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Figure 1-1

Project Location and Boundary

Legend

- Wailupe and Tributary Streams
- Wailupe Watershed

Source: Malama Maunalua
Figure 1-2
Major Land Owners

Legend
- Brown: City and County of Honolulu
- Purple: Federal
- Green: Hawaii State
- Blue: Kamehameha Schools

Wailupe Watershed Based Plan
Source: Office of Planning, State of Hawaii, DBEDT Statewide GIS Program
Figure 1-3
Hunting Areas

Legend
- Hunting area
- State Land Use Districts
  - Conservation
  - Urban

Wailupe Watershed Based Plan
Source: Office of Planning, State of Hawaii, DBEDT Statewide GIS Program
Figure 1-4
City and County of Honolulu Zone Descriptions

Legend
- B-1 Neighborhood Business
- F-1 Federal & Military Preservation
- P-1 Restricted Preservation
- P-2 General Preservation
- R-10 Residential
- R-20 Residential
- R-5 Residential
- R-7.5 Residential

Waiulue Watershed Based Plan
Source: HoLIS. City and County of Honolulu, Planning and Permitting Department, State Land Use Boundary Amendment.
Wailupe Watershed Based Plan

Figure 1-10
Rainfall

Legend
Median Annual Rainfall (in.)
- Green: 32
- Yellow: 39
- Orange: 59
- Red: 79

Figure 1-11
Flood Insurance Rate Map

Legend
FIRM Zone

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<th>Color</th>
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</table>

Waiulue Watershed Based Plan
Figure 1-13
Distribution of O'ahu 'Elepaio (Chasiempis sandwichensis ibidis)

Legend
- Natural Communities
- Critical Habitat

Wailupe Watershed Based Plan
Source: U.S. Fish and Wildlife Service, Pacific Islands Ecoregion, Honolulu, Hi; Hawaii Natural Heritage Program, Natural Diversity Database.
Figure 2-1

Management Units

Legend

- Stream Channel
- Upland Forest
- Steep Slopes
- Urban

Wailupe Watershed Based Plan
Source: SRGII

Miles

0 0.25 0.5 0.75 1
Figure 2-2
Upland Forest Management Unit
Exposed Soil Areas

Source: SRGII
Wailupe Stream: Watershed Based Plan
November 2010
Figure 2–3. Upland Forest Management Unit: Exposed Soil Areas (3D)
Figure 2-5

Upland Forest Unit Extended Detention Basins

Legend

- Existing Debris Basin Retro Fit
- Extended Detention Basin
- Wailupe Stream

Wailupe Watershed Based Plan
Source: SRGII
Figure 2–6. Upland Forest Management Unit: Extended Detention Basin Locations (3D)
Figure 2-7
Steep Slope Management Unit
Coir Log Locations

Legend
- Coir Logs
- Cutoff Ditch
- CCH MS4 Pipe Network
- Steep Slope Management Unit

Wailupe Watershed Based Plan
Source: SRGII
Figure 2-8
Steep Slope Management Unit Baffle Box Locations

Legend
Retrofit Priority
- High
- Moderate
- Cutoff Ditch
- CCH MS4 Pipe Network
- Steep Slope Management Unit

Source: SRGII

Wailupe Watershed Based Plan
Figure 2-9
Urban Management Unit Baffle Box Locations

Legend
Retrofit Priority
- High
- Moderate
- Low
- MS4 Conduit

Wailupe Watershed Based Plan
Source: SRGII