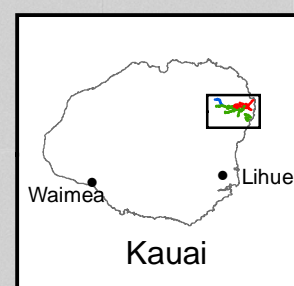


| Legend | |
|-------------------|----------------------------|
| System Components | |
| | Canal, Active |
| | Canal, Inactive |
| | Canal, Unverified |
| | Ditch, Active |
| | Ditch, Inactive |
| | Ditch, Unverified |
| | Flume, Active |
| | Flume, Inactive |
| | Flume, Unverified |
| | Penstock, Active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

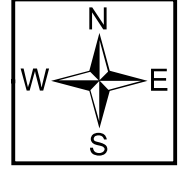
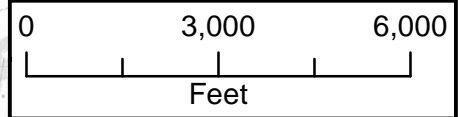
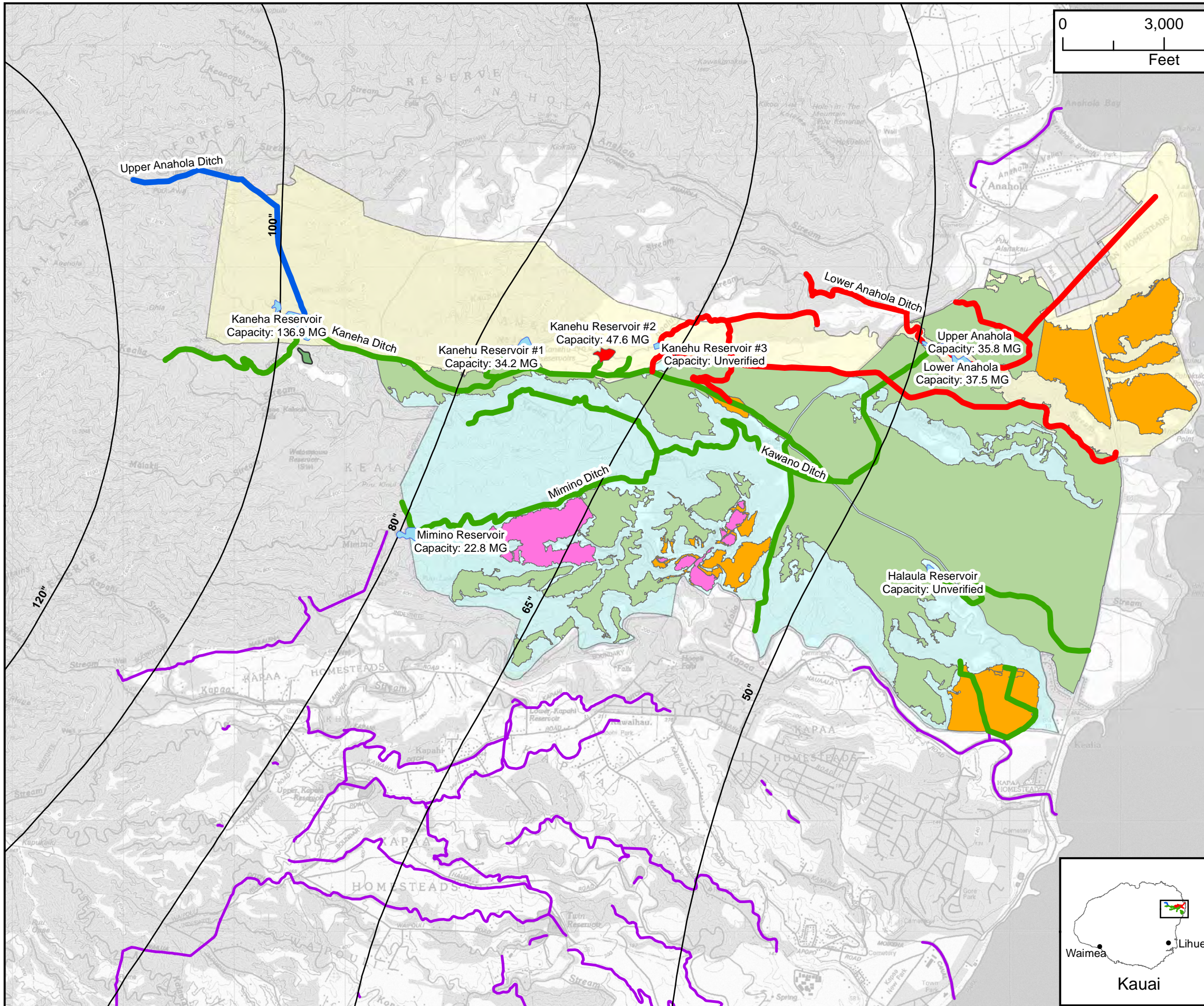


Hawaii State Department of Agriculture

**Anahola Ditch
Irrigation System**

**Alignments and
System Components**

Island of Kauai, Hawaii (March, 2016)



Legend

Current Land Use

- Cultivated Field Crops
- Cultivated Other Crops
- Grazing

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

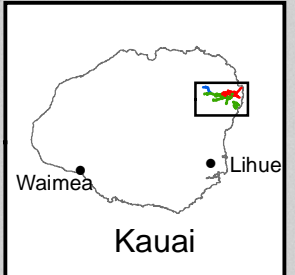
- DHHL Service Area
- PRIVATE Service Area
- Neighboring Alignments
- Isohyets

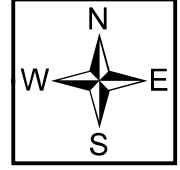
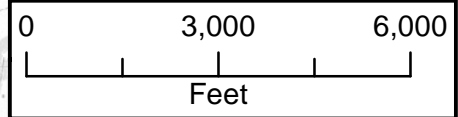
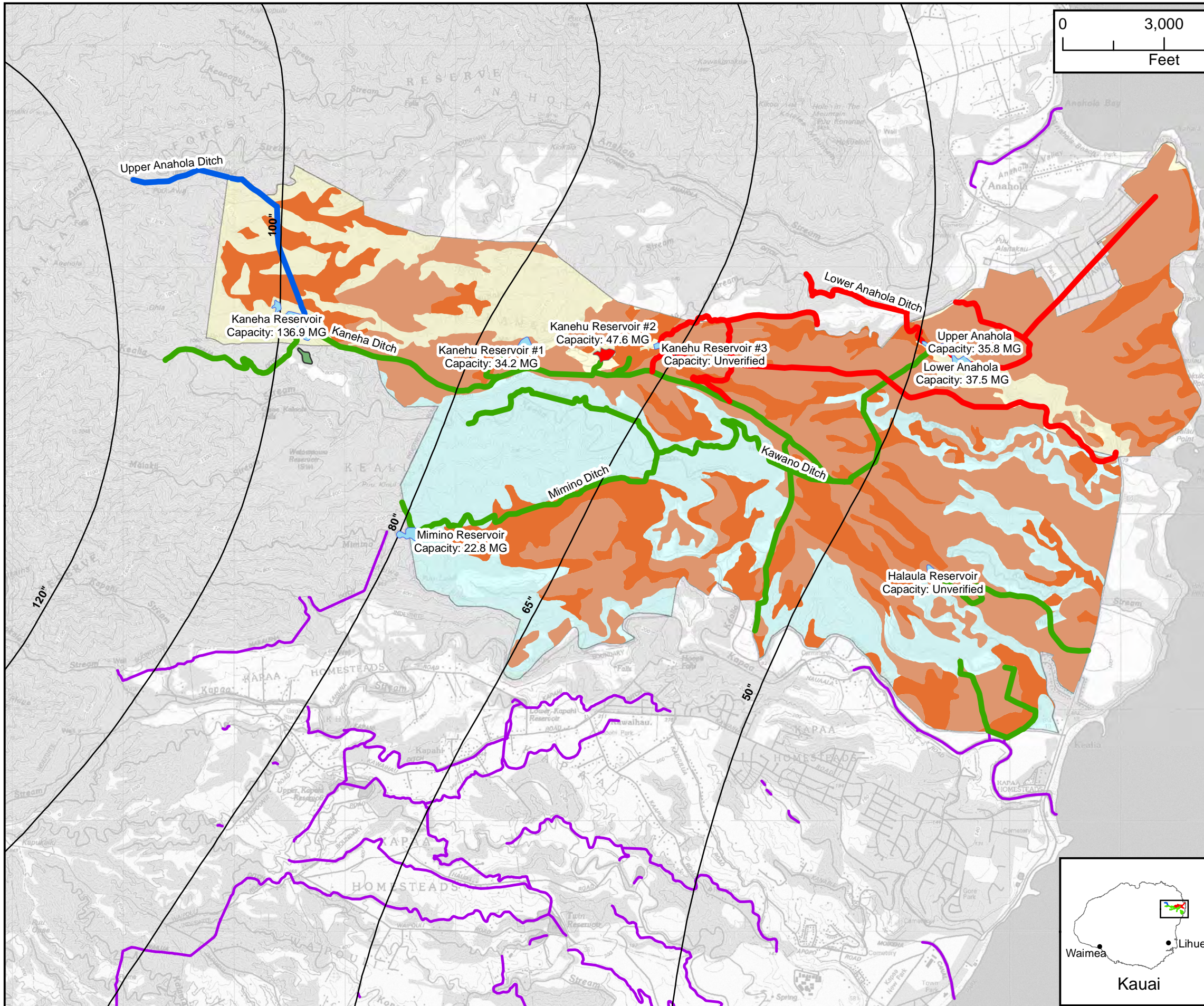
Hawaii State Department of Agriculture

Anahola Ditch
Irrigation System

2014-2015 Land Use

Island of Kauai, Hawaii (March, 2016)





Legend

ALISH

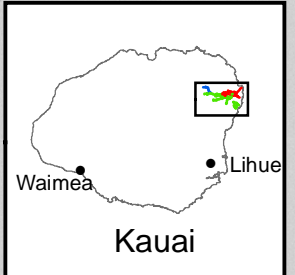
- Prime Land
- Unique Land
- Other Land

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
- Neighboring Alignments
- Isohyets



Hawaii State Department of Agriculture

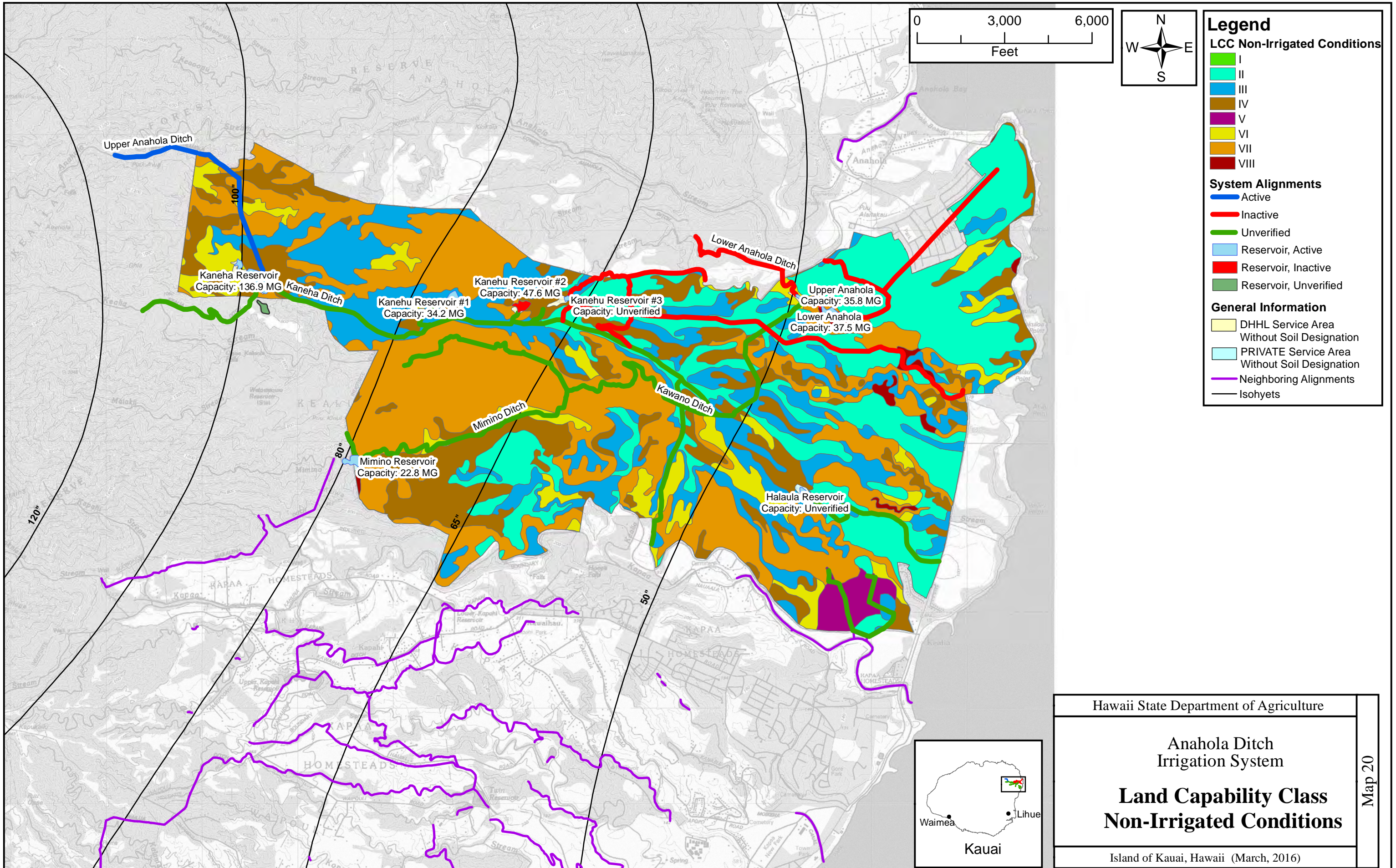
Anahola Ditch Irrigation System

ALISH 1977

Within Service Area

Island of Kauai, Hawaii (March, 2016)

Map 19



Legend

LCC Non-Irrigated Conditions

- I
- II
- III
- IV
- V
- VI
- VII
- VIII

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

- DHHL Service Area Without Soil Designation
- PRIVATE Service Area Without Soil Designation
- Neighboring Alignments
- Isohyets

