [SHWS - HI](cont.)

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 Findings

Site Name: MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s): [BRS, HIST CORRACTS 2, RCRA_NONGEN]

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
Site Name: MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s): [BRS, HIST CORRACTS 2, RCRA_NONGEN]
(cont.)

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
Site Name: MAUI TOYOTA FKA HI WOOD PRESERVING CO  
356 HANAKAI STREET  
KAHULUI, HI 96732

Database(s): [BRS, HIST CORRACTS 2, RCRA_NONGEN]

Source Code Description: Removal of tank sludge, sediments, or slag (periodic sludge or residual removal from storage tanks including internal scrubbing or cleaning)

<table>
<thead>
<tr>
<th>Form Code</th>
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<tbody>
<tr>
<td>Form Code Description</td>
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<tr>
<td>Management Method</td>
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<td>Management Method Description</td>
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<td>Managed Tons</td>
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<td>Receiver ID</td>
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<td>Waste Minimization Code</td>
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<td>Waste Minimization Code Description</td>
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<td>Waste Code List</td>
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<td>D004-D011 combinations</td>
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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)

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Map Findings 2019

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 (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 DRIPPIAGE, 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
### BRS (cont.)

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<td>Generation Tons</td>
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<td>Managed Tons</td>
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<td>Received Tons</td>
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<td>Receiver ID</td>
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<td>Waste Code Group Description</td>
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<td>Waste Description</td>
<td>STODDARD SOLVENT AND WATER</td>
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Map Findings 2019

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]

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 Findings 2019

Site Name: MAUI TOYOTA FKA HI WOOD PRESERVING CO
            356 HANAKAI STREET
            KAHULUI, HI 96732

Database(s): [BRS, HIST CORRACTS 2, RCRA_NONGEN] (cont.)

<table>
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<tr>
<th>Contact Email</th>
<th><a href="mailto:DAMIEN@MAUITOYOTA.NET">DAMIEN@MAUITOYOTA.NET</a></th>
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<tbody>
<tr>
<td>EPA Region</td>
<td>09</td>
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<tr>
<td>Land Type</td>
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<tr>
<td>Source Type</td>
<td>Implementer</td>
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<td>Classification</td>
<td>Not a generator, verified</td>
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<tr>
<td>Description</td>
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Owner/Operator Summary

<table>
<thead>
<tr>
<th>Owner/Operator Name</th>
<th>DAMIEN FARIAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner/Operator Address</td>
<td>320 HANA HIGHWAY, KAHULUI, HI 96732</td>
</tr>
<tr>
<td>Owner/Operator Country</td>
<td>US</td>
</tr>
<tr>
<td>Owner/Operator Telephone</td>
<td>N/R</td>
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<tr>
<td>Owner/Operator Email</td>
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<tr>
<td>Legal Status</td>
<td>Private</td>
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<td>Owner/Operator Type</td>
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<tr>
<td>Owner/Operator End Date</td>
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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 |

Envirosite ID: 410853523
EPA ID: HID980883185

Page 171 of 327
Map Findings 2019

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

RCRA_NONGEN (cont.)

Historical Generators

<table>
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<tr>
<th>Date Form Received by Agency</th>
<th>Facility Name</th>
<th>Classification</th>
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<tbody>
<tr>
<td>04/10/2006</td>
<td>MAUI TOYOTA FKA HI WOOD PRESERVING CO</td>
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<td>10/28/1998</td>
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<td>04/11/1997</td>
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</table>

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

<table>
<thead>
<tr>
<th>Date of Violation</th>
<th>Date Achieved Compliance</th>
<th>Regulation Violated</th>
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<tbody>
<tr>
<td>07/19/1994</td>
<td>08/22/1999</td>
<td>Y</td>
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Map Findings

Map Id: N66
Direction: E
Distance: 0.919 mi.
Actual: 4852.056 ft.
Elevation: 0.002 mi. / 9.764 ft.
Relative: Higher

<table>
<thead>
<tr>
<th>Site Name</th>
<th>MAUI TOYOTA FKA HI WOOD PRESERVING CO</th>
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<tbody>
<tr>
<td></td>
<td>356 HANAKAI STREET</td>
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<tr>
<td></td>
<td>KAHULUI, HI 96732</td>
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Database(s): [BRS, HIST CORRACTS 2, RCRA_NONGEN]

RCRA_NONGEN (cont.)

<table>
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<tr>
<th>Area of Violation</th>
<th>TSD - General</th>
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<td>FINAL 3008(A) COMPLIANCE ORDER</td>
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<td>Enforcement Action Date</td>
<td>05/14/1995</td>
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<td>Enf. Disp. Status Date</td>
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<td>Violation Lead Agency</td>
<td>State</td>
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<tr>
<td>Enforcement Lead Agency</td>
<td>State</td>
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<td>Paid Penalty Amount</td>
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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                               |
Site Name: MAUI TOYOTA FKA HI WOOD PRESERVING CO
356 HANAKAI STREET
KAHULUI, HI 96732

Database(s): [BRS, HIST CORRACTS 2, RCRA_NONGEN]

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 |

<p>| Evaluation Date | 20090236 |
| Evaluation : | COMPLIANCE EVALUATION INSPECTION ON-SITE |
| Area of Violation : | N/R |
| Date Achieved Compliance : | N/R |
| Evaluation Lead Agency : | State |</p>
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<td>CERCLIS NFRAP, SEMS...</td>
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</tbody>
</table>
Environmental Records Searched

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 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 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
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
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
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
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
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
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
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
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
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: Hawai‘i 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

<table>
<thead>
<tr>
<th>Agency Version Date: 01/07/2019</th>
<th>Agency: U.S. Department of Justice</th>
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</thead>
<tbody>
<tr>
<td>Agency Update Frequency: Quarterly</td>
<td>Agency Contact: 202-307-7610</td>
</tr>
<tr>
<td>Planned Next Contact: 03/18/2019</td>
<td>Most Recent Contact: 01/07/2019</td>
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**US HIST CDL:** The U.S. Department of Justice historical listing of clandestine drug lab locations

<table>
<thead>
<tr>
<th>Agency Version Date: 01/07/2019</th>
<th>Agency: U.S. Department of Justice</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agency Update Frequency: Quarterly</td>
<td>Agency Contact: 202-307-7610</td>
</tr>
<tr>
<td>Planned Next Contact: 03/18/2019</td>
<td>Most Recent Contact: 01/07/2019</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Agency Version Date: 11/12/2018</th>
<th>Agency: Indian Health Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agency Update Frequency: Varies</td>
<td>Agency Contact: 855-246-3642</td>
</tr>
<tr>
<td>Planned Next Contact: 04/01/2019</td>
<td>Most Recent Contact: 01/21/2019</td>
</tr>
</tbody>
</table>

**INDIAN ODI R8:** Region 8 Indian land open dump inventory sites maintained within the STARS program

<table>
<thead>
<tr>
<th>Agency Version Date: 01/21/2019</th>
<th>Agency: Indian Health Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agency Update Frequency: Varies</td>
<td>Agency Contact: 855-246-3642</td>
</tr>
<tr>
<td>Planned Next Contact: 04/01/2019</td>
<td>Most Recent Contact: 01/21/2019</td>
</tr>
</tbody>
</table>

**ODI:** Open dump inventory sites

<table>
<thead>
<tr>
<th>Agency Version Date: 10/03/2017</th>
<th>Agency: U.S. Environmental Protection Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agency Update Frequency: No Update</td>
<td>Agency Contact: 855-246-3642</td>
</tr>
<tr>
<td>Planned Next Contact: 04/16/2019</td>
<td>Most Recent Contact: 02/05/2019</td>
</tr>
</tbody>
</table>

