Kanehu Reservoir #2  
Capacity: 47.6 MG

Kaneha Reservoir  
Capacity: 136.9 MG

Mimino Reservoir  
Capacity: 22.8 MG

Kanehu Reservoir #1  
Capacity: 34.2 MG

Lower Anahola  
Capacity: 37.5 MG

Upper Anahola  
Capacity: 35.8 MG

Halaula Reservoir  
Capacity: Unverified

Kanehu Reservoir #3  
Capacity: Unverified

Kawano Ditch

Kaneha Ditch

Mimino Ditch

Lower Anahola Ditch

Upper Anahola Ditch

80"  
65"  
50"  
100"

120"

DHHL

PRIVATE

Legend

System Components

- Canal, Active
- Canal, Inactive
- Canal, Unverified
- Ditch, Active
- Ditch, Inactive
- Ditch, Unverified
- Flume, Active
- Flume, Inactive
- Flume, Unverified
- Penstock, Active
- Penstock, Inactive
- Penstock, Unverified
- Pipeline, Active
- Pipeline, Inactive
- Pipeline, Unverified
- Ditch, Active
- Ditch, Inactive
- Ditch, Unverified
- Canal, Active
- Canal, Inactive
- Canal, Unverified
- Ditch, Active
- Ditch, Inactive
- Ditch, Unverified
- Flume, Active
- Flume, Inactive
- Flume, Unverified
- Penstock, Active
- Penstock, Inactive
- Penstock, Unverified
- Pipeline, Active
- Pipeline, Inactive
- Pipeline, Unverified

- Utilized Stream
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified
- Regulated Dam
- Removed Dam
- Pump, Active
- Pump, Inactive
- Pump, Unverified
- Stream Diversion, Active
- Stream Diversion, Inactive
- Stream Diversion, Unverified
- Well, Active
- Well, Inactive
- Well, Unverified
- Stream Diversion, Active
- Stream Diversion, Inactive
- Stream Diversion, Unverified

- Utilized Stream
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified
- Regulated Dam
- Removed Dam
- Pump, Active
- Pump, Inactive
- Pump, Unverified
- Stream Diversion, Active
- Stream Diversion, Inactive
- Stream Diversion, Unverified

- Well, Active
- Well, Inactive
- Well, Unverified
- Stream Diversion, Active
- Stream Diversion, Inactive
- Stream Diversion, Unverified

- DHHL Service Area
- PRIVATE Service Area
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

Anahola Ditch
Irrigation System

Alignments and System Components

Island of Kauai, Hawaii (March, 2016)
Kawano Ditch  
Kaneha Ditch  
Mimino Ditch  
Lower Anahola Ditch  
Upper Anahola Ditch  
Kanehu Reservoir #2  
Capacity: 47.6 MG  
Kaneha Reservoir  
Capacity: 136.9 MG  
Mimino Reservoir  
Capacity: 22.8 MG  
Kanehu Reservoir #1  
Capacity: 34.2 MG  
Lower Anahola  
Capacity: 37.5 MG  
Upper Anahola  
Capacity: 35.8 MG  
Halaula Reservoir  
Capacity: Unverified  
Kanehu Reservoir #3  
Capacity: Unverified  

80"  
65"  
50"  
100"  
120"  

Hawaii State Department of Agriculture  
Island of Kauai, Hawaii (March, 2016)  
Map 19  

Legend  
ALISH  
Prime Land  
Unique Land  
Other Land  
System Alignments  
Active  
Inactive  
Unverified  
Reservoir, Active  
Reservoir, Inactive  
Reservoir, Unverified  
General Information  
DHHL Service Area  
Without ALISH Designation  
PRIVATE Service Area  
Without ALISH Designation  
Isohyets  

Hawaii State Department of Agriculture  
Anahola Ditch  
Irrigation System  
ALISH 1977  
Within Service Area  
Island of Kauai, Hawaii (March, 2016)
Kawano Ditch
 Kaneha Ditch
 Mimino Ditch
 Lower Anahola Ditch
 Upper Anahola Ditch
 Kanehu Reservoir #2
 Capacity: 47.6 MG
 Kaneha Reservoir
 Capacity: 136.9 MG
 Mimino Reservoir
 Capacity: 22.8 MG
 Kanehu Reservoir #1
 Capacity: 34.2 MG
 Lower Anahola
 Capacity: 37.5 MG
 Upper Anahola
 Capacity: 35.8 MG
 Halaula Reservoir
 Capacity: Unverified
 Kanehu Reservoir #3
 Capacity: Unverified

Legend
LCC Non-Irrigated Conditions
II
III
IV
V
VI
VII
VIII
System Alignments
Active
Inactive
Unverified
Reservoir, Active
Reservoir, Inactive
Reservoir, Unverified
Neighboring Alignments
DHHL Service Area
PRIVATE Service Area
Without Soil Designation
Isohyets

General Information

Hawaii State Department of Agriculture
Island of Kauai, Hawaii (March, 2016)
Kapaia Reservoir
Capacity: 363 MG

Demello Reservoir
Capacity: Unverified

Lower Lihue Ditch

Kapaia Ditch

Hanamaulu Ditch

Stable Storm Ditch

Upper Lihue Ditch

80”

65”

50”

100”

120”

140”

160”

NAD 83, UTM Zone 4N

Island of Kauai, Hawaii  (March, 2016)