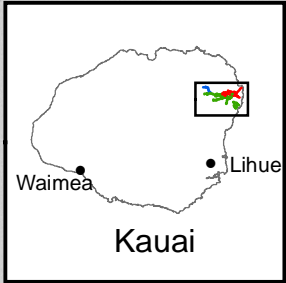
Hawaii State Department of Agriculture

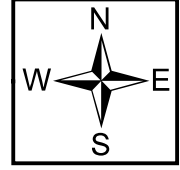
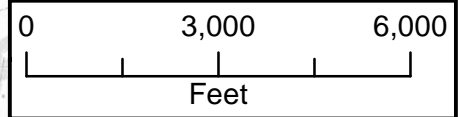
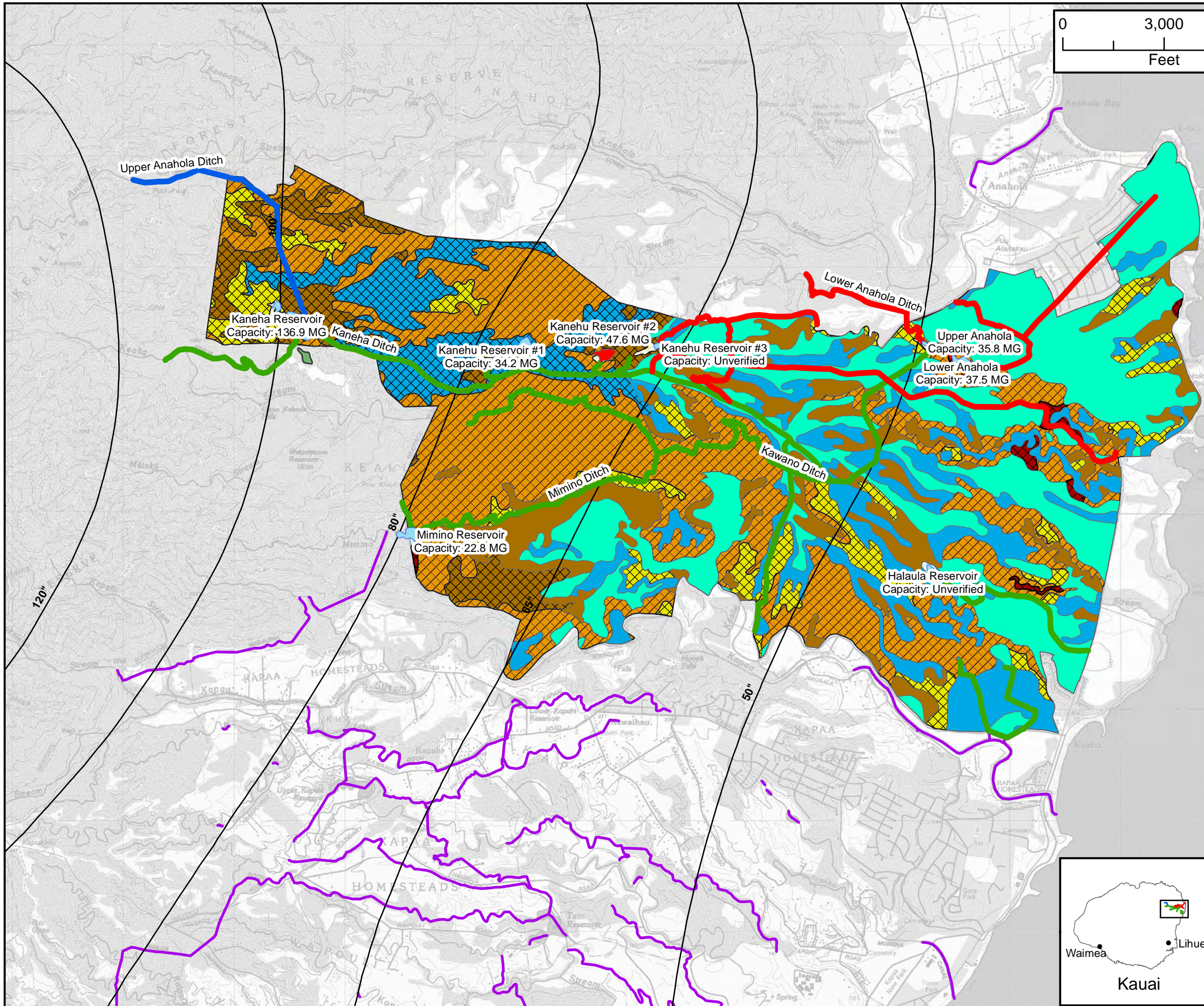
Anahola Ditch Irrigation System

Land Capability Class Non-Irrigated Conditions

Island of Kauai, Hawaii (March, 2016)

Map 20





Legend

LCC With Irrigation

- I
- II
- III
- IV
- VI

LCC Unchanged

- II
- III
- IV
- V
- VI
- VII
- VIII

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

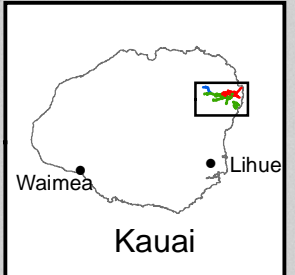
- DHHL Service Area Without Soil Designation
- PRIVATE Service Area Without Soil Designation
- Neighboring Alignments
- Isohyets

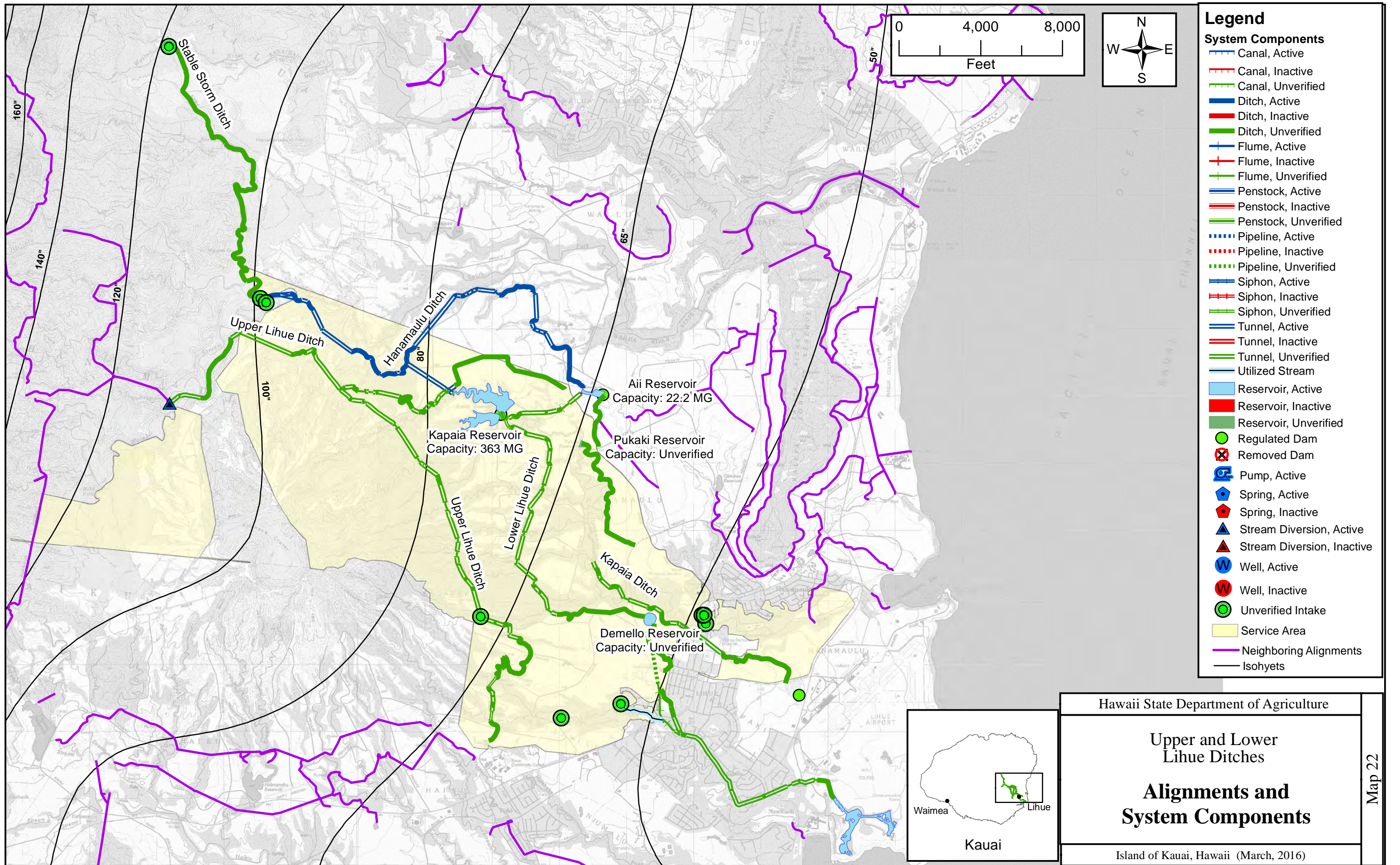
Hawaii State Department of Agriculture

Anahola Ditch Irrigation System

Land Capability Class Irrigated Conditions

Island of Kauai, Hawaii (March, 2016)





- 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
 - Siphon, Active
 - Siphon, Inactive
 - Siphon, Unverified
 - Tunnel, Active
 - Tunnel, Inactive
 - Tunnel, Unverified
 - Utilized Stream
 - Reservoir, Active
 - Reservoir, Inactive
 - Reservoir, Unverified
 - Regulated Dam
 - Removed Dam
 - Pump, Active
 - Spring, Active
 - Spring, Inactive
 - Stream Diversion, Active
 - Stream Diversion, Inactive
 - Well, Active
 - Well, Inactive
 - Unverified Intake
 - Service Area
 - Neighboring Alignments
 - Isohyets

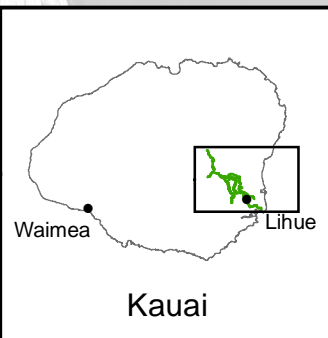
Hawaii State Department of Agriculture

Upper and Lower Lihue Ditches

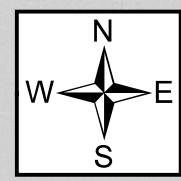
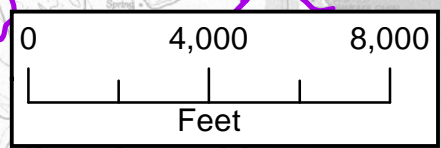
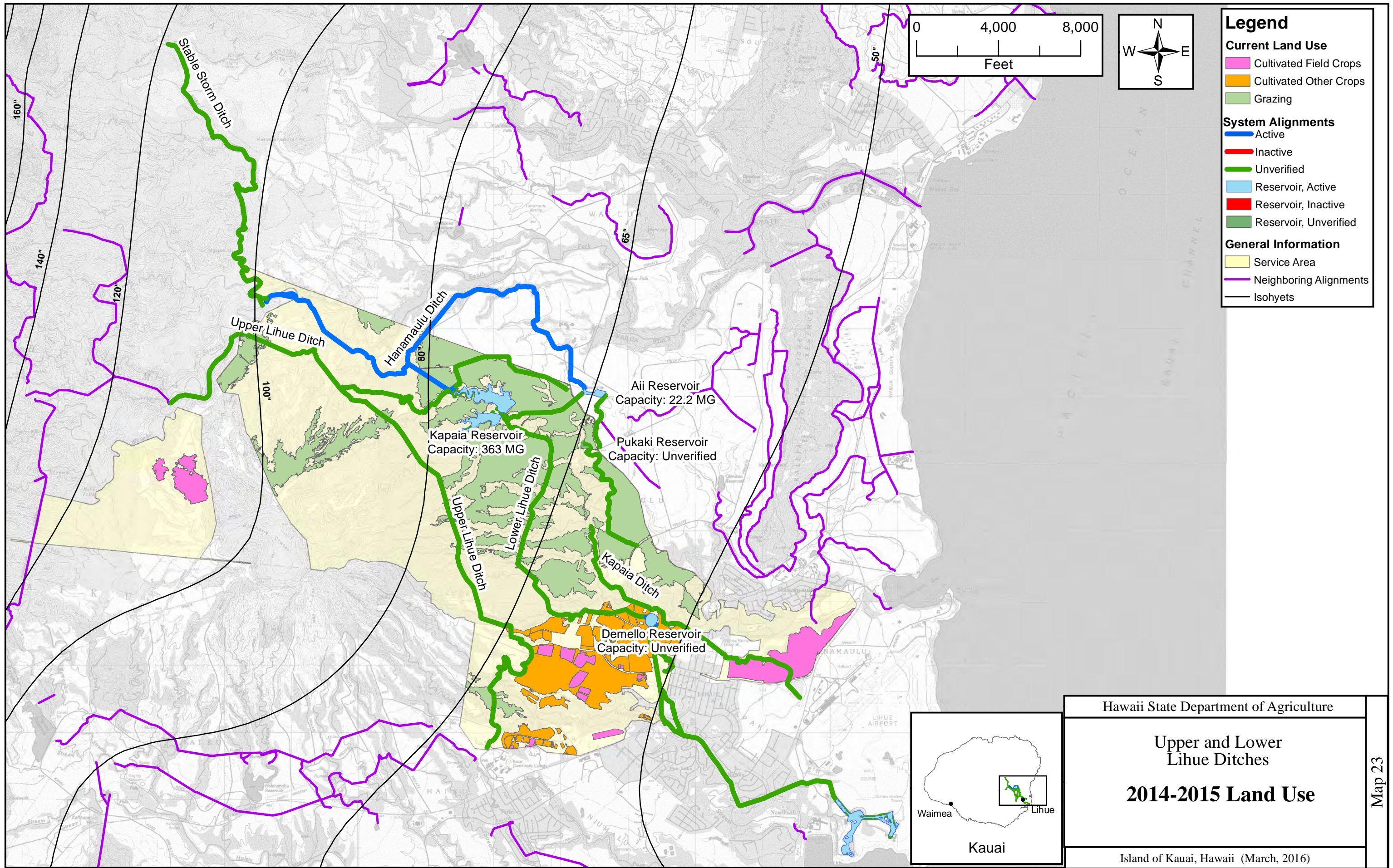
Alignments and System Components

Island of Kauai, Hawaii (March, 2016)