**TRIBAL ODI:** Indian land open dump inventory for all regions

<table>
<thead>
<tr>
<th>Agency Version Date: 11/29/2018</th>
<th>Agency: Indian Health Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agency Update Frequency: Varies</td>
<td>Agency Contact: 301-443-3593</td>
</tr>
<tr>
<td>Planned Next Contact: 04/18/2019</td>
<td>Most Recent Contact: 02/07/2019</td>
</tr>
</tbody>
</table>

### RECORDS OF EMERGENCY RELEASE REPORTS

**HMIRS (DOT):** Hazardous Material spills reported by the Department of Transportation

<table>
<thead>
<tr>
<th>Agency Version Date: 12/12/2018</th>
<th>Agency: U.S. Department of Transportation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agency Update Frequency: Varies</td>
<td>Agency Contact: (202) 366-4996</td>
</tr>
<tr>
<td>Planned Next Contact: 05/01/2019</td>
<td>Most Recent Contact: 02/20/2019</td>
</tr>
</tbody>
</table>

**HIST SPILLS - HI:** List of oil and hazardous material spills report sites that are no longer in current agency list.

<table>
<thead>
<tr>
<th>Agency Version Date: 07/17/2018</th>
<th>Agency: Hawaii State Department of Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agency Update Frequency: Varies</td>
<td>Agency Contact: 808-586-4249</td>
</tr>
<tr>
<td>Planned Next Contact: 04/22/2019</td>
<td>Most Recent Contact: 02/12/2019</td>
</tr>
</tbody>
</table>

**SPILLS - HI:** Oil and hazardous material spills report sites

<table>
<thead>
<tr>
<th>Agency Version Date: 03/16/2017</th>
<th>Agency: Hawaii State Department of Health</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agency Update Frequency: Varies</td>
<td>Agency Contact: 808-586-4249</td>
</tr>
<tr>
<td>Planned Next Contact: 04/22/2019</td>
<td>Most Recent Contact: 02/12/2019</td>
</tr>
</tbody>
</table>
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 Impoundment 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 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 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 Contact: (202) 566-1667  
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 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 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 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 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 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 Contact: (800) 424-9346  
Most Recent Contact: 01/01/2019
**OTHER ASCERTAINABLE RECORDS (cont.)**

**FEDLAND:** Federal land locations

<table>
<thead>
<tr>
<th>Agency Version Date</th>
<th>Agency Update Frequency</th>
<th>Planned Next Contact</th>
<th>Agency: Environmental Protection Agency</th>
<th>Agency Contact: (800) 424-9346</th>
<th>Most Recent Contact: 01/21/2019</th>
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</thead>
<tbody>
<tr>
<td>11/12/2018</td>
<td>Varies</td>
<td>04/01/2019</td>
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</tbody>
</table>

**FRS:** Facility Registry Systems

<table>
<thead>
<tr>
<th>Agency Version Date</th>
<th>Agency Update Frequency</th>
<th>Planned Next Contact</th>
<th>Agency: Environmental Protection Agency</th>
<th>Agency Contact: (202) 566-1667</th>
<th>Most Recent Contact: 01/31/2019</th>
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</thead>
<tbody>
<tr>
<td>11/22/2018</td>
<td>Varies</td>
<td>04/11/2019</td>
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</tbody>
</table>

**FTTS:** Tracking of administrative and enforcement activities related to FIFRA/TSCA

<table>
<thead>
<tr>
<th>Agency Version Date</th>
<th>Agency Update Frequency</th>
<th>Planned Next Contact</th>
<th>Agency: Environmental Protection Agency</th>
<th>Agency Contact: (202) 564-2280</th>
<th>Most Recent Contact: 09/24/2018</th>
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<tbody>
<tr>
<td>04/16/2013</td>
<td>Varies</td>
<td>03/22/2019</td>
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</table>

**FTTS INSPI:** Tracking of inspections related to FIFRA/TSCA

<table>
<thead>
<tr>
<th>Agency Version Date</th>
<th>Agency Update Frequency</th>
<th>Planned Next Contact</th>
<th>Agency: Environmental Protection Agency</th>
<th>Agency Contact: (202) 564-2280</th>
<th>Most Recent Contact: 12/17/2018</th>
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</thead>
<tbody>
<tr>
<td>05/08/2017</td>
<td>Varies</td>
<td>03/14/2019</td>
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</table>

**FUDS:** Defense sites that require cleanup

<table>
<thead>
<tr>
<th>Agency Version Date</th>
<th>Agency Update Frequency</th>
<th>Planned Next Contact</th>
<th>Agency: US Army Corps of Engineering</th>
<th>Agency Contact: (202) 761-0011</th>
<th>Most Recent Contact: 01/28/2019</th>
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<tbody>
<tr>
<td>09/30/2015</td>
<td>Varies</td>
<td>04/08/2019</td>
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</tbody>
</table>

**HIST AFS:** List of Air Facility Systems Quarterly Extract that are no longer in current agency list.

<table>
<thead>
<tr>
<th>Agency Version Date</th>
<th>Agency Update Frequency</th>
<th>Planned Next Contact</th>
<th>Agency: Environmental Protection Agency</th>
<th>Agency Contact: (202) 566-1667</th>
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</thead>
<tbody>
<tr>
<td>11/16/2018</td>
<td>Quarterly</td>
<td>04/05/2019</td>
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**HIST AFS 2:** List of Air Facility Systems Quarterly Extract that are no longer in current agency list.

<table>
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<tr>
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<th>Agency Update Frequency</th>
<th>Planned Next Contact</th>
<th>Agency: Environmental Protection Agency</th>
<th>Agency Contact: (202) 566-1667</th>
<th>Most Recent Contact: 01/25/2019</th>
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<tbody>
<tr>
<td>11/16/2018</td>
<td>Quarterly</td>
<td>04/05/2019</td>
<td></td>
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</tbody>
</table>

**HIST DOD:** Department of Defense historical sites

<table>
<thead>
<tr>
<th>Agency Version Date</th>
<th>Agency Update Frequency</th>
<th>Planned Next Contact</th>
<th>Agency: Environmental Protection Agency</th>
<th>Agency Contact: (800) 424-9346</th>
<th>Most Recent Contact: 01/21/2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/17/2018</td>
<td>No Longer Maintained</td>
<td>04/01/2019</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HIST LEAD_SMELTER:** List of former Lead Smelter Sites that are no longer in current agency list.

<table>
<thead>
<tr>
<th>Agency Version Date</th>
<th>Agency Update Frequency</th>
<th>Planned Next Contact</th>
<th>Agency: Environmental Protection Agency</th>
<th>Agency Contact: (202) 566-1667</th>
<th>Most Recent Contact: 02/05/2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/27/2018</td>
<td>Varies</td>
<td>04/16/2019</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HIST MLTS:** List of sites in possession/use of radioactive materials regulated by NRC that are no longer in current agency list.