Map 22

Kauai

Waimea

Lihue

Upper and Lower Lihue Ditches

Alignments and System Components

Hawaii State Department of Agriculture

Legend

System Components

Active

Inactive

Unverified

Legend

$1

Spring, Active

Spring, Inactive

Stream Diversion, Active

Stream Diversion, Inactive

Well, Active

Well, Inactive

Unverified Intake

Service Area

Neighboring Alignments

Isohyets

Regulated Dam

Removed Dam

Pump, Active

Pump, Inactive

Pump, Unverified
Kapaia Reservoir
Capacity: 363 MG

Demello Reservoir
Capacity: Unverified

Lower Lihue Ditch
Kapaia Ditch
Hanamaulu Ditch
Stable Storm Ditch
Upper Lihue Ditch

Stable Storm Ditch

NAD 83, UTM Zone 4N

Legend

Current Land Use
Cultivated Field Crops
Cultivated Other Crops
Grazing

System Alignments
Active
Inactive
Unverified
Reservoir, Active
Reservoir, Inactive
Reservoir, Unverified

General Information
Service Area
Neighboring Alignments
Isohyets

Hawaii State Department of Agriculture
Island of Kauai, Hawaii (March, 2016)

Map 23

Upper and Lower Lihue Ditches
2014-2015 Land Use

Hawaii State Department of Agriculture
Kapaia Reservoir
Capacity: 363 MG

Demello Reservoir
Capacity: Unverified

Lower Lihue Ditch
Kapaia Ditch

Hanamaulu Ditch
Stable Storm Ditch
Upper Lihue Ditch

Legend
LCC Non-Irrigated Conditions

II
III
IV
V
VI
VII
VIII
System Alignments
Active
Inactive
Unverified
Reservoir, Active
Reservoir, Inactive
Reservoir, Unverified

General Information
Service Area
Without Soil Designation
Neighboring Alignments
Isohyets

Island of Kauai, Hawaii (March, 2016)
Map 25
Hawaii State Department of Agriculture

Upper and Lower Lihue Ditches
Land Capability Class
Non-Irrigated Conditions

NAD 83, UTM Zone 4N
Papuaa Reservoir
Capacity: 300.1 MG

Halanana Reservoir
Capacity: 149.9 MG

Koloa Tunnel
Upper Haiku Ditch
Lower Haiku Ditch

ALISH LEGEND
- Prime Land
- Unique Land
- Other Land

System Alignments
- Active
- Inactive
- Unverified

General Information
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

Service Area Without ALISH Designation

Neighboring Alignments

Isohyets

Hawaii State Department of Agriculture
Island of Kauai, Hawaii (March, 2016)
Papuaa Reservoir
Capacity: 300.1 MG

Halenanahu Reservoir
Capacity: 149.9 MG

Koloa Tunnel
Upper Haiku Ditch
Lower Haiku Ditch

NAD 83, UTM Zone 4N

Hawaii State Department of Agriculture
Island of Kauai, Hawaii (March, 2016)
Waita Reservoir
Capacity: 3,225.9 MG

Papuaa Reservoir
Capacity: 300.1 MG

Koloa Ditch

Wilcox Ditch

Waita Reservoir Ditch

Waiahi-Kuia Aqueduct

Mill Ditch

System Components

Legend

Canal, Active
Canal, Inactive
Canal, Unverified
Ditch, Active
Ditch, Inactive
Ditch, Unverified
Flume, Active
Flume, Inactive
Flume, Unverified
Penstock, Active
Penstock, Inactive
Penstock, Unverified
Pipeline, Active
Pipeline, Inactive
Pipeline, Unverified
Reservoir, Active
Reservoir, Inactive
Reservoir, Unverified
Regulated Dam
Removed Dam
Pump, Active
Pump, Inactive
Spring, Active
Spring, Inactive
Stream Diversion, Active
Stream Diversion, Inactive
Well, Active
Well, Inactive
Unverified Intake
Service Area
Neighboring Alignments
Isohyets

Hawaii State Department of Agriculture
Waiahi-Kuia Ag. and Koloa-Wilcox Ditch
Alignments and System Components

Island of Kauai, Hawaii (March, 2016)

Map 34
Kaawanui Reservoir
Capacity: 35.8 MG

Waikoloi Reservoir
Capacity: 47.9 MG

Poopueo Reservoir
Capacity: Unverified

Waikaia Reservoir
Capacity: 18.9 MG

Kepani Reservoir
Capacity: 27.7 MG

Aaka Reservoir
Capacity: Unverified

Waikai Reservoir
Capacity: Unverified

Kalaeloa Reservoir
Capacity: Unverified

Kuhumu Reservoir
Capacity: Unverified

Koula Ditch

Olokele Ditch

Legend
System Components
- Canal, Active
- Canal, Inactive
- Canal, Unverified
- Ditch, Active
- Ditch, Inactive
- Ditch, Unverified
- Flume, Active
- Flume, Inactive
- Flume, Unverified
- Penstock, Active
- Penstock, Inactive
- Penstock, Unverified
- Pipeline, Active
- Pipeline, Inactive
- Pipeline, Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified
- Regulated Dam
- Removed Dam
- Pump, Active
- Pump, Inactive
- Spring, Active
- Spring, Inactive
- Stream Diversion, Active
- Stream Diversion, Inactive
- Well, Active
- Well, Inactive
- Unverified Intake
- Service Area
- Neighboring Alignments
- Isohyets

Olokele Ditch Irrigation System
Alignments and System Components

Hawaii State Department of Agriculture
Island of Kauai, Hawaii (March, 2016)