Map 22

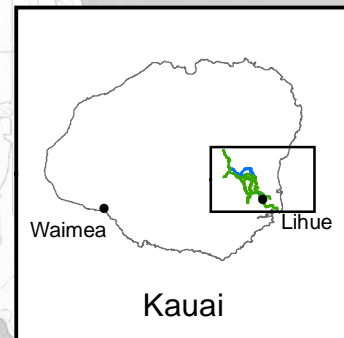


NAD 83, UTM Zone 4N



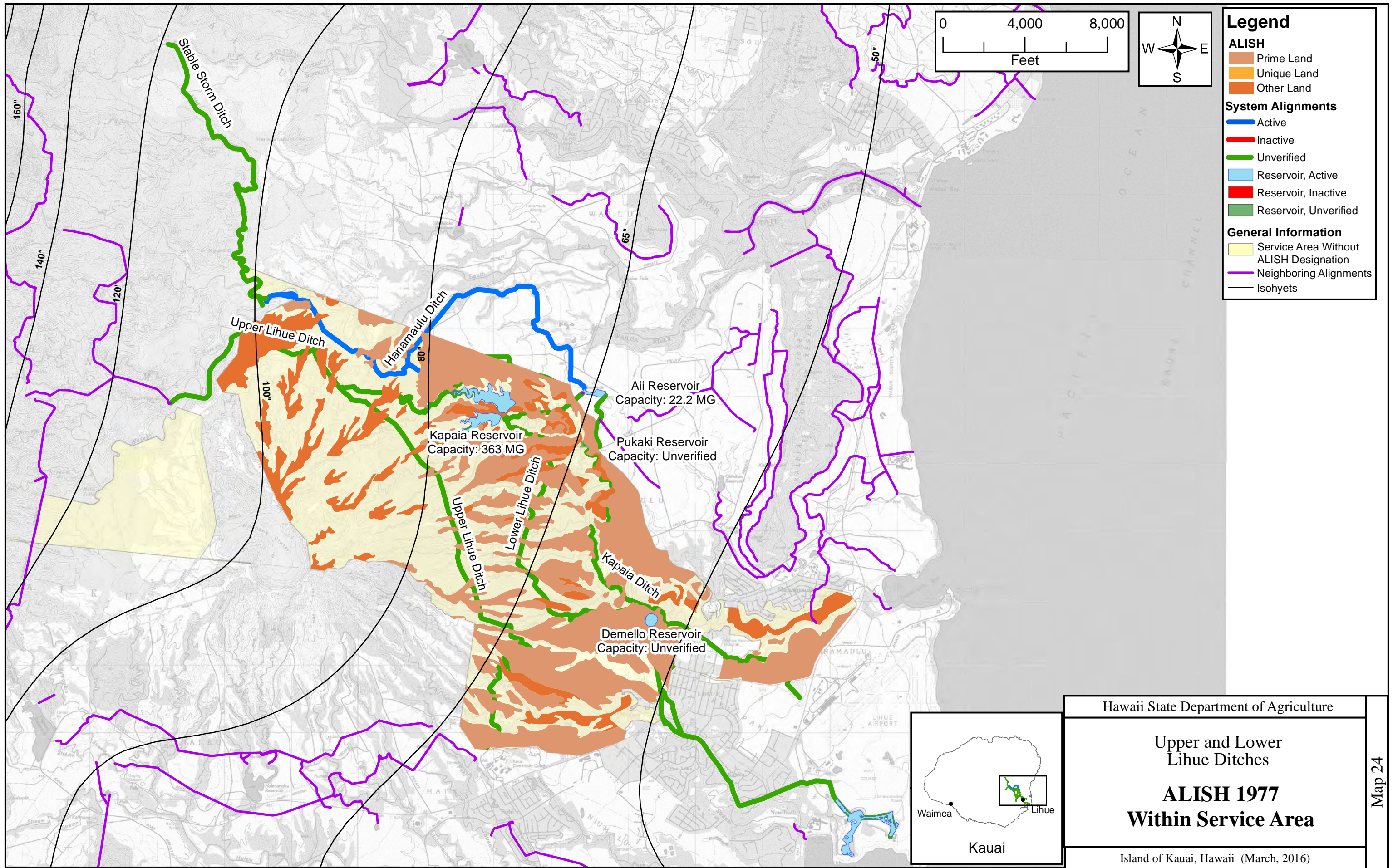
| Legend | |
|---|------------------------|
| Current Land Use | |
| | Cultivated Field Crops |
| | Cultivated Other Crops |
| | Grazing |
| System Alignments | |
| | Active |
| | Inactive |
| | Unverified |
| | Reservoir, Active |
| | Reservoir, Inactive |
| | Reservoir, Unverified |
| General Information | |
| | Service Area |
| | Neighboring Alignments |
| | Isohyets |

| | |
|--|--|
| Hawaii State Department of Agriculture | |
| Upper and Lower Lihue Ditches | |
| 2014-2015 Land Use | |
| Island of Kauai, Hawaii (March, 2016) | |



Map 23

NAD 83, UTM Zone 4N



Legend

ALISH

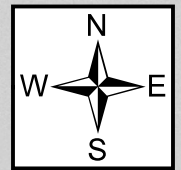
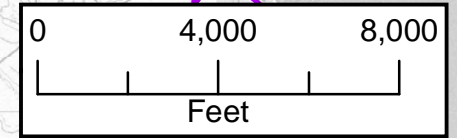
- Prime Land
- Unique Land
- Other Land

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

- Service Area Without ALISH Designation
- Neighboring Alignments
- Isolyets



Hawaii State Department of Agriculture

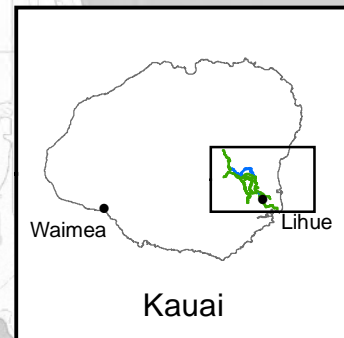
Upper and Lower Lihue Ditches

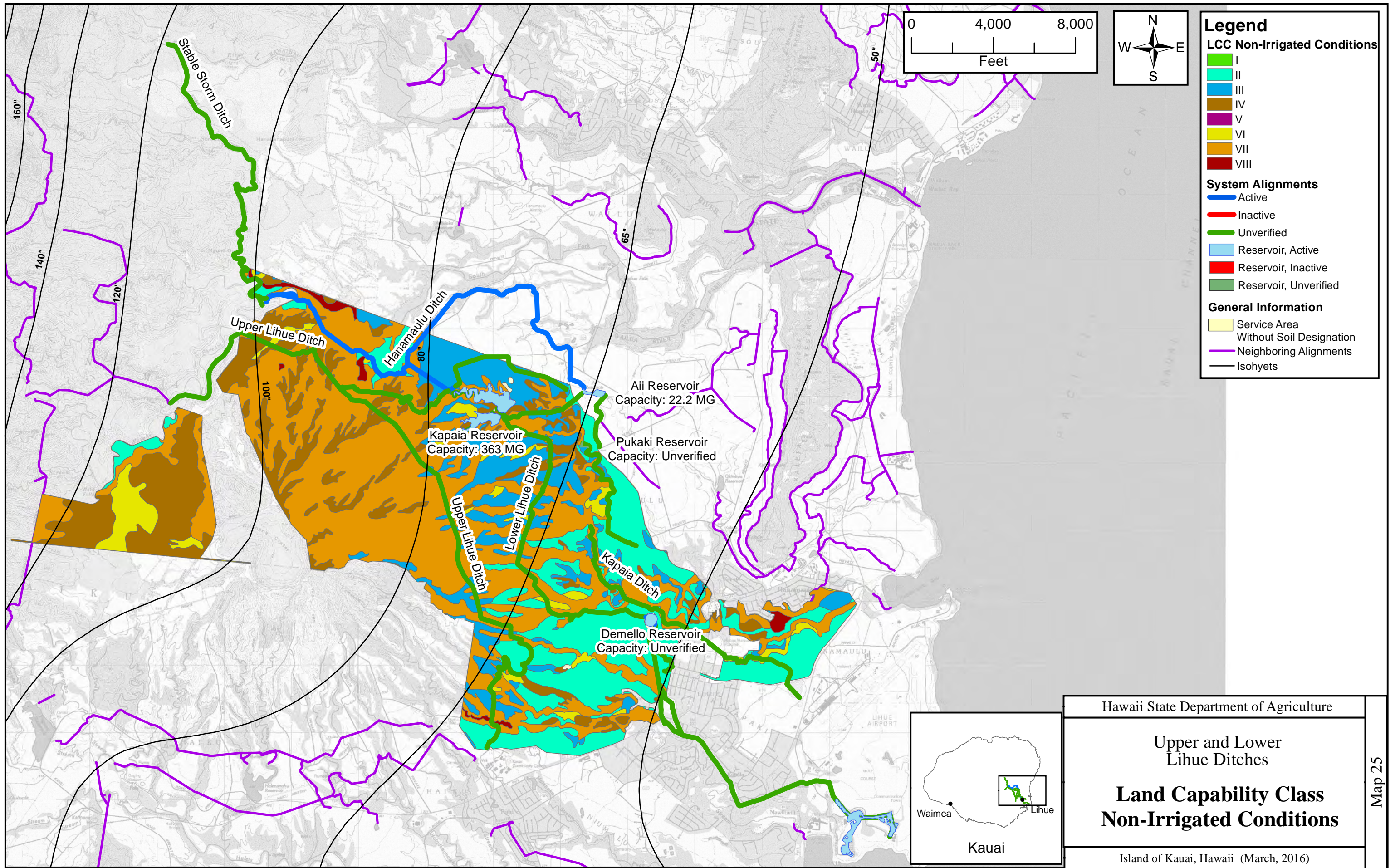
ALISH 1977

Within Service Area

Island of Kauai, Hawaii (March, 2016)

Map 24





Hawaii State Department of Agriculture

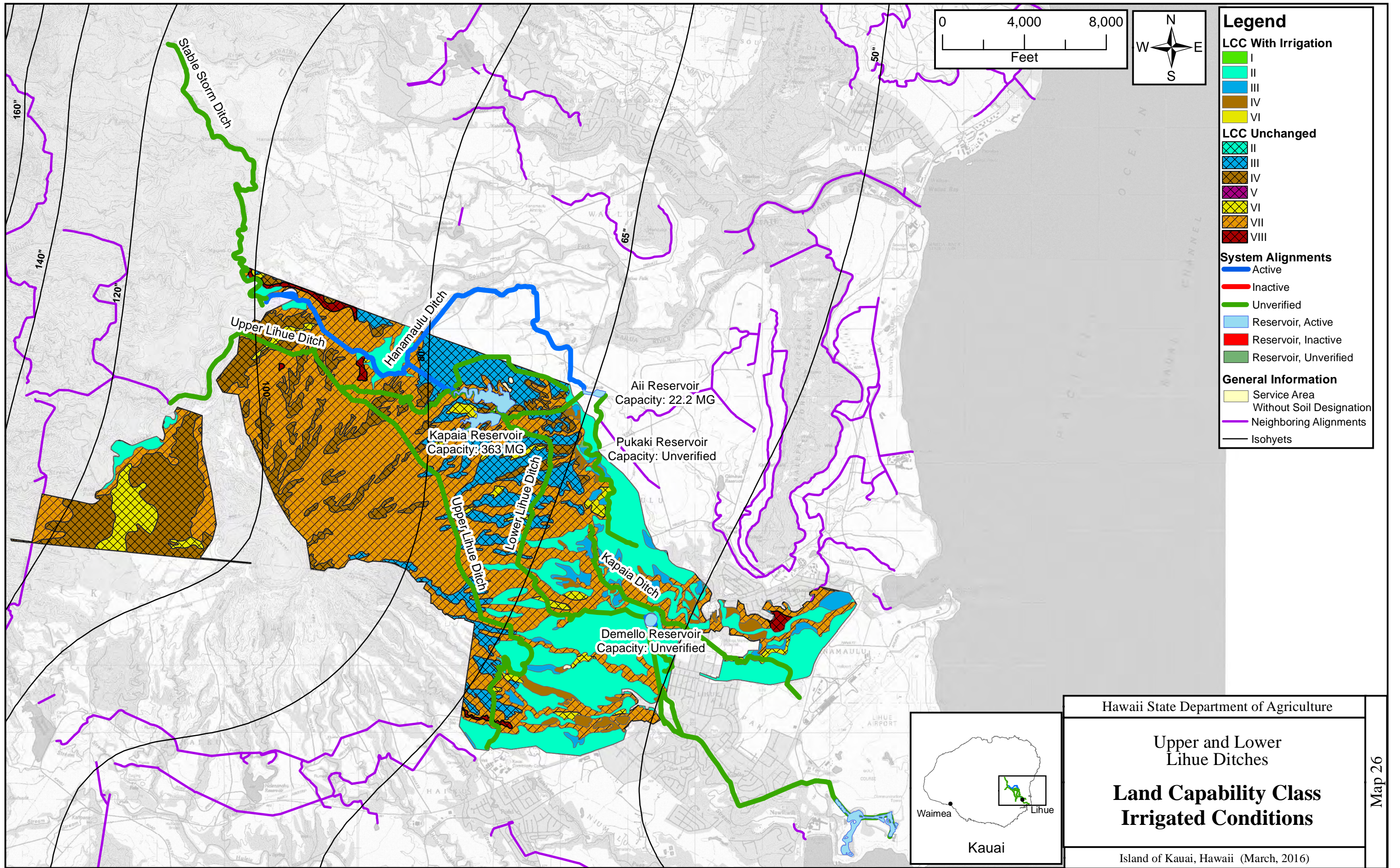
Upper and Lower Lihue Ditches

Land Capability Class Non-Irrigated Conditions

Island of Kauai, Hawaii (March, 2016)

Map 25

NAD 83, UTM Zone 4N



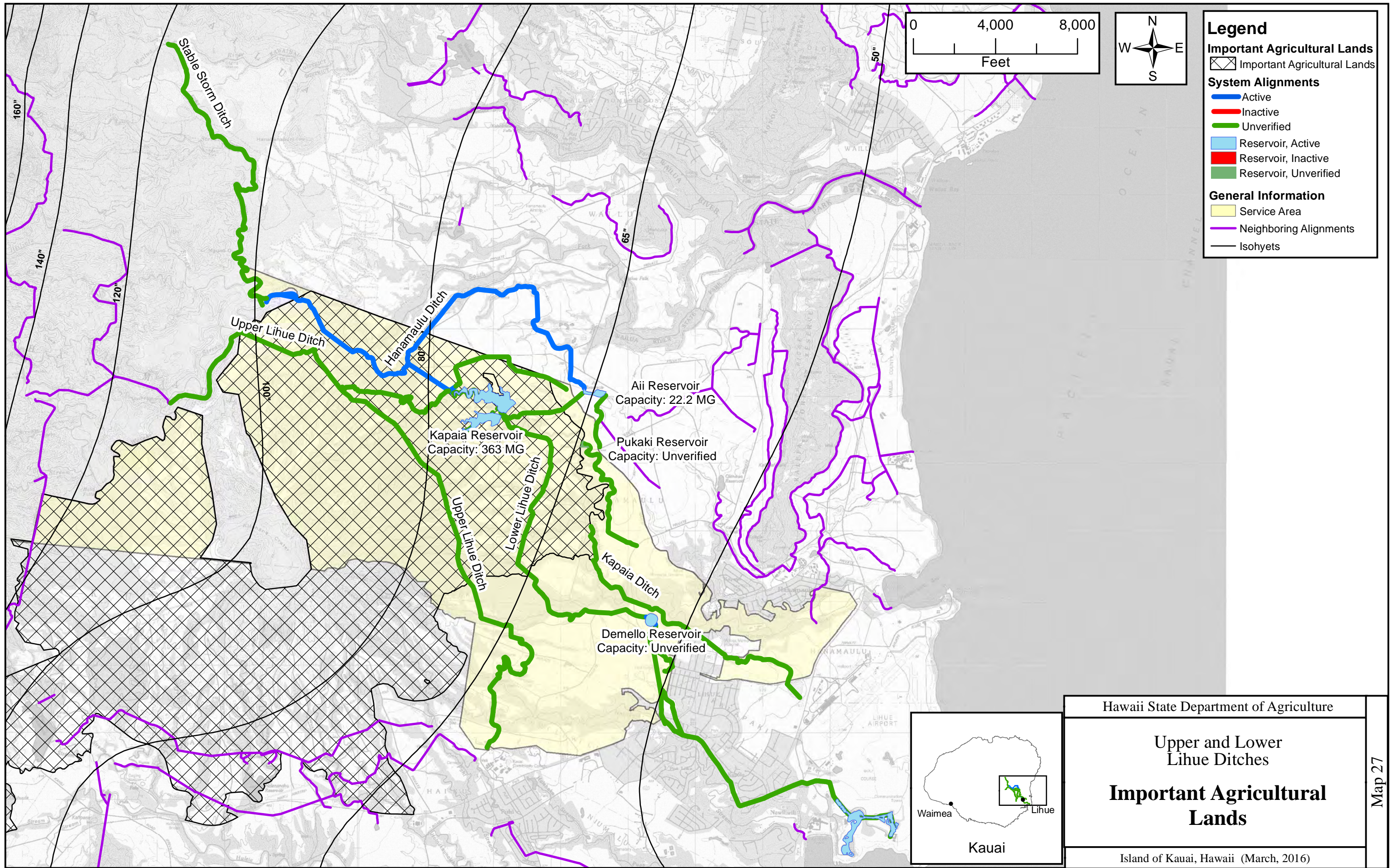
Hawaii State Department of Agriculture

Upper and Lower Lihue Ditches

Land Capability Class Irrigated Conditions

Island of Kauai, Hawaii (March, 2016)