<table>
<thead>
<tr>
<th>Agency Version Date</th>
<th>Agency Update Frequency</th>
<th>Planned Next Contact</th>
<th>Agency: Nuclear Regulatory Commission</th>
<th>Agency Contact: (800) 397-4209</th>
<th>Most Recent Contact: 01/02/2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>07/05/2013</td>
<td>Varies</td>
<td>03/29/2019</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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: Department of the Navy: BRAC PMO
Agency Update Frequency: No Longer Maintained  Agency Contact: (619) 532-0900
Planned Next Contact: 03/21/2019  Most Recent Contact: 12/24/2018

LUCIS 2: Land Use Control Information Systems
Agency Version Date: 01/17/2018  Agency: Department of the Navy: BRAC PMO
Agency Update Frequency: No Longer Maintained  Agency Contact: (619) 532-0900
Planned Next Contact: 09/30/2019  Most Recent Contact: 10/02/2018

MINES: Mines Master Index Files
Agency Version Date: 12/19/2018  Agency: Department of Labor
Agency Update Frequency: Varies  Agency Contact: (202) 693-9400
Planned Next Contact: 02/27/2019  Most Recent Contact: 12/19/2018

MLTS: Sites in possession/use of radioactive materials regulated by NRC
Agency Version Date: 01/28/2019  Agency: Nuclear Regulatory Commission
Agency Update Frequency: Varies  Agency Contact: (800) 397-4209
Planned Next Contact: 03/29/2019  Most Recent Contact: 01/02/2019

NPL AOC: Areas of Concern related to NPL remediation sites
Agency Version Date: 10/25/2018  Agency: Environmental Protection Agency
Agency Update Frequency: Quarterly  Agency Contact: N/R
Planned Next Contact: 04/01/2019  Most Recent Contact: 01/21/2019

NPL LIENS: National Priority List of sites with Liens
Agency Version Date: 08/13/2018  Agency: U.S. Environmental Protection Agency
Agency Update Frequency: Varies  Agency Contact: 703-603-8867
Planned Next Contact: 04/01/2019  Most Recent Contact: 01/21/2019

OSHA: OSHA's listing of inspections  violations and fatality information
Agency Version Date: 12/18/2018  Agency: Occupational Safety & Health Administration
Agency Update Frequency: Varies  Agency Contact: 800-321-6742
Planned Next Contact: 02/26/2019  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: Environmental Protection Agency
Agency Update Frequency: Varies  Agency Contact: (703) 308-8404
Planned Next Contact: 03/29/2019  Most Recent Contact: 01/18/2019

PCB TRANSFORMER: Disposal and Storage of Polychlorinated Biphenyl (PCB) Waste
Agency Version Date: 11/21/2018  Agency: Environmental Protection Agency
Agency Update Frequency: Quarterly  Agency Contact: (703) 308-8404
Planned Next Contact: 04/10/2019  Most Recent Contact: 01/30/2019

PCS ENF: Permitted facilities to discharge wastewater  (Federal equivalent to NPDES)
Agency Version Date: 10/09/2018  Agency: Environmental Protection Agency
Agency Update Frequency: Varies  Agency Contact: (202) 564-6582
Planned Next Contact: 02/26/2019  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: 04/01/2019
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:

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>DFIRM Flood</td>
<td></td>
</tr>
<tr>
<td>Subject Property County: Electronic Data:</td>
<td></td>
</tr>
<tr>
<td>MAUI</td>
<td>Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP</td>
</tr>
<tr>
<td>Flood Plain Panel at Subject Property:</td>
<td>150003</td>
</tr>
<tr>
<td>Additional Panels in search area:</td>
<td>No available data</td>
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</table>

FEMA FLOOD ZONE:

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>FEMA Flood</td>
<td></td>
</tr>
<tr>
<td>Subject Property County: Electronic Data:</td>
<td></td>
</tr>
<tr>
<td>MAUI</td>
<td>Yes - refer to the PROPERTY PROXIMITY MAP and AREA MAP</td>
</tr>
<tr>
<td>Flood Plain Panel at Subject Property:</td>
<td>1500030190D</td>
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<tr>
<td>Additional Panels in search area:</td>
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**NATIONAL WETLAND INVENTORY:**

<table>
<thead>
<tr>
<th>NWI Quad at Subject Property</th>
<th>Data Coverage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wailuku</td>
<td>Yes - refer to the Geological Findings Map</td>
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</tbody>
</table>

**LITHOSTRATIGRAPHIC INFORMATION:**

<table>
<thead>
<tr>
<th>ROCK STRATIGRAPHIC UNIT</th>
<th>GEOLOGIC AGE IDENTIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Era: No available data</td>
<td>Category: No available data</td>
</tr>
<tr>
<td>System: No available data</td>
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<tr>
<td>Series: No available data</td>
<td></td>
</tr>
<tr>
<td>Code: No available data</td>
<td></td>
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</tbody>
</table>
SURROUNDING ELEVATION PROFILES:
### SOIL COMPOSITION IN GENERAL AREA OF SUBJECT PROPERTY:
Agency source: Soil Conservation Service, US Department of Agriculture

#### SOIL MAP ID 1

<table>
<thead>
<tr>
<th>USDA Soil Name</th>
<th>Puuone, Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>USDA Soil Texture</td>
<td>Sand</td>
</tr>
<tr>
<td>Hydrologic Soil Group</td>
<td>A</td>
</tr>
<tr>
<td>Soil Drainage Class</td>
<td>Somewhat excessively drained</td>
</tr>
<tr>
<td>Hydric Classification</td>
<td>0</td>
</tr>
<tr>
<td>Corrosion Potential - Uncoated Steel</td>
<td>Low</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Layer</th>
<th>Depth (inches)</th>
<th>Soil Texture</th>
<th>AASHTO Group</th>
<th>Unified Soil Description</th>
<th>Saturated Hydraulic Conductivity micro m/sec</th>
<th>Soil Reaction pH</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0-51</td>
<td>Sand</td>
<td>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).</td>
<td>Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the &lt;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).</td>
<td>42.34-141</td>
<td>7.9-8.4</td>
</tr>
<tr>
<td>2</td>
<td>51-102</td>
<td>Sand</td>
<td>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).</td>
<td>Reference: This is a classification of soil material designed for general construction purposes. It is dependent on the particle size distribution of the &lt;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).</td>
<td>4.23-14.11</td>
<td>8-8.5</td>
</tr>
</tbody>
</table>

#### SOIL MAP ID 2

<table>
<thead>
<tr>
<th>USDA Soil Name</th>
<th>Fill land, Taxon above family</th>
</tr>
</thead>
<tbody>
<tr>
<td>USDA Soil Texture</td>
<td>Silty clay loam</td>
</tr>
<tr>
<td>Hydrologic Soil Group</td>
<td>B</td>
</tr>
<tr>
<td>Soil Drainage Class</td>
<td>Well drained</td>
</tr>
<tr>
<td>Hydric Classification</td>
<td>0</td>
</tr>
<tr>
<td>Corrosion Potential - Uncoated Steel</td>
<td>Low</td>
</tr>
<tr>
<td>Layer</td>
<td>Depth (inches)</td>
</tr>
<tr>
<td>-------</td>
<td>----------------</td>
</tr>
<tr>
<td>1</td>
<td>0-30</td>
</tr>
<tr>
<td>2</td>
<td>30-76</td>
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<tr>
<td>3</td>
<td>76-152</td>
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<tr>
<td>4</td>
<td>152-162</td>
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</table>

**SOIL MAP ID A**

<table>
<thead>
<tr>
<th>USDA Soil Name</th>
<th>Puuone,Series</th>
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</thead>
<tbody>
<tr>
<td>USDA Soil Texture</td>
<td>Sand</td>
</tr>
<tr>
<td>Hydrologic Soil Group</td>
<td>C</td>
</tr>
<tr>
<td>Soil Drainage Class</td>
<td>Somewhat excessively drained</td>
</tr>
<tr>
<td>Hydric Classification</td>
<td>0</td>
</tr>
<tr>
<td>Corrosion Potential - Uncoated Steel</td>
<td>High</td>
</tr>
</tbody>
</table>
## Geological Landscape Section Summary 2019