Map 26



Legend

Important Agricultural Lands
 Important Agricultural Lands

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

- Service Area
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

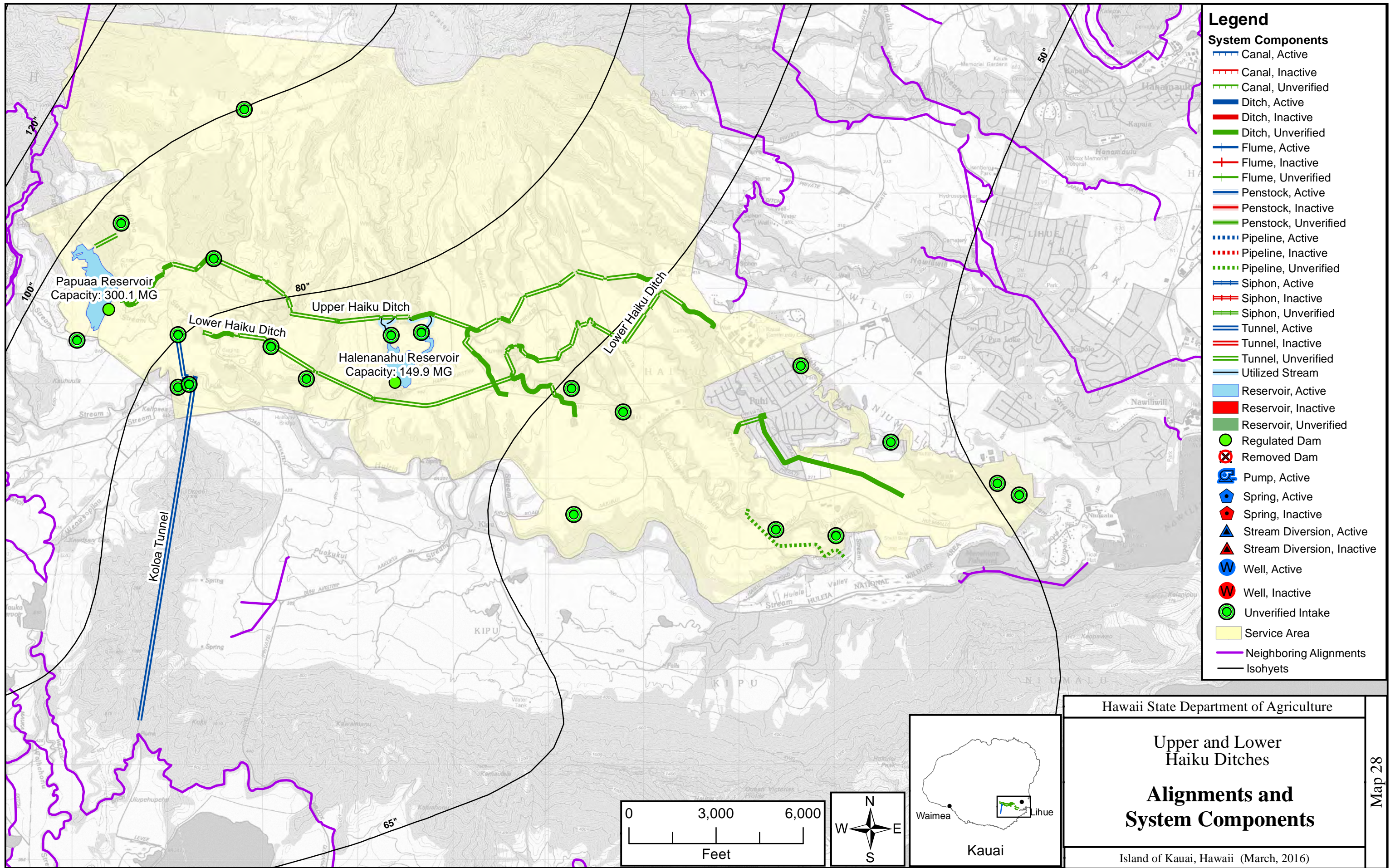
Upper and Lower Lihue Ditches

Important Agricultural Lands

Island of Kauai, Hawaii (March, 2016)

Map 27

NAD 83, UTM Zone 4N



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

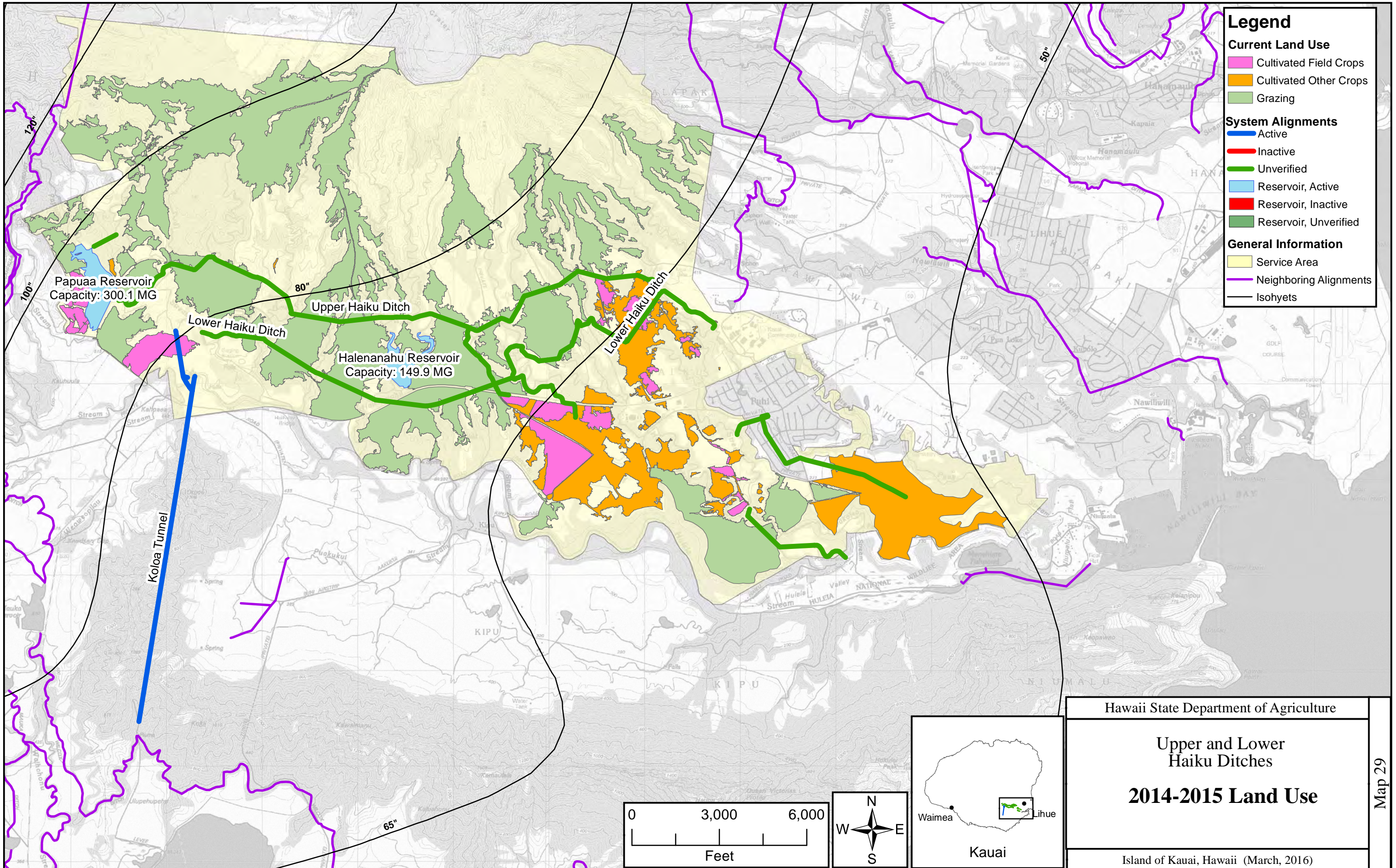
Upper and Lower
Haiku Ditches

**Alignments and
System Components**

Island of Kauai, Hawaii (March, 2016)

Map 28

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

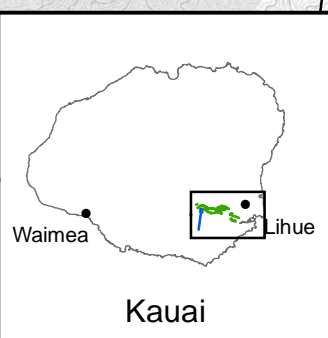
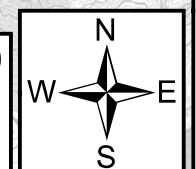
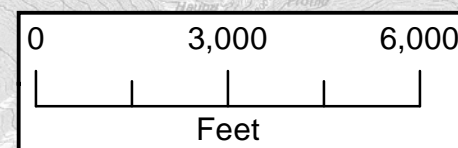
- Service Area
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

Upper and Lower Haiku Ditches

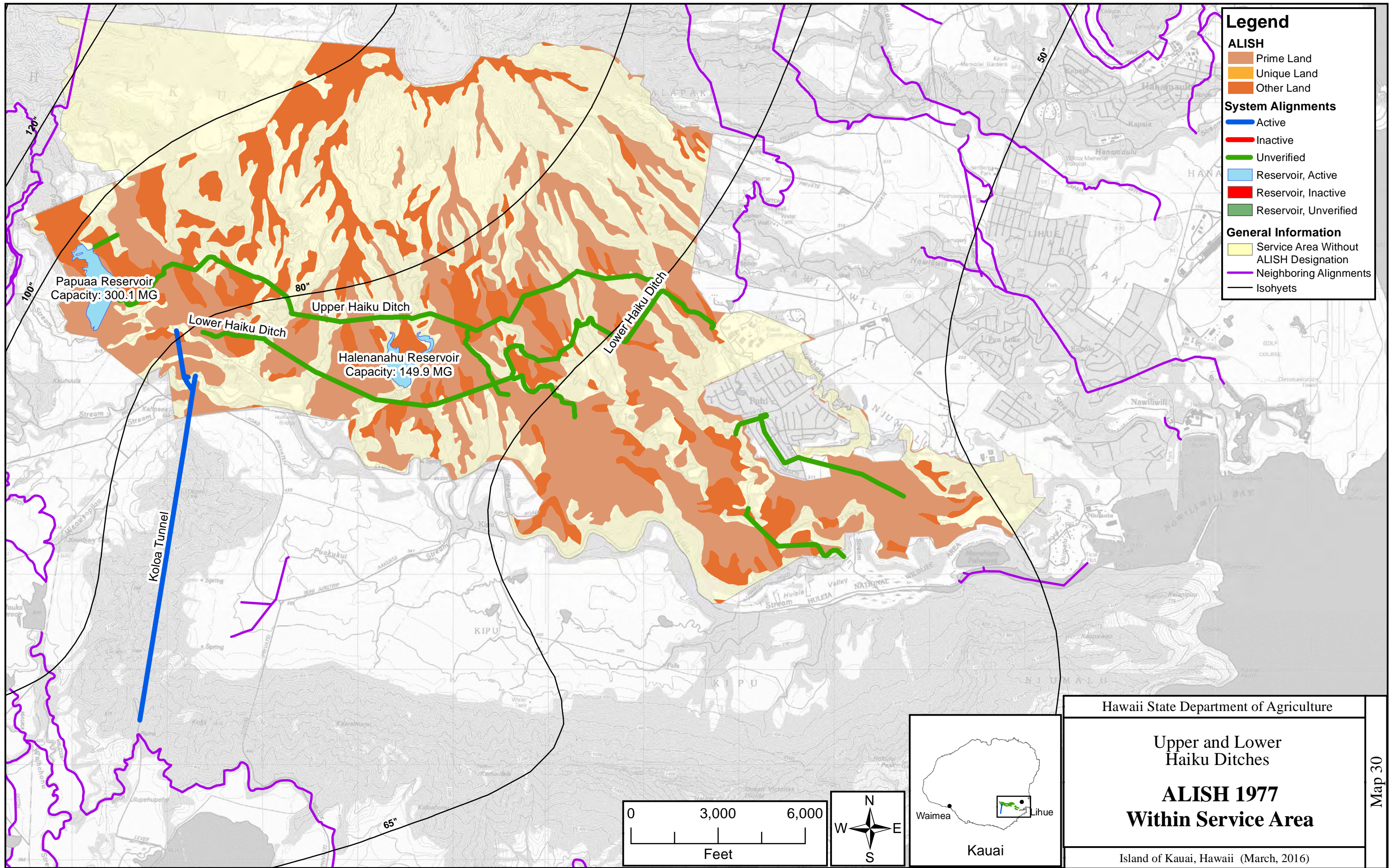
2014-2015 Land Use

Island of Kauai, Hawaii (March, 2016)



Map 29

NAD 83, UTM Zone 4N



Legend

ALISH

- Prime Land
- Unique Land
- Other Land

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

- Service Area Without ALISH Designation
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

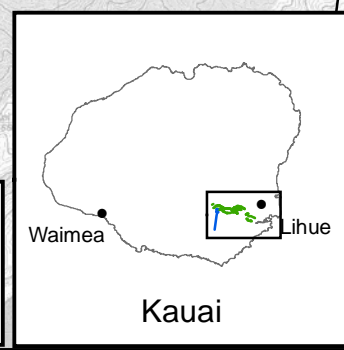
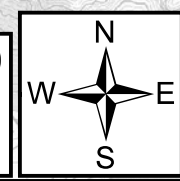
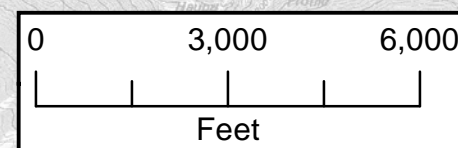
Upper and Lower Haiku Ditches

ALISH 1977

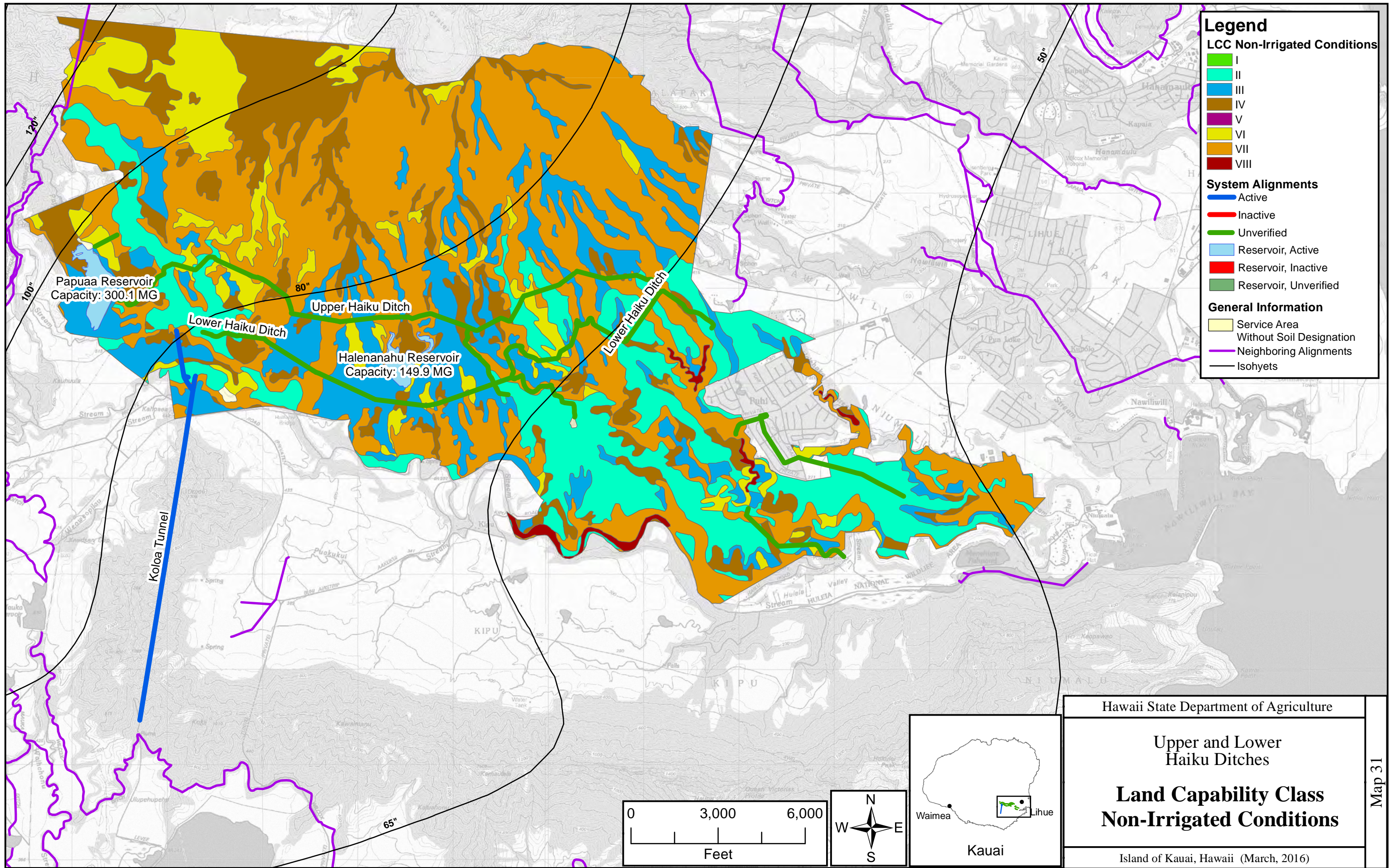
Within Service Area

Island of Kauai, Hawaii (March, 2016)

Map 30



NAD 83, UTM Zone 4N



Legend

LCC Non-Irrigated Conditions

- I
- 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

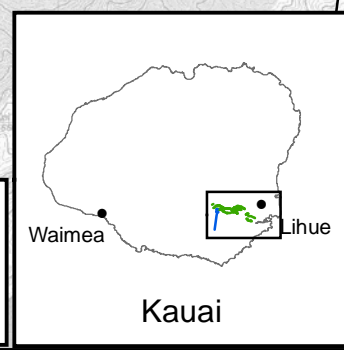
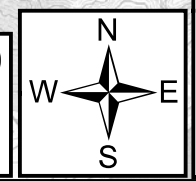
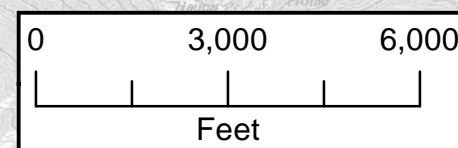
Hawaii State Department of Agriculture

Upper and Lower Haiku Ditches

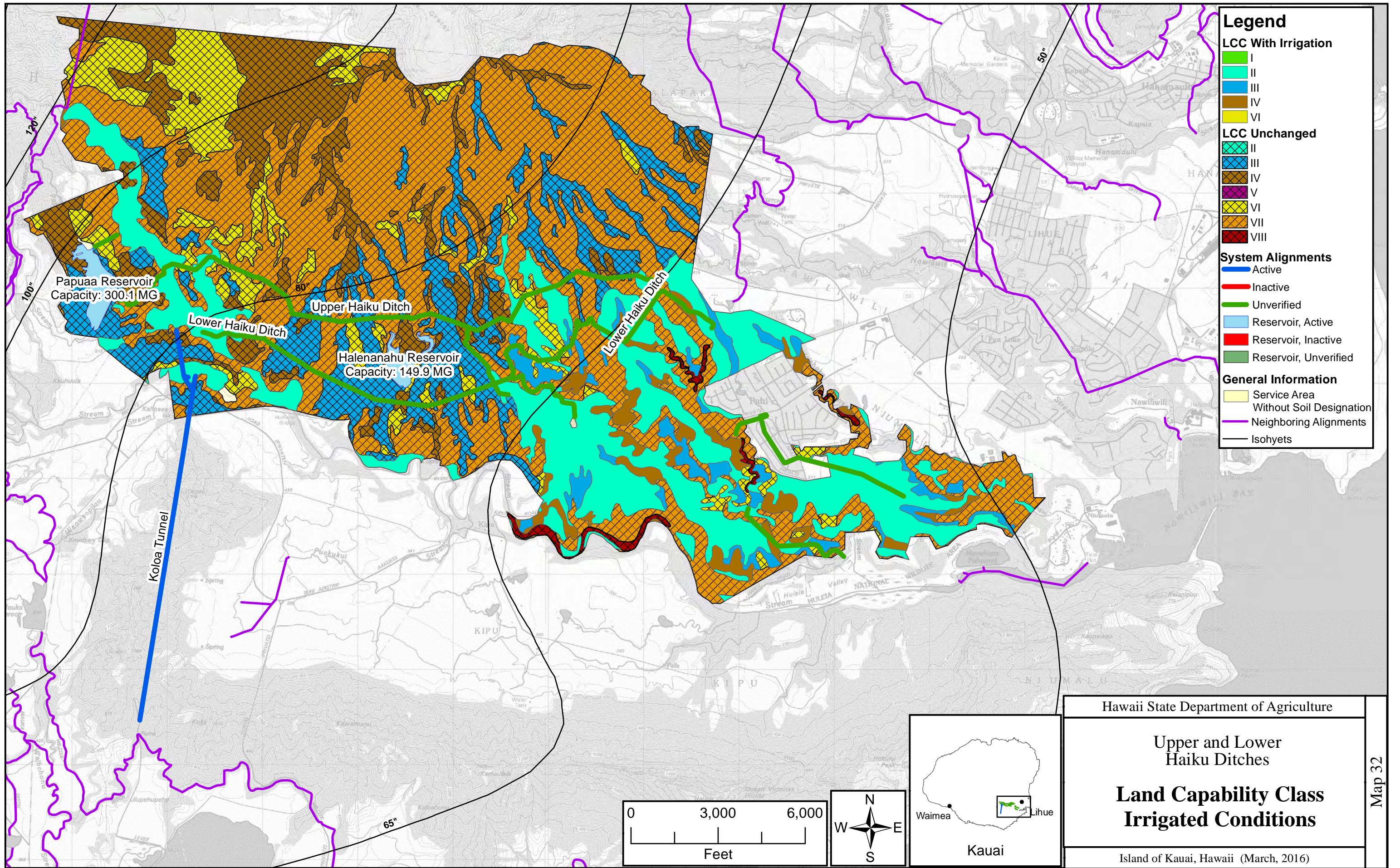
Land Capability Class Non-Irrigated Conditions

Island of Kauai, Hawaii (March, 2016)

Map 31



NAD 83, UTM Zone 4N



Legend

LCC With Irrigation

- I
- II
- III
- IV
- VI

LCC Unchanged

- II
- III
- IV
- V
- VI
- VII
- VIII

System Alignments

- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

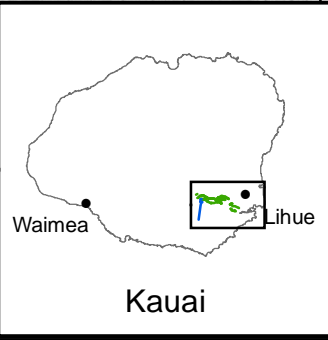
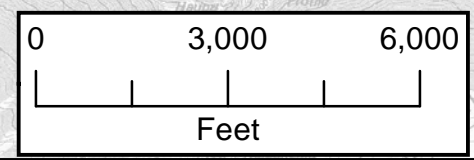
- Service Area Without Soil Designation
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

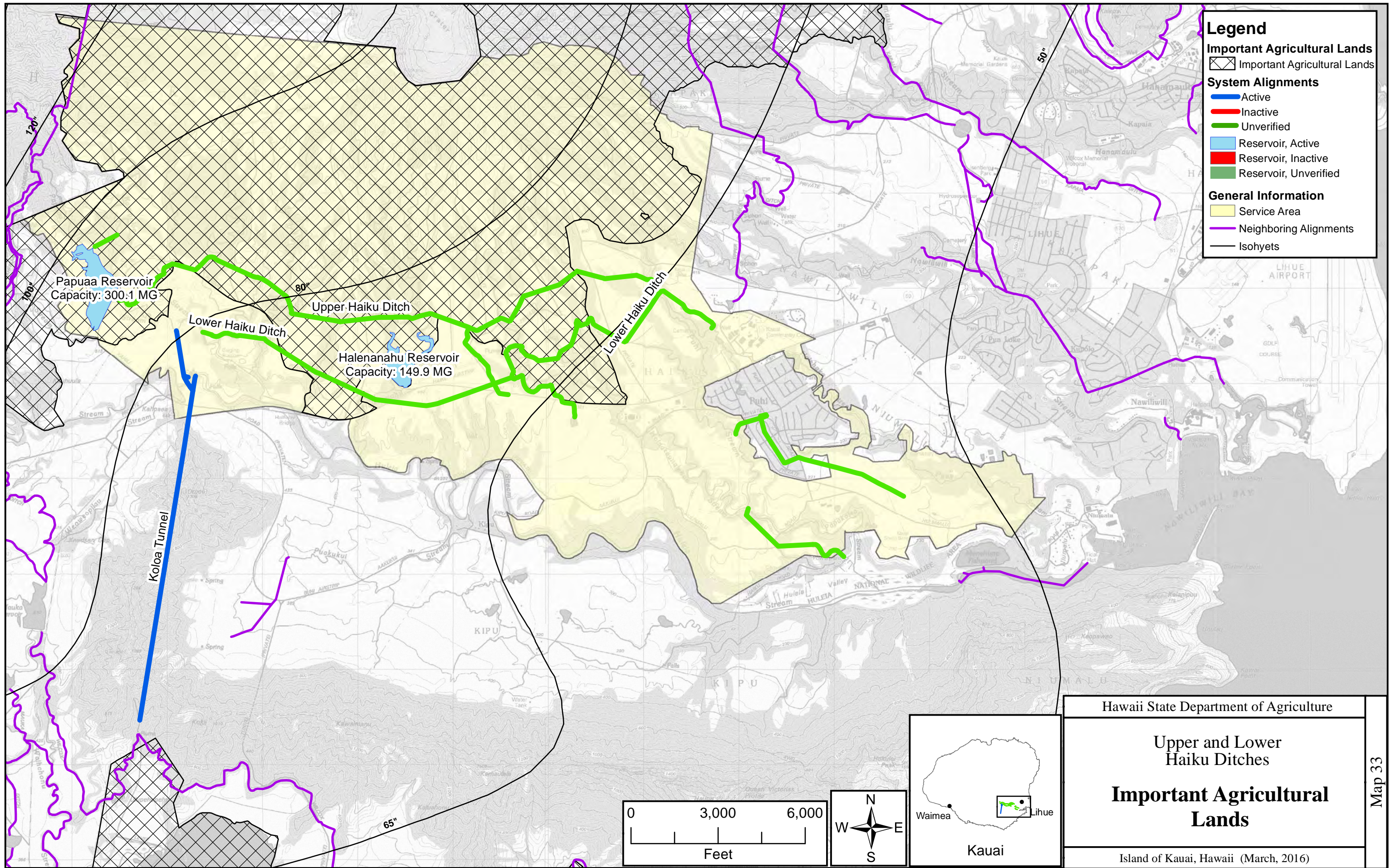
Upper and Lower Haiku Ditches

Land Capability Class Irrigated Conditions

Island of Kauai, Hawaii (March, 2016)



NAD 83, UTM Zone 4N



Legend

Important Agricultural Lands
 Important Agricultural Lands

System Alignments
 Active
 Inactive
 Unverified

Reservoir, Active
 Reservoir, Active
 Reservoir, Inactive
 Reservoir, Unverified

General Information
 Service Area
 Neighboring Alignments
 Isohyets

Hawaii State Department of Agriculture

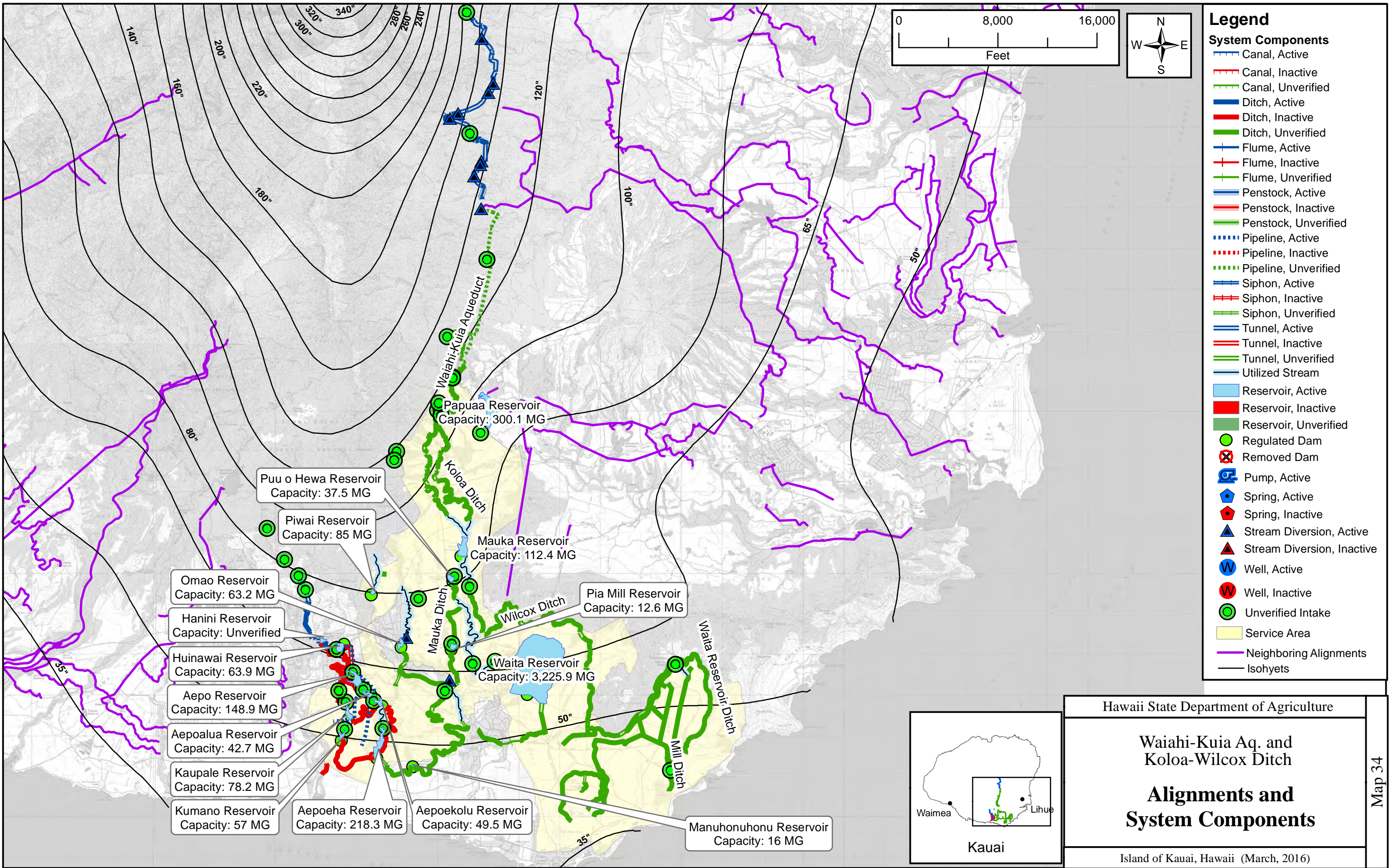
Upper and Lower
Haiku Ditches

**Important Agricultural
Lands**

Island of Kauai, Hawaii (March, 2016)