<table>
<thead>
<tr>
<th>Layer</th>
<th>Depth (inches)</th>
<th>Soil Texture</th>
<th>AASHTO Group</th>
<th>Unified Soil Description</th>
<th>Saturated Hydraulic Conductivity micro m/sec</th>
<th>Soil Reaction pH</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0-51</td>
<td>Sand</td>
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<td>No data</td>
<td>42.343-141.1433</td>
<td>7.9-8.4</td>
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<tr>
<td>2</td>
<td>51-102</td>
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<td>No data</td>
<td>No data</td>
<td>14.1143-42.343</td>
<td>No data</td>
</tr>
</tbody>
</table>

### WATER AGENCY DATA:
#### WATER AGENCY SEARCH DISTANCES:

<table>
<thead>
<tr>
<th>DATABASE:</th>
<th>SEARCH DISTANCE (MILES):</th>
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</thead>
<tbody>
<tr>
<td>NWIS</td>
<td>1.000</td>
</tr>
<tr>
<td>PWS</td>
<td>1.000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DISTANCE TO NEAREST:</th>
<th>DISTANCE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>NWIS</td>
<td>0.031 mi / 162 ft</td>
</tr>
<tr>
<td>PWS</td>
<td>0.702 mi / 3704 ft</td>
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</tbody>
</table>

### FEDERAL WATER AGENCY DATA SUMMARY:

<table>
<thead>
<tr>
<th>MAP ID:</th>
<th>WELL ID:</th>
<th>LOCATION FROM SP:</th>
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<tbody>
<tr>
<td>1</td>
<td>205324156281901</td>
<td>&lt; 1/8 Mile N</td>
</tr>
<tr>
<td>2</td>
<td>205331156283501</td>
<td>&lt; 1/8 Mile W</td>
</tr>
<tr>
<td>3</td>
<td>205323156283101</td>
<td>&lt; 1/8 Mile SSW</td>
</tr>
<tr>
<td>A4</td>
<td>205323156283401</td>
<td>&lt; 1/8 Mile SW</td>
</tr>
<tr>
<td>B5</td>
<td>205325156282001</td>
<td>&lt; 1/8 Mile ESE</td>
</tr>
<tr>
<td>6</td>
<td>205310156281701</td>
<td>&lt; 1/8 Mile S</td>
</tr>
<tr>
<td>A7</td>
<td>205311156282501</td>
<td>1/8 - 1/4 Mile SW</td>
</tr>
<tr>
<td>B8</td>
<td>205323156282101</td>
<td>1/8 - 1/4 Mile SE</td>
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<td>9</td>
<td>205320156282401</td>
<td>1/8 - 1/4 Mile SSE</td>
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<td>205318156283301</td>
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<td>205326156281501</td>
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<td>12</td>
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<td>205316156282501</td>
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<td>14</td>
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<td>C16</td>
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<td>1/4 - 1/2 Mile SSE</td>
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<td>1/4 - 1/2 Mile SW</td>
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<tr>
<td>F20</td>
<td>205302156283202</td>
<td>1/4 - 1/2 Mile SW</td>
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<tr>
<td>21</td>
<td>205314156281501</td>
<td>1/4 - 1/2 Mile SE</td>
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<td>D22</td>
<td>205311156282201</td>
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<td>F23</td>
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</tr>
<tr>
<td>F24</td>
<td>205300156283202</td>
<td>1/4 - 1/2 Mile SW</td>
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<tr>
<td>F25</td>
<td>205311156281801</td>
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## FEDERAL WATER AGENCY DATA SUMMARY: (cont.)

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Note: PWS System location is not always the same as well location.
### Site Name: 205324156281901

- **Site Identification Number:** 205324156281901
- **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
- **Well Depth:** 75
- **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

**Database(s):** [NWIS]
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]  

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: N/R  
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: 01/01/1926  
Date Site Established or Inventoried: N/R  
Drainage Area: N/R  
 Contributing Drainage Area: N/R  
Data Reliability: Unchecked data.  
Data-other GW Files: NYYNNNNNN  
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
### Site Name: 205323156283101
20.88651370, -156.47245690
HI

### Database(s): [NWIS]

**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
- **Elevation:** 0.003 mi. / 16.404 ft.
- **Relative:** Higher
- **Envirosite ID:** 404428246
- **EPA ID:** N/R
- **Site Name:** 205323156283101
- **Latitude:** 20.88651370
- **Longitude:** -156.47245690
- **Last Date in Agency List:** 11/23/2018
Site Name: 205323156283401
20.88651370, -156.47329020
HI

Database(s): [NWIS]

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: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN

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: YNNNNNNNN
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
Geological Landscape Section Map Findings

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]

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: NYNNNNNNN
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
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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
Site Name: 205310156281701
20.88611110, -156.47138890
HI
Database(s): [NWIS]

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
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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
Site Name: 205311156282501  
20.8863889,-156.47361100 
HI 

Database(s): [NWIS]

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20.88651370, -156.46967920  
HI  
Database(s): [NWIS]

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20.88568044, -156.47051250
HI
Database(s): [NWIS]

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: 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: YYNNNNN
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
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Longitude: -156.47051250
Last Date in Agency List: 11/23/2018
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Database(s): [NWIS]
Site Name: 205320156284001
20.88555556, -156.47500000
HI
Database(s): [NWIS]

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: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
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
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Peak-Streamflow Data Count: 0
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Water-Quality Data End Date: N/R
Water-Quality Data Count: 0
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Field Water-Level Data Count: 1
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Site-Visit Data Count: 0
Latitude: 20.88555556
Longitude: -156.47500000
Last Date in Agency List: 11/23/2018
Site Name: 205316156282501
20.88456943, -156.47079030
HI

Database(s): [NWIS]

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: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
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Drainage Area: N/R
Contributing Drainage Area: N/R
Data Reliability: Unchecked data.
Data-other GW Files: YYNNN
National Aquifer: Hawaii volcanic-rock aquifers
Local Aquifer: N/R
Local Aquifer Type: N/R
Well Depth: 20.0
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Database(s): [NWIS]

NWIS

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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: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
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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
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Peak-Streamflow Data Begin Date: N/R
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20.88373617, -156.47134580
HI
Database(s): [NWIS]
Site Name : 205312156282101
20.88345840, -156.46967920
HI
Database(s) : [NWIS]
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**Map Id:** E18  
**Direction:** SSE  
**Distance:** 0.334 mi.  
**Elevation:** 0.002 mi. / 13.123 ft.  
**Relative:** Higher

**Site Name:** 205313156281801  
20.88373617, -156.46884590  
Hi

**Database(s):** [NWIS]

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205302156283201

20.88388889, -156.47555560

HI

### Database(s):

[NWIS]

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**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

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**Data-other GW Files:** Y

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**Local Aquifer:** N/R

**Local Aquifer Type:** N/R

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**Hole Depth:** N/R

**Source of Depth Data:** A

**Project Number:** N/R

**Real-Time Data Flag:** N/R

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**Peak-Streamflow Data Count:** N/R

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**Longitude:** -156.47555560

**Last Date in Agency List:** 11/23/2018
Site Name: 205302156283202  
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HI  

Database(s): [NWIS]  