Map 33

NAD 83, UTM Zone 4N



NAD 83, UTM Zone 4N

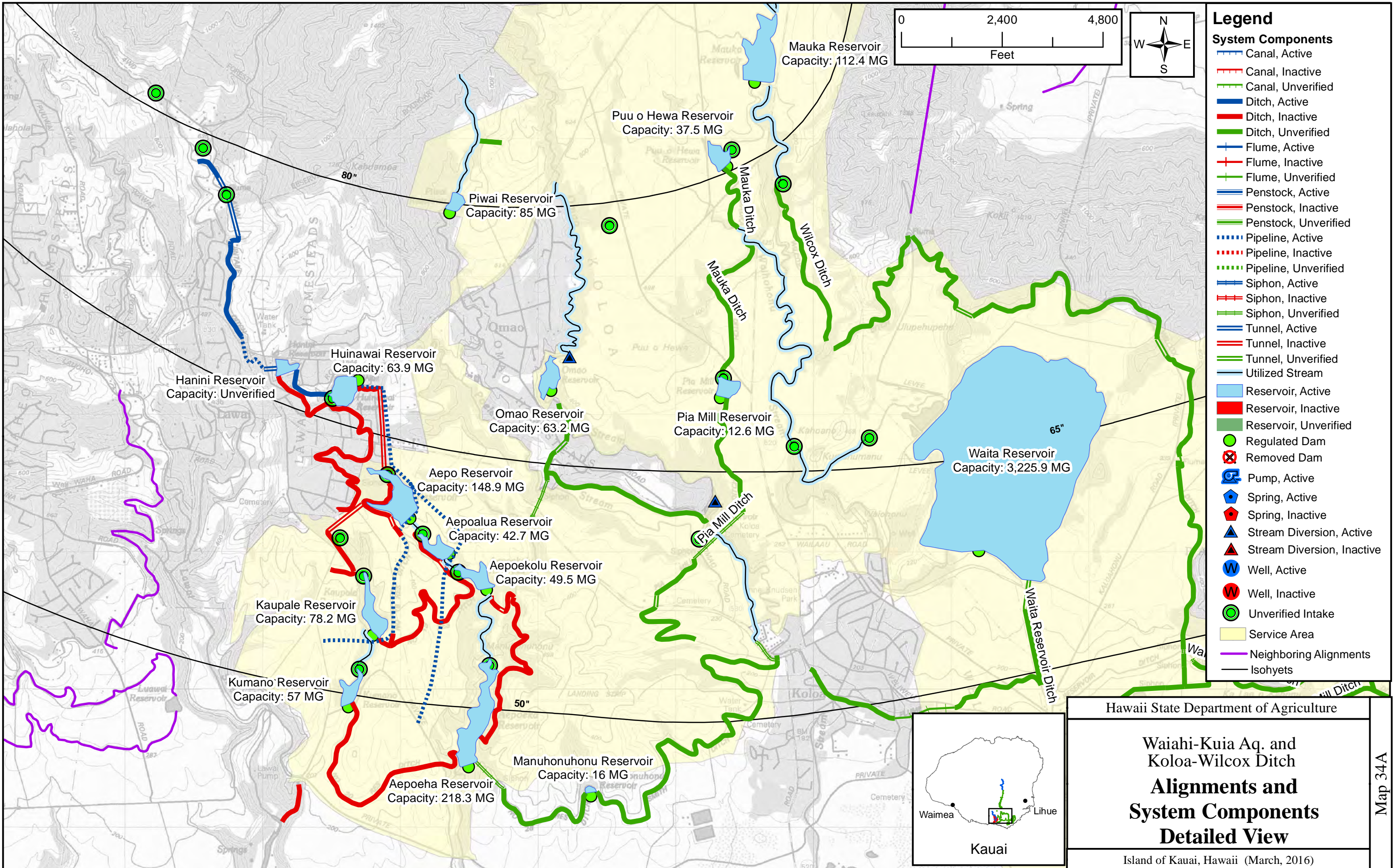
Hawaii State Department of Agriculture

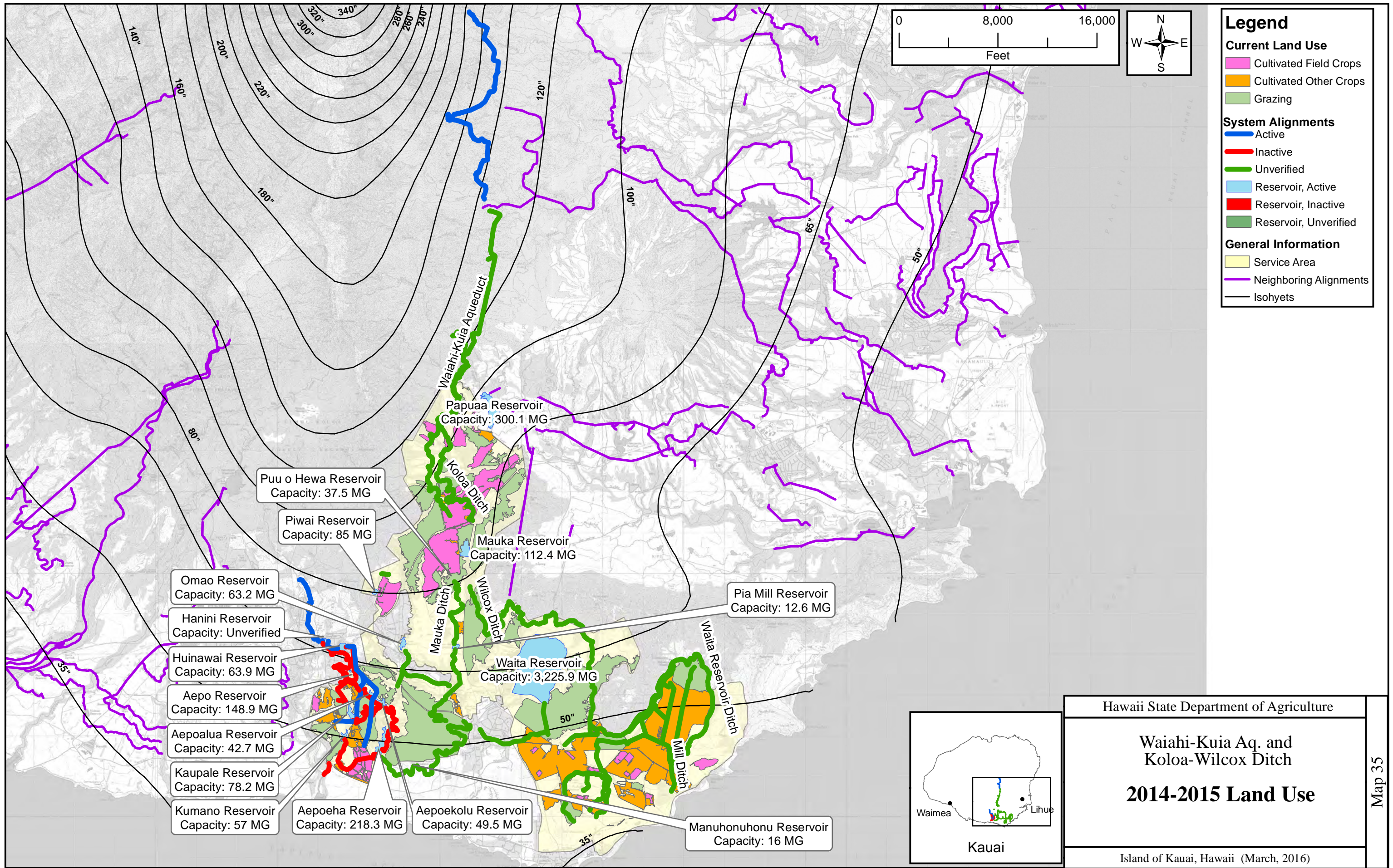
Waiahi-Kuia Aq. and Koloa-Wilcox Ditch

Alignments and System Components

Island of Kauai, Hawaii (March, 2016)

Map 34





Legend

Current Land Use

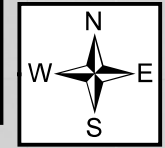
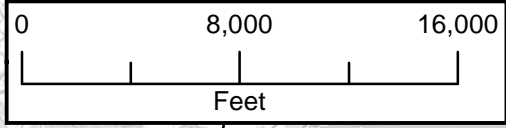
- Cultivated Field Crops
- Cultivated Other Crops
- Grazing

System Alignments

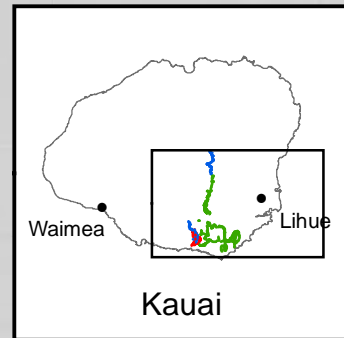
- Active
- Inactive
- Unverified
- Reservoir, Active
- Reservoir, Inactive
- Reservoir, Unverified

General Information

- Service Area
- Neighboring Alignments
- Isohyets



- Puu o Hewa Reservoir Capacity: 37.5 MG
- Piwai Reservoir Capacity: 85 MG
- Omao Reservoir Capacity: 63.2 MG
- Hanini Reservoir Capacity: Unverified
- Huinawai Reservoir Capacity: 63.9 MG
- Aepeo Reservoir Capacity: 148.9 MG
- Aeopalu Reservoir Capacity: 42.7 MG
- Kaipale Reservoir Capacity: 78.2 MG
- Kumano Reservoir Capacity: 57 MG
- Aepoeha Reservoir Capacity: 218.3 MG
- Aepoekolu Reservoir Capacity: 49.5 MG
- Manuhonuhonu Reservoir Capacity: 16 MG
- Waita Reservoir Capacity: 3,225.9 MG
- Mauka Reservoir Capacity: 112.4 MG
- Papuaa Reservoir Capacity: 300.1 MG
- Pia Mill Reservoir Capacity: 12.6 MG

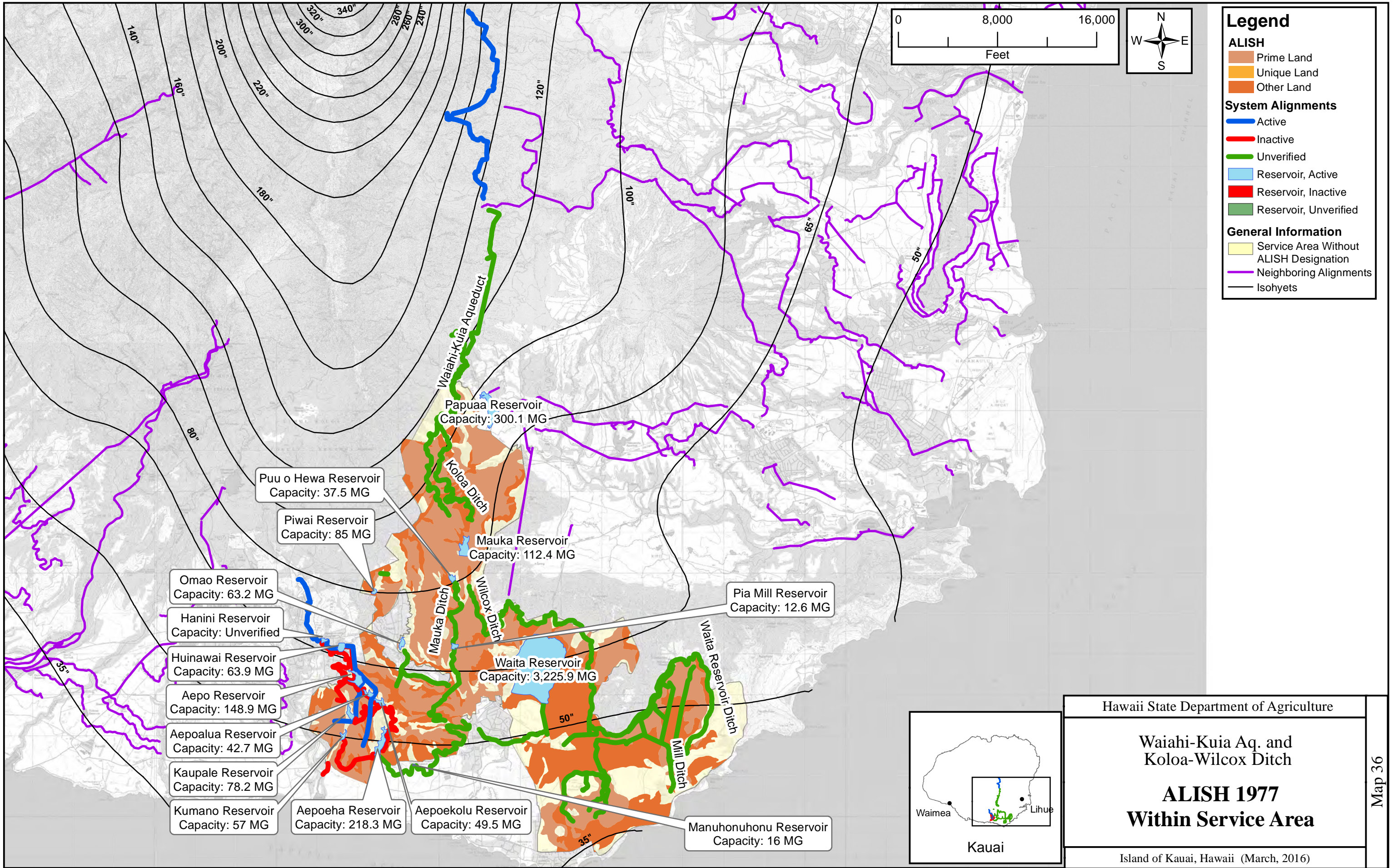


Hawaii State Department of Agriculture

Waiahi-Kuia Aq. and Koloa-Wilcox Ditch

2014-2015 Land Use

Island of Kauai, Hawaii (March, 2016)



Hawaii State Department of Agriculture

Waiahi-Kuia Aq. and Koloa-Wilcox Ditch

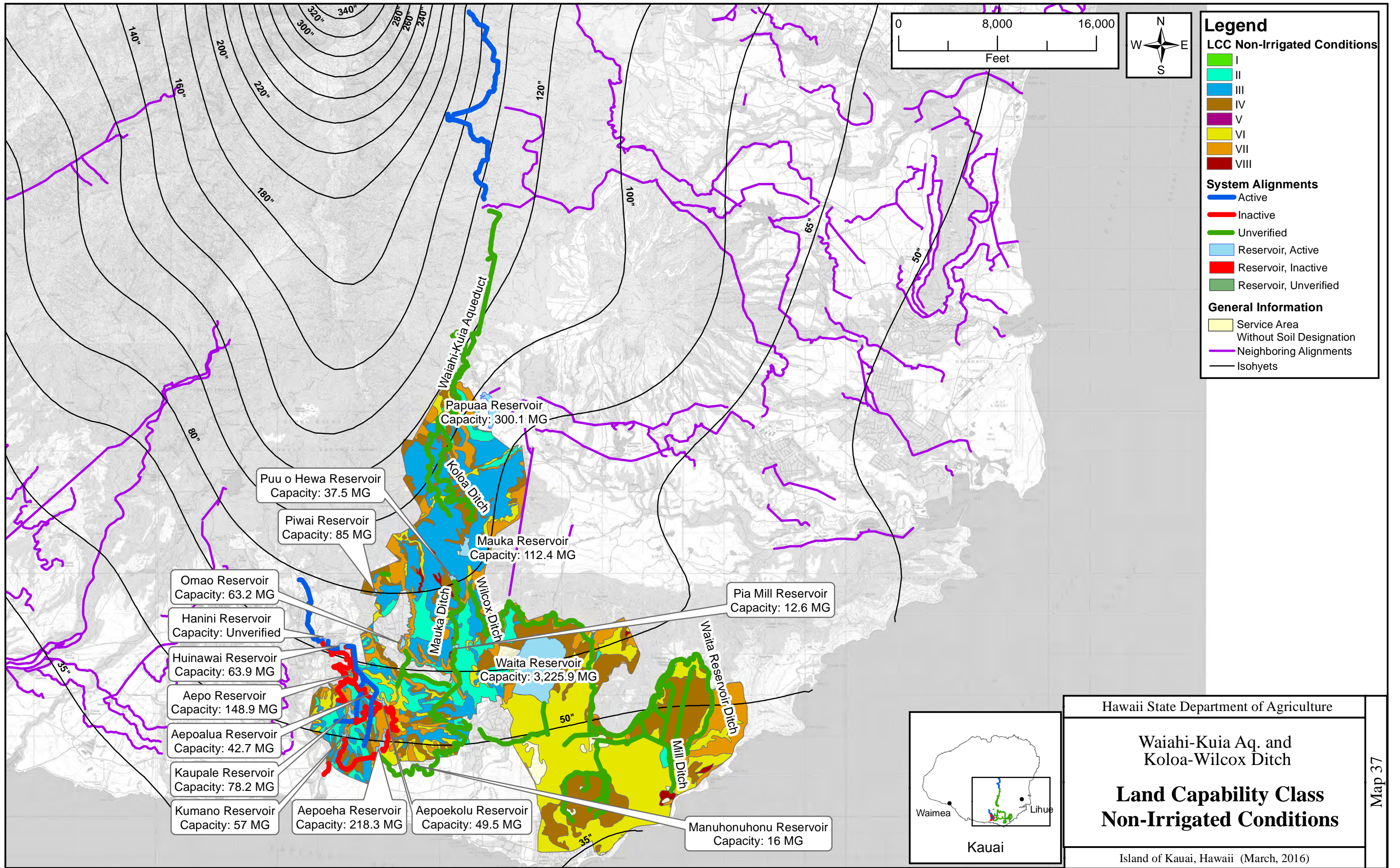
ALISH 1977

Within Service Area

Island of Kauai, Hawaii (March, 2016)

Map 36

NAD 83, UTM Zone 4N

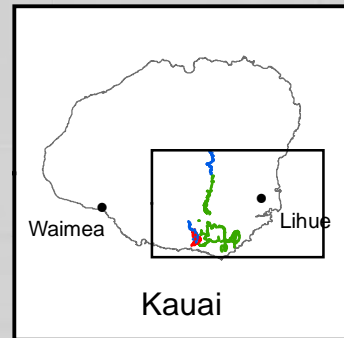


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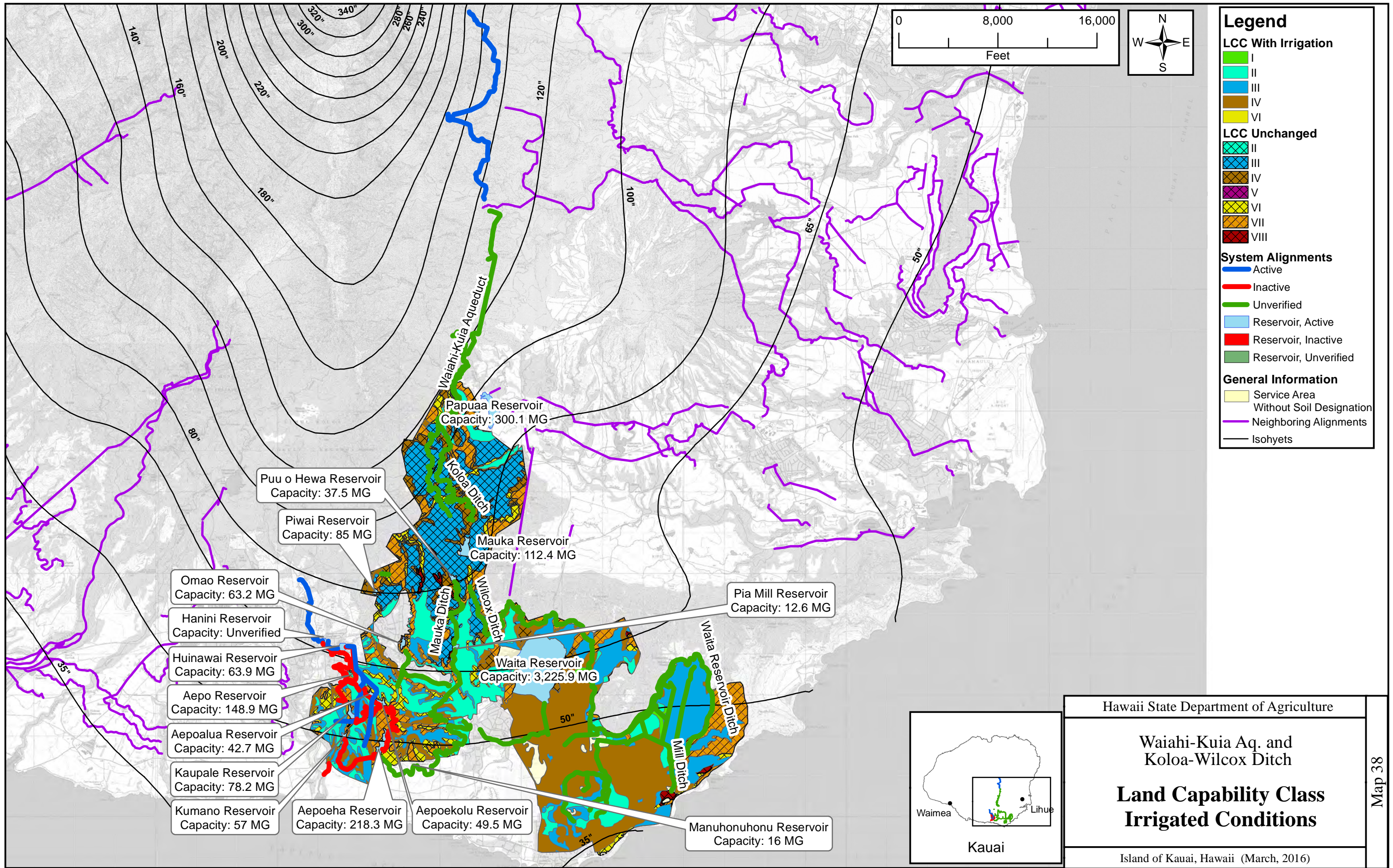
Waiahi-Kuia Aq. and Koloa-Wilcox Ditch

Land Capability Class Non-Irrigated Conditions

Island of Kauai, Hawaii (March, 2016)



NAD 83, UTM Zone 4N

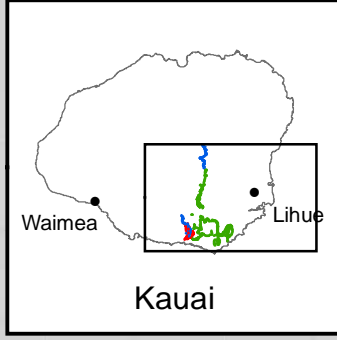


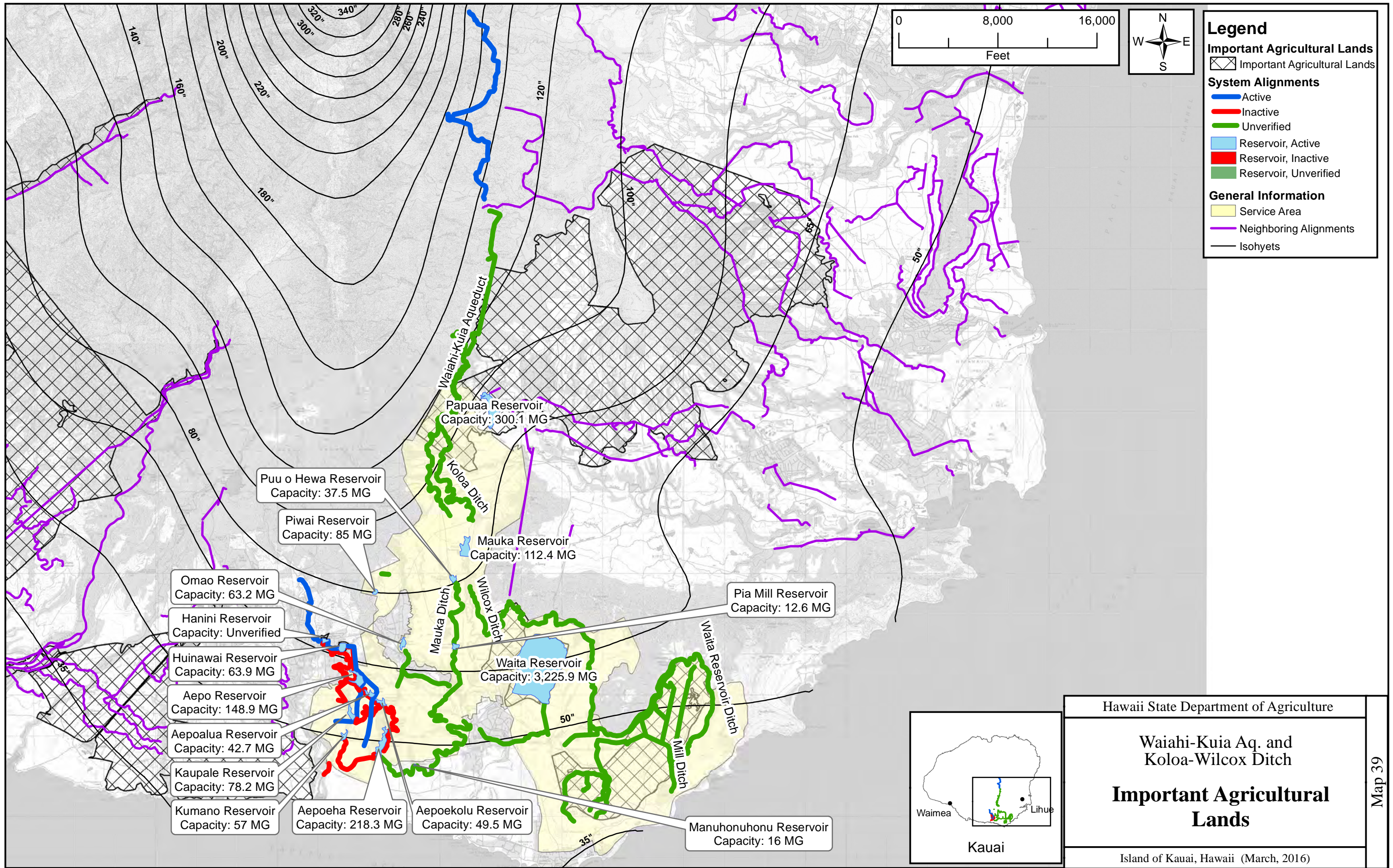
Hawaii State Department of Agriculture

Waiahi-Kuia Aq. and Koloa-Wilcox Ditch

Land Capability Class Irrigated Conditions

Island of Kauai, Hawaii (March, 2016)





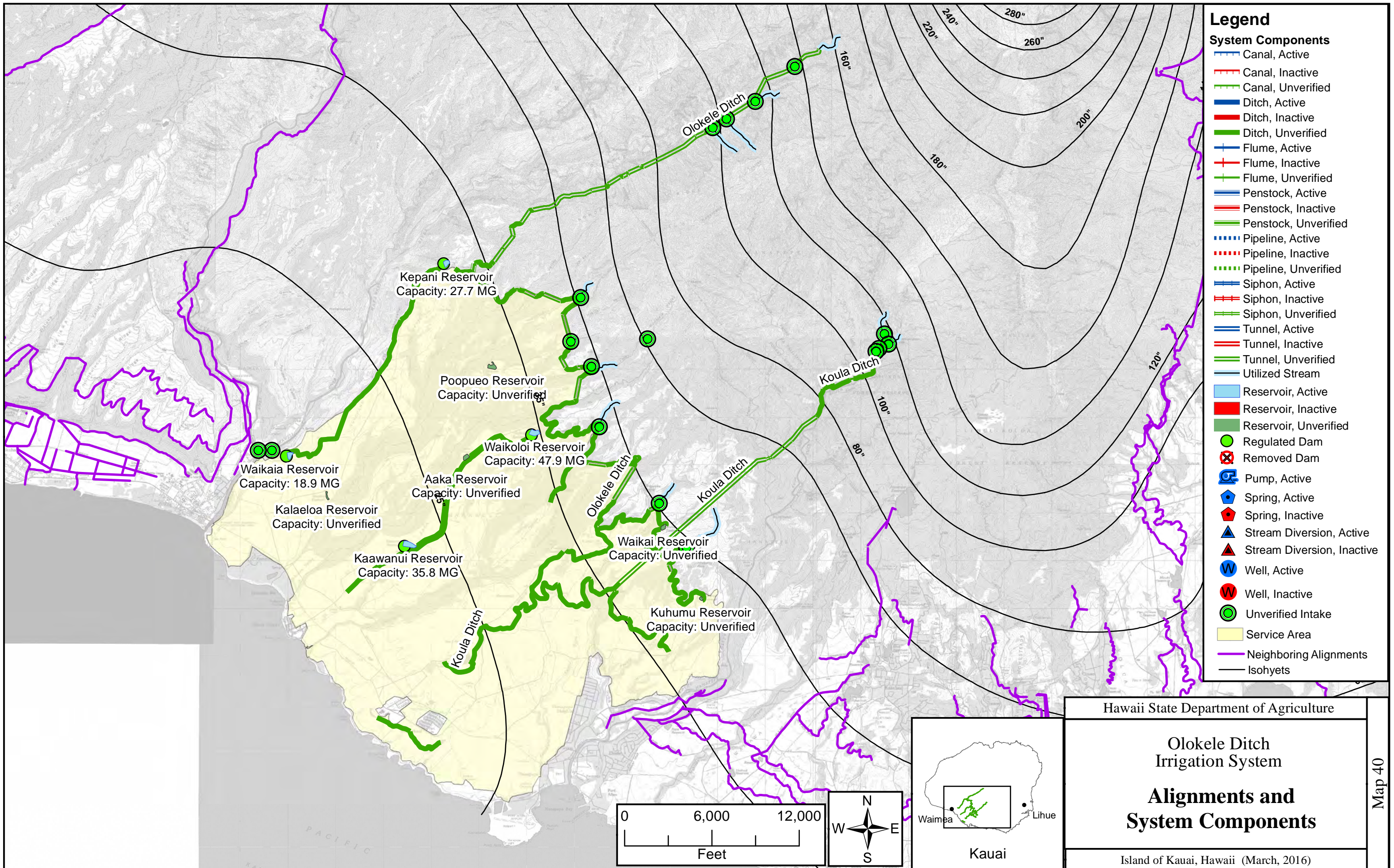
Hawaii State Department of Agriculture

Waiahi-Kuia Aq. and Koloa-Wilcox Ditch

Important Agricultural Lands

Island of Kauai, Hawaii (March, 2016)