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<tr>
<td>Data-other GW Files</td>
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<td>National Aquifer</td>
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<td>Project Number</td>
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<td>Field Water-Level Data Begin Date</td>
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<tr>
<td>Longitude</td>
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Site Name: 205300156283201
20.88333333, -156.47555560
HI

Database(s): [NWIS]

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
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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
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*Note: The values for Latitude and Longitude are rounded for display purposes.*
**Site Name:** 205311156281801  
20.88318066, -156.46884590  
HI

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<th>Database(s)</th>
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**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:** 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:** 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
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**Database(s):** [NWIS]

**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:** NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
- **Flags for Instruments at Site:** NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
- **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
Geological Landscape Section Map Findings 2019

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: 6-5328.088 -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: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
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
Site Name: 205311156284304
20.88318068, -156.47579000
HI

Database(s): [NWIS]

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: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
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
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Site-Visit Data Count: N/R
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Longitude: -156.47579000
Last Date in Agency List: 11/23/2018
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<td></td>
<td>20.88318068, -156.47579000</td>
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<tr>
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<td>HI</td>
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<td>Database(s)</td>
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**NWIS**

- Site Identification Number: 205311156284302
- Site Type: Groundwater drain
- Station Name: 6-5332.08A -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: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
- Flags for Instruments at Site: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
- 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: YYNNYNN
- 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
Geological Landscape Section Map Findings 2019

Map Id: G31
Direction: SSE
Distance: 0.410 mi.
Actual: 2162.261 ft.
Elevation: 0.004 mi. / 22.966 ft.
Relative: Higher

Envirosite ID: 403978827
EPA ID: N/R

Site Name: 205307156282301
20.88206965, -156.47023480
HI
Database(s): [NWIS]

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: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site : NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
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 : YYNNNNNNN
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
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<tr>
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<tbody>
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<tr>
<td>Actual:</td>
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<tr>
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**Map Section Map Findings 2019**

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<th>Site Name:</th>
<th>205313156281001</th>
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<tr>
<td></td>
<td>20.88373616, -156.46662380</td>
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**Database(s):** [NWIS]

**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
- **Hydrologic Unit:** Maui
- **Drainage Basin:** N/R
- **Topographic Setting:** Flat surface
- **Flags for the Type of Data Collected:** 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:** 70.0
- **Latitude:** 20.88373616
- **Longitude:** -156.46662380
- **Last Date in Agency List:** 11/23/2018
Site Name: 205312156281001
20.88345840, -156.46662380
HI

Database(s): [NWIS]
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**NWIS**

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<td><strong>Station Name</strong></td>
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<td><strong>Agency</strong></td>
<td>U.S. Geological Survey</td>
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<tr>
<td><strong>District</strong></td>
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<td><strong>State</strong></td>
<td>HI</td>
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<tr>
<td><strong>County</strong></td>
<td>Maui County</td>
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<tr>
<td><strong>Country</strong></td>
<td>USA</td>
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<td><strong>Land Net Location</strong></td>
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<td><strong>Method Altitude Determined</strong></td>
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<td><strong>Altitude Accuracy</strong></td>
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<tr>
<td><strong>Altitude Datum</strong></td>
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<td><strong>Hydrologic Unit</strong></td>
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<tr>
<td><strong>Drainage Basin</strong></td>
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<td><strong>Topographic Setting</strong></td>
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<td><strong>Flags for the Type of Data Collected</strong></td>
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<tr>
<td><strong>Flags for Instruments at Site</strong></td>
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<td><strong>Date of First Construction</strong></td>
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<td><strong>Date Site Established or Inventoried</strong></td>
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<td><strong>Drainage Area</strong></td>
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<tr>
<td><strong>Local Aquifer Type</strong></td>
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<td><strong>Well Depth</strong></td>
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<td><strong>Hole Depth</strong></td>
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<td><strong>Project Number</strong></td>
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<td><strong>Real-Time Data Flag</strong></td>
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<tr>
<td><strong>Peak-Streamflow Data Begin Date</strong></td>
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<tr>
<td><strong>Peak-Streamflow Data End Date</strong></td>
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<td><strong>Peak-Streamflow Data Count</strong></td>
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<tr>
<td><strong>Water-Quality Data Begin Date</strong></td>
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<tr>
<td><strong>Water-Quality Data End Date</strong></td>
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<td><strong>Water-Quality Data Count</strong></td>
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<td><strong>Site-Visit Data Begin Date</strong></td>
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<tr>
<td><strong>Site-Visit Data End Date</strong></td>
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<td><strong>Site-Visit Data Count</strong></td>
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<td><strong>Latitude</strong></td>
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<td><strong>Last Date in Agency List</strong></td>
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Map Id: 135
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]

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: 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
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
Site Name : 205317156280301
20.88484717,-156.46467940
HI

Database(s) : [NWIS]
Geological Landscape Section Map Findings

Site Name: 205309156281101
20.88262515, -156.46690160
HI

Database(s): [NWIS]

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: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
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
Site Name: 205304156282301
20.88123639, -156.47023480
HI

Database(s): [NWIS]

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: 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: 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
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Site-Visit Data Count: N/R
Latitude: 20.88123639
Longitude: -156.47023480
Last Date in Agency List: 11/23/2018
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<td>State :</td>
<td>HI</td>
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<td>County :</td>
<td>Maui County</td>
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<tr>
<td>Land Net Location :</td>
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<td>Drainage Basin :</td>
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<td>Date Site Established or Inventoried:</td>
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<td>Drainage Area :</td>
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**NWIS**

| Site Identification Number : | 205306156281601 |
| 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 : | N/R |
| Drainage Basin : | Flat surface |
| Topographic Setting : | NNNNNNNNNNNNNNNNNNNNNNNNNNNNN |
| Flags for the Type of Data Collected : | 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 : | YNNNNNN |
| 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 |
Site Name : 205305156281701
          20.88151414,-156.46856820
          HI
Database(s) : [NWIS]

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 : YNNNNNNN
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
Geological Landscape Section Map Findings 2019

Map Id: 42
Direction: WSW
Distance: 0.494 mi.
Actual: 2609.199 ft.
Elevation: 0.015 mi. / 79.347 ft.
Relative: Higher

Envirosite ID: 403989377
EPA ID: N/R

Database(s): [NWIS]

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 : N/R
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

Site Name : 205316156285501
20.88456946, -156.47912330
HI

Page 243 of 327
Site Name : 205304156281801  
20.88123639, -156.46884590  
HI  

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Geological Landscape Section Map Findings

Site Name: 205302156282301
20.88068088, -156.47023480
HI

Database(s): [NWIS]

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: 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: 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
Site Name: 205305156281401
20.88151414,-156.46773490
HI
Database(s): [NWIS]

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: 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: YNNNNNNNN
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
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Site-Visit Data Begin Date: N/R
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Site-Visit Data Count: N/R
Latitude: 20.88151414
Longitude: -156.46773490
Last Date in Agency List: 11/23/2018
Site Name: 205310156285001
20.88290294, -156.47829000
HI
Database(s): [NWIS]
### Site Information

**Site Name:** 205303156284301

20.88095866, -156.47579000

**HI**

**Database(s):** [NWIS]

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<td><strong>District:</strong></td>
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<td><strong>State:</strong></td>
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<td><strong>County:</strong></td>
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<td><strong>Land Net Location:</strong></td>
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<td><strong>Scale of Location Map:</strong></td>
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## Geological Landscape Section Map Findings 2019

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**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: 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: YNNNNNNN
- 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
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- Longitude: -156.47884560
- Last Date in Agency List: 11/23/2018
### Geological Landscape Section Map Findings 2019

**Envirosite ID:** 403992398  
**EPA ID:** N/R

**Map Id:** M50  
**Direction:** SE  
**Distance:** 0.541 mi.  
**Actual:** 2856.419 ft.  
**Elevation:** 0.003 mi. / 16.404 ft.  
**Relative:** Higher

#### NWIS

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20.88234744, -156.47856780
HI

Database(s) : [NWIS]

NWIS

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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
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Hole Depth : 126
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Site-Visit Data Count : 0
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Longitude : -156.47856780
Last Date in Agency List : 11/23/2018
**Site Name:** 205305156280801  
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**Database(s):** [NWIS]

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**NWIS**

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| 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: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN |
| Flags for Instruments at Site : NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN |
| 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 |
**Geological Landscape Section Map Findings**

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]

---

**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:** NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN  
**Flags for Instruments at Site:** NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN  
**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  
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**Peak-Streamflow Data Count:** N/R  
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**Water-Quality Data End Date:** N/R  
**Water-Quality Data Count:** N/R  
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**Field Water-Level Data End Date:** N/R  
**Field Water-Level Data Count:** N/R  
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**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]

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**Site Name:** WINDMILL  
20 53 28.62N, 156 28 54.03W  
KAHULUI, HI

**Database(s):** [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

**Site Name:** 205257156282201  
20.87929210, -156.46995700  
HI

**Database(s):** [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
Site Name : 205257156282201
20.87929210, -156.46995700
HI
Database(s) : [NWIS] (cont.)

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
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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

Site Name : 205301156280901
20.88040310, -156.46634600
HI
Database(s) : [NWIS]

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
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**Geological Landscape Section Map Findings 2019**

**Digital Obstacle**

- **Site Name**: CRANE
- **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)**: 0.0226
- **Above Mean Sea Level Height (Feet)**: 0.0236
- **Latitude**: 20 53 52.90N
- **Longitude**: 156 28 04.30W
- **Last Date in Agency List**: 11/08/2018

**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
**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**: YNNNNNN
- **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

**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
### Geological Landscape Section Map Findings 2019

**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.)

**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](cont.)

**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

**Envirosite ID:** 404006168  
**EPA ID:** N/R

**Site Name:** 205303156285401  
20.88095868, -156.47884560  
HI  
**Database(s):** [NWIS](cont.)

**Envirosite ID:** 403978770  
**EPA ID:** N/R
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.)

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<td><strong>Scale of Location Map</strong></td>
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<td><strong>Altitude of Gage/Land Surface</strong></td>
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<td><strong>Altitude Datum</strong></td>
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<tr>
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<td><strong>Last Date in Agency List</strong></td>
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**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 : YYYYNYYYN
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
Site Name: 205305156280101
          20.88151412, -156.46412390
          HI

Database(s): [NWIS]

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: WAIIUKIJ, 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: 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: 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
Latitue: 20.88151412
Longitude: -156.46412390
Last Date in Agency List: 11/23/2018
### Map Information
- **Map Id:** P67
- **Direction:** SSE
- **Distance:** 0.637 mi.
- **Actual:** 3365.024 ft.
- **Elevation:** 0.007 mi. / 36.089 ft.
- **Relative:** Higher

### Site Name and Database
- **Site Name:** 205259156281001
- **Database(s):** [NWIS]

### Site Identification Details
- **Site Identification Number:** 205259156281001
- **Site Type:** Well
- **Station Name:** 6-5228-05 W20-88
- **Agency:** U.S. Geological Survey
- **District:** Hawaii
- **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
- **Hydrologic Unit:** Maui
- **Drainage Basin:** N/R
- **Topographic Setting:** Flat surface
- **National Aquifer:** Hawaii volcanic-rock aquifers
- **Local Aquifer:** N/R
- **Well Depth:** 100
- **Latitude:** 20.87984760
- **Longitude:** -156.46662380
- **Last Date in Agency List:** 11/23/2018

### Other Details
- **Envirosite ID:** 404016015
- **EPA ID:** N/R
Site Name : 205259156284901
20.87972222, -156.47750000
HI
Database(s) : [NWIS]
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| **Map Id:** Q69  
**Direction:** SSW  
**Distance:** 0.653 mi.  
**Actual:** 3445.403 ft.  
**Elevation:** 0.012 mi. / 63.281 ft.  
**Relative:** Higher |
| **Envirosite ID:** 403989185  
**EPA ID:** N/R |

**Site Name:** 205255156284201  
**Database(s):** [NWIS]

**NWIS**

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20 53 39.60N, 156 27 45.59W
KAHULUI, HI

Database(s): [DIGITAL OBSTACLE]

Map Id: 70
Direction: ENE
Distance: 0.659 mi.
Actual: 3478.333 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

DIGITAL OBSTACLE

Envirosite ID: 350885676
EPA ID: N/R

 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

Site Name: 205309156290201
20.88262520, -156.48106770
HI

Database(s): [NWIS]

Map Id: 71
Direction: WSW
Distance: 0.669 mi.
Actual: 3531.942 ft.
Elevation: 0.012 mi. / 65.925 ft.
Relative: Higher

NWIS

Envirosite ID: 404003062
EPA ID: N/R

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: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Date of First Construction: 01/01/1969
Site Name : 205309156290201  
20.88262520, -156.48106770  
HI  
Database(s) : [NWIS] (cont.)

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: NYYNNNNNN  
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

Site Name : 205303156275901  
20.88095860, -156.48106770  
HI  
Database(s) : [NWIS]

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
**Site Name**: 205303156275901  
20.88095860, -156.46356840  
HI  
**Database(s)**: [NWIS] (cont.)

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  
- **Well Depth**: 60.0  
- **Source of Depth Data**: N/R  
- **Real-Time Data Flag**: N/R  
- **Well-Streamflow Data Begin Date**: N/R  
- **Well-Streamflow Data End Date**: N/R  
- **Well-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
### Geological Landscape Section Map Findings 2019

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<td></td>
<td>HI</td>
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<td><strong>Database(s):</strong></td>
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#### Envirosite ID: 404428079
EPA ID: N/R

**NWIS (cont.)**

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<td><strong>Name of Location Map:</strong></td>
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<td><strong>Altitude Datum:</strong></td>
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<td><strong>Date Site Established or Inventoried:</strong></td>
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<td><strong>Drainage Area:</strong></td>
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<tr>
<td><strong>Contributing Drainage Area:</strong></td>
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<tr>
<td><strong>Data-other GW Files:</strong></td>
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<td><strong>Latitude:</strong></td>
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<tr>
<td><strong>Longitude:</strong></td>
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<td><strong>Last Date in Agency List:</strong></td>
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Site Name: 205313156290601
20.88373620, -156.48217880
HI
Database(s): [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: 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: 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
Site Name: 205330156291101
20.88845800, -156.48356760
HI
Database(s): [NWIS]

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: NNNNNNNNNN 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: YNNNNNN
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
Site Name: HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s): [PWS, PWS ENF]

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
Geological Landscape Section Map Findings 2019

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.)

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<tbody>
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<td>PWS ID</td>
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<td>PWS Name</td>
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<td>Primacy Agency</td>
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<td>Owner Type</td>
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Envirosite ID: 358009662
EPA ID: N/R

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.