Map 39



- 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
 - Siphon, Active
 - Siphon, Inactive
 - Siphon, Unverified
 - Tunnel, Active
 - Tunnel, Inactive
 - Tunnel, Unverified
 - Utilized Stream
 - Reservoir, Active
 - Reservoir, Inactive
 - Reservoir, Unverified
 - Regulated Dam
 - Removed Dam
 - Pump, Active
 - Spring, Active
 - Spring, Inactive
 - Stream Diversion, Active
 - Stream Diversion, Inactive
 - Well, Active
 - Well, Inactive
 - Unverified Intake
 - Service Area
 - Neighboring Alignments
 - Isohyets

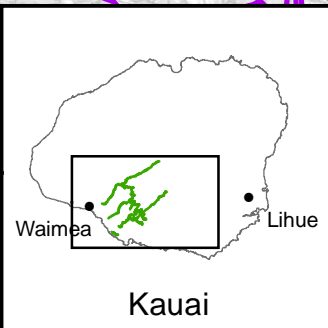
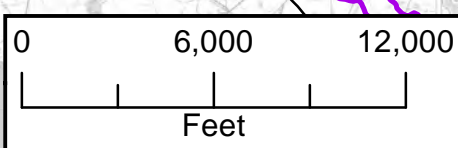
Hawaii State Department of Agriculture

Olokele Ditch
Irrigation System

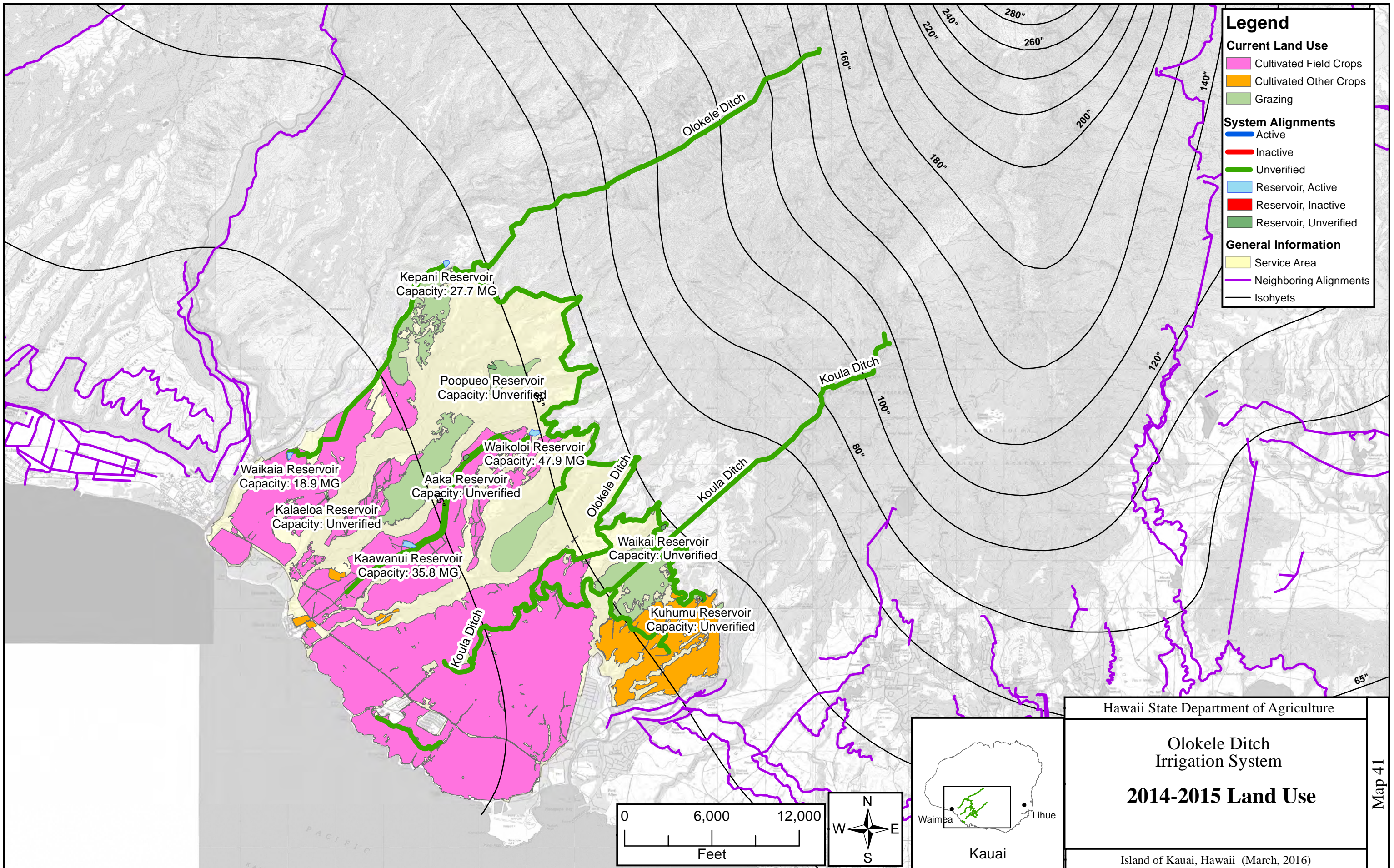
**Alignments and
System Components**

Island of Kauai, Hawaii (March, 2016)

Map 40



NAD 83, UTM Zone 4N

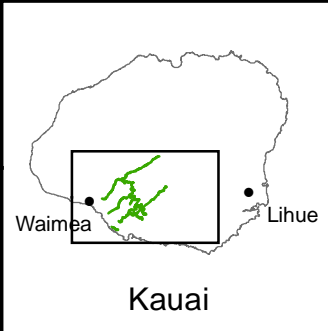


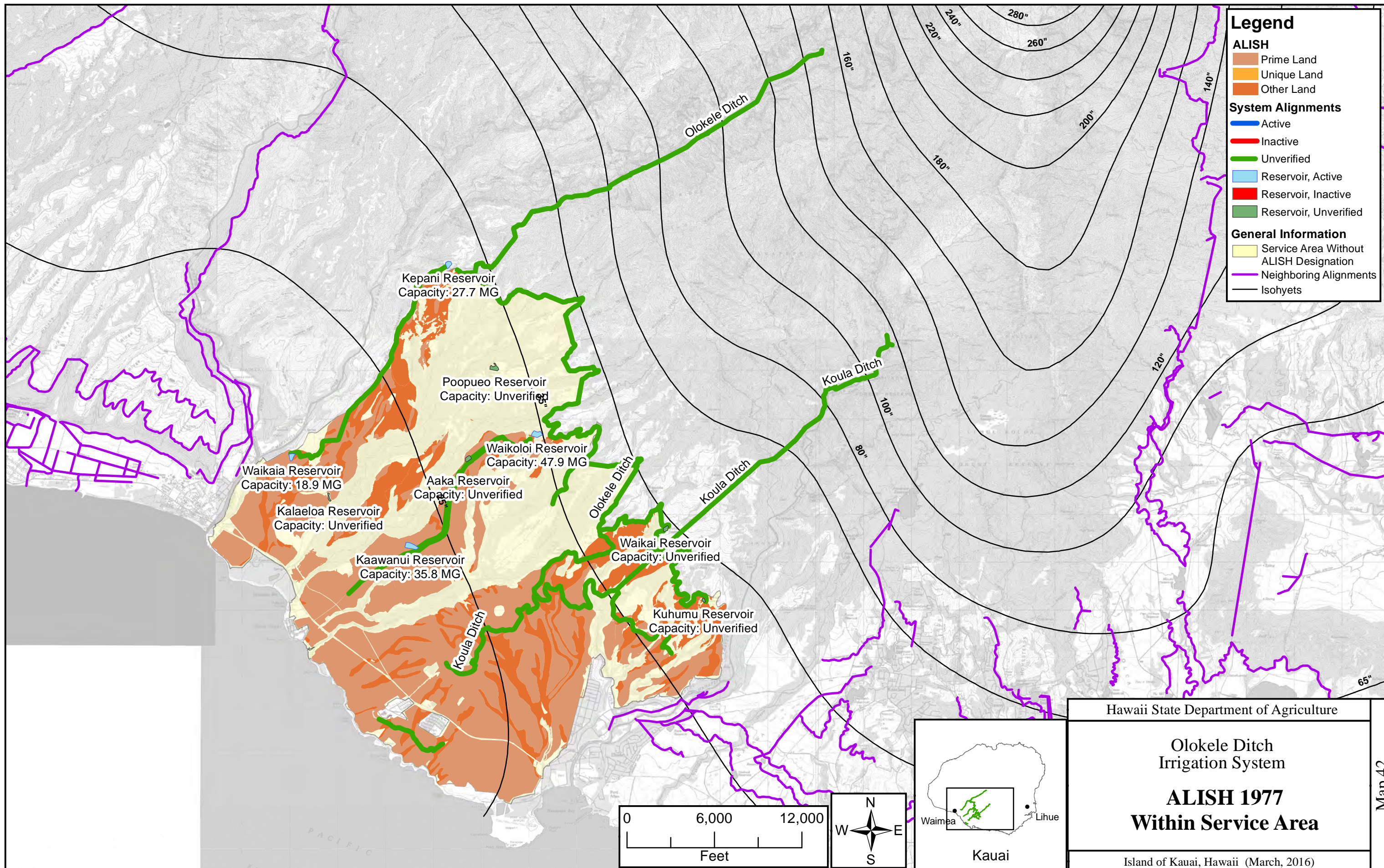
Hawaii State Department of Agriculture

Olokele Ditch
Irrigation System

2014-2015 Land Use

Island of Kauai, Hawaii (March, 2016)





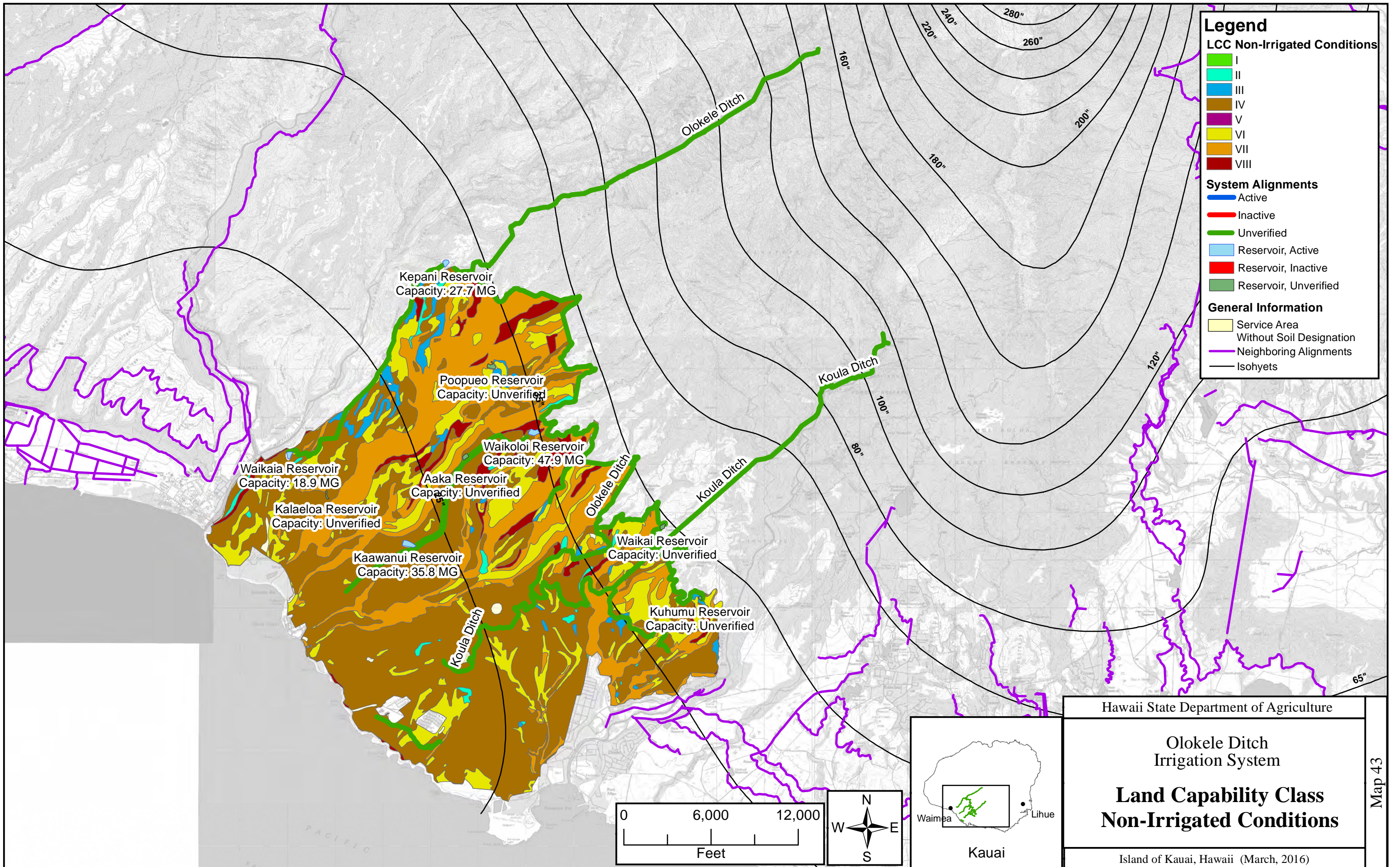
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Olokele Ditch
Irrigation System

ALISH 1977
Within Service Area

Island of Kauai, Hawaii (March, 2016)

Map 42

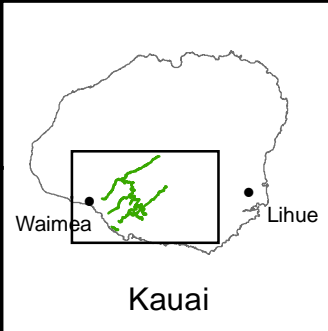