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<td>Contaminant Name</td>
<td>Surface Water Treatment Rule</td>
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<tr>
<td>Rule Family</td>
<td>Surface Water Treatment Rules</td>
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<tr>
<td>Rule Group</td>
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<td>Rule Name</td>
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<tr>
<td>Violation Type</td>
<td>Treatment Technique (SWTR and GWR)</td>
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<tr>
<td>Is Health Based</td>
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<td>Is Major Violation</td>
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<tr>
<td>Email Address</td>
<td><a href="mailto:lea@westmauiland.com">lea@westmauiland.com</a></td>
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<td>Rule Name</td>
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<td>Treatment Technique (SWTR and GWR)</td>
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<td>Address Line 1</td>
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305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s): [PWS, PWS ENF] (cont.)
Site Name: HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s): [PWS, PWS ENF] (cont.)

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 Notification requested
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
Admin Name: TAMAYOSE, LEA
Email Address: lea@westmauiland.com
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<thead>
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<th>TAMAYOSE, LEA</th>
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<td><a href="mailto:lea@westmauiland.com">lea@westmauiland.com</a></td>
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<td>Public Notification Tier</td>
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<tr>
<td>Address Line 2 :</td>
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<td>Compliance Status :</td>
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<td>RTC Date</td>
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| 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 |

| 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)               |
### Geological Landscape Section Map Findings 2019

**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 ENF (cont.)**

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<tr>
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<td>Severity Indicator Count</td>
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<tr>
<td>Public Notification Tier</td>
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<td>Address Line 2</td>
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<tr>
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<td>Enforcement Action Description</td>
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<tr>
<td>Admin Name</td>
<td>TAMAYOSE, LEA</td>
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<tr>
<td>Email Address</td>
<td><a href="mailto:lea@westmauiland.com">lea@westmauiland.com</a></td>
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**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
### Site Name: HI0000209

305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

**Database(s):** [PWS, PWS ENF](cont.)

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<th>Submission Year</th>
<th>Violation First Reported Date</th>
<th>Contaminant Name</th>
<th>Rule Family</th>
<th>Rule Group</th>
<th>Rule Name</th>
<th>Violation Type</th>
<th>Is Health Based</th>
<th>Is Major Violation</th>
<th>Severity Indicator Count</th>
<th>Public Notification Tier</th>
<th>Address Line 1</th>
<th>Address Line 2</th>
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<th>Enforcement Action Description</th>
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<td>Microbials</td>
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<td>N/R</td>
<td>2</td>
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<td>2018</td>
<td>03/23/1996</td>
<td>Surface Water Treatment Rule</td>
<td>Surface Water Treatment Rules</td>
<td>Microbials</td>
<td>Surface Water Treatment Rule</td>
<td>Treatment Technique (SWTR and GWR)</td>
<td>Y</td>
<td>N/R</td>
<td>N/R</td>
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<td>305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732</td>
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<td>Surface Water Treatment Rules</td>
<td>Microbials</td>
<td>Surface Water Treatment Rule</td>
<td>Treatment Technique (SWTR and GWR)</td>
<td>Y</td>
<td>N/R</td>
<td>N/R</td>
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<td>305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732</td>
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Envirosite ID: 358009662
EPA ID: N/R

PWS ENF (cont.)

Site Name: HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s): [PWS, 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
Site Name: HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s): [PWS, 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: 2
Public Notification Tier: 305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, 96732
Address Line 1:
Address Line 2:
Compliance Status: Known
RTC Date: N/R
Enforcement Action Description: TAMAYOSE, LEA
Admin Name: 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:
Address Line 2:
Compliance Status: Known
RTC Date: N/R
Enforcement Action Description: TAMAYOSE, LEA
Admin Name: 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:
Address Line 2:
Compliance Status: Known
RTC Date: N/R
Enforcement Action Description: TAMAYOSE, LEA
Admin Name: lea@westmauiland.com
Site Name: HI0000209
305 EAST WAKEA AVENUE, SUITE 100
KAHULUI, HI 96732

Database(s): [PWS, 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: 2
Public Notification Tier: N/R
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: 2
Public Notification Tier: N/R
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
Violation Type: Treatment Technique (SWTR and GWR)
Is Health Based: Y
Is Major Violation: N/R
Severity Indicator Count: 2
Public Notification Tier: N/R
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
Geological Landscape Section Map Findings

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.)

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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 :
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 :
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 :
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:

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<td>Enforcement Action Description</td>
<td>State Public Notif issued</td>
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<tr>
<td>Admin Name</td>
<td>TAMAYOSE, LEA</td>
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<tr>
<td>Email Address</td>
<td><a href="mailto:lea@westmauiland.com">lea@westmauiland.com</a></td>
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### RTC Enforcement ID (cont.):

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<td>Rule Group</td>
<td>Microbials</td>
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<td>Treatment Technique (SWTR and GWR)</td>
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<td>Address Line 1</td>
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<td>RTC Date</td>
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<td>Admin Name</td>
<td>TAMAYOSE, LEA</td>
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<td>Email Address</td>
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### RTC Enforcement ID (cont.):

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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

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
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
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
Geological Landscape Section Map Findings

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

Facility Address: 305 EAST WAKEA AVENUE, SUITE 100, KAHULUI, HI 96732

PWS

PWS ID: HI0000251
PWS Type: Community water system
PWS Name: MAHANALUA NUI SUBDIVISION
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]

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: N/R
Drainage Basin: Flat surface
Topographic Setting:
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: YNNNNNNNN
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
### Geological Landscape Section Map Findings 2019

**Map Id:** 79  
**Direction:** SE  
**Distance:** 0.721 mi.  
**Elevation:** 0.007 mi. / 39.37 ft.  
**Relative:** Higher  

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<th>Site Name</th>
<th>205259156280101</th>
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<tbody>
<tr>
<td></td>
<td>20.87984760, -156.46412390</td>
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<tr>
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<td>HI</td>
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<tr>
<td><strong>Database(s):</strong></td>
<td>[NWIS]</td>
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**NWIS**

- **Site Identification Number:** 205259156280101  
- **Site Type:** Well  
- **Station Name:** 6-5228-09 W20-99  
- **Agency:** U.S. Geological Survey  
- **State:** Hawaii  
- **County:** Maui County  
- **Country:** USA  
- **Scale of Location Map:** 24000  
- **Altitude of Gage/Land Surface:** 40.00  
- **Method Altitude Determined:** Interpolated from topographic map.  
- **Altitude Accuracy:** 5  
- **Hydrologic Unit:** Maui  
- **Drainage Basin:** N/R  
- **Topographic Setting:** Flat surface  
- **Date of First Construction:** 01/01/1962  
- **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  
- **Source of Depth Data:** N/R  
- **Project Number:** N/R  
- **Real-Time Data Flag:** N/R  
- **Latitude:** 20.87984760  
- **Longitude:** -156.46412390  
- **Last Date in Agency List:** 11/23/2018
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<td>Site Name</td>
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**Database(s):** [NWIS]
### Geological Landscape Section Map Findings

**Site Name:** 205254156280901  
**20.87845884, -156.46634600**  
**HI**  
**Database(s):** [NWIS]

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<td>Name of Location Map</td>
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<td>Last Date in Agency List</td>
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NWIS
### 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
- **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
- **Hydrologic Unit**: Maui
- **Drainage Basin**: N/R
- **Topographic Setting**: Flat surface
- **Flages for the Type of Data Collected**: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
- **Flages 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**: 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
### Site Name: 205249156283701
20.87707010, -156.47412350
HI

### Database(s): [NWIS]

#### NWIS

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Geological Landscape Section Map Findings 2019

Map Id: U84
Direction: NE
Distance: 0.742 mi.
Actual: 3919.239 ft.
Elevation: 0.001 mi. / 3.281 ft.
Relative: Lower

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<td>Database(s)</td>
<td>[DIGITAL OBSTACLE]</td>
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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

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<th>205254156280601</th>
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<tr>
<td>Location</td>
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<td>City</td>
<td>HI</td>
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<td>Database(s)</td>
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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
**Geological Landscape Section Map Findings 2019**

**Site Name:** 205254156280601  
20.87845884,-156.46551270  
HI  

**Database(s):** [NWIS] (cont.)

**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:** YYNNNNN  
- **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

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**Site Name:** 205337156290101  
20.89361110,-156.48361100  
HI  

**Database(s):** [NWIS]

**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
Envirosite ID: 403010248
EPA ID: N/R

**Site Name:** 205337156290101
20.89361110, -156.48361100
HI

**Database(s):** [NWIS](cont.)

**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

Envirosite ID: 403994499
EPA ID: N/R

**Site Name:** 205303156290401
20.88095869, -156.48162330
HI

**Database(s):** [NWIS](cont.)

**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

Page 299 of 327
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

Database(s): [NWIS] (cont.)
Geological Landscape Section Map Findings

Map Id: 88
Direction: ESE
Distance: 0.769 mi.
Elevation: 0.004 mi. / 19.685 ft.
Relative: Higher

Site Name: 205311156274701
20.88318063, -156.46023500
HI

Database(s): [NWIS]

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: NYNNN
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
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Field Water-Level Data Count: N/R
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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
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          HI
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**Geological Landscape Section Map Findings 2019**

**NWIS**

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20.89706830, -156.46217940
HI
Database(s) : [NWIS]

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 : YNNNNNNNN
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
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Site-Visit Data End Date : N/R
Site-Visit Data Count : N/R
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Longitude : -156.46217940
Last Date in Agency List : 11/23/2018
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- **Site Name**: 205401156275404
  - **Latitude**: 20.89706830
  - **Longitude**: -156.46217940
  - **Location**: HI
  - **Database**: [NWIS]

#### General Information
- **Map Id**: U93
- **Direction**: NE
- **Distance**: 0.792 mi. / 4182.692 ft.
- **Elevation**: 0.001 mi. / 3.281 ft.
- **Relative**: Lower
- **Envirosite ID**: 404007908
- **EPA ID**: N/R

#### Hydrological Data
- **Aquifer Region**: Hawaii volcanic-rock aquifers
- **Aquifer Type**: N/R
- **Well Depth**: 245 ft.
- **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
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- **Field Water-Level Data End Date**: N/R
- **Field Water-Level Data Count**: N/R
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- **Site-Visit Data End Date**: N/R
- **Site-Visit Data Count**: N/R

**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
- **Land Net Location**: N/R
- **Name of Location Map**: WAILUKU, HI
- **Scale of Location Map**: 24000
- **Method Altitude Determined**: Interpolated from topographic map.

**Agency**: U.S. Geological Survey

- **District**: Hawaii
- **State**: HI
- **County**: Maui County
- **Country**: USA
- **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

**Latitude**: 20.89706830

**Longitude**: -156.46217940

**Last Date in Agency List**: 11/23/2018
### Site Information

**Site Name:** 205401156275407  
**Latitude:** 20.89706830  
**Longitude:** -156.46217940  
**State:** HI  
**Database(s):** [NWIS]

### General Information

- **Envirosite ID:** 404010270  
- **EPA ID:** N/R  
- **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  
- **Hydrologic Unit:** Maui  
- **Drainage Basin:** N/R  
- **Topographic Setting:** Flat surface  
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- **Drainage Basin:** N/R  
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- **Source of Depth Data:** N/R  
- **Project Number:** N/R  
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- **Last Date in Agency List:** 11/23/2018
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**Database(s):** NWIS  

| Site Identification Number : | Site Type : | Station Name : | Agency : | District : | State : | County : | Country : | Land Net Location : | Name of Location Map : | Scale of Location Map : | Altitude of Gage/Land Surface : | Method Altitude Determined : | Altitude Accuracy : | Altitude Datum : | Hydrologic Unit : | Drainage Basin : | Topographic Setting : | Flags for the Type of Data Collected: | Flags for Instruments at Site : | Date of First Construction : | Date Site Established or Inventoried: | Drainage Area : | Contributing Drainage Area : | Data Reliability : | Data-other GW Files : | National Aquifer : | Local Aquifer : | Local Aquifer Type : | Well Depth : | Hole Depth : | Source of Depth Data : | Project Number : | Real-Time Data Flag : | Peak-Streamflow Data Begin Date : | Peak-Streamflow Data End Date : | Peak-Streamflow Data Count : | Water-Quality Data Begin Date : | Water-Quality Data End Date : | Water-Quality Data Count : | Field Water-Level Data Begin Date : | Field Water-Level Data End Date : | Field Water-Level Data Count : | Site-Visit Data Begin Date : | Site-Visit Data End Date : | Site-Visit Data Count : | Latitude : | Longitude : | Last Date in Agency List : |
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| Flags for the Type of Data Collected | NNNNNNNNNNNN
| Flags for Instruments at Site | NNNNNNNNNNNN |
| 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       | YYNNNNNNN       |
| 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      |
Site Name: 205351156291201
20.89429080,-156.48384540
HI
Database(s): [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: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
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
### Geological Landscape Section Map Findings

**Site Name:** 205257156275201

- **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
- **Latitude:** 20.87929209
- **Longitude:** -156.46162400
- **Database(s):** [NWIS]

#### NWIS

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#### National Aquifer

- **Hawaii volcanic-rock aquifers**
Site Name : 205323156291001
20.88972222,-156.48611100
HI
Database(s) : [NWIS]
Geological Landscape Section Map Findings

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: 2010AWP051380E
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

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: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
Flags for Instruments at Site: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
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

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: 20.87929209
Longitude: -156.46134620
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

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
Site Name: 205257156275101
20.87929209, -156.46134620
HI
Database(s): [NWIS] (cont.)

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: YYNYN
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

Site Name: 205330156291001
20.89166667, -156.48611100
HI
Database(s): [NWIS]

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
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**Envirosite ID:** 403989424  
**EPA ID:** N/R

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20.88040310, -156.45995740
HI

Database(s): [NWIS]

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: N/R
Drainage Basin: Flat surface
Topographic Setting: NNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
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: NYNNNNNNN
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
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Last Date in Agency List: 11/23/2018
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Site Name: 205300156274301
20.88012534, -156.45912400
HI
Database(s): [NWIS]

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: 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: 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
Site Name: 205312156292101
20.88345848, -156.48634530
HI

Database(s): [NWIS]

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: N/R
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]
Map Id: 111  
Direction: WSW  
Distance: 0.990 mi.  
Elevation: 0.014 mi. / 75.696 ft.  
Relative: Higher

**Site Name:** 205315156292401  
**Database(s):** [NWIS]

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**Envirosite ID:** 404007819  
**EPA ID:** N/R

**Latitude:** 20.88429174  
**Longitude:** -156.48717860
RADON DATA:

STATE SOURCE: No Available Data

FEDERAL AREA RADON INFORMATION FOR: No Available Data

NUMBER OF SAMPLE SITES: 19

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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 enforcement 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, subregions, 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 FEMA's Flood Map Modernization program. These map data are from Digital Flood Insurance Rate Map (DFIRM) databases and Letters of Map Revision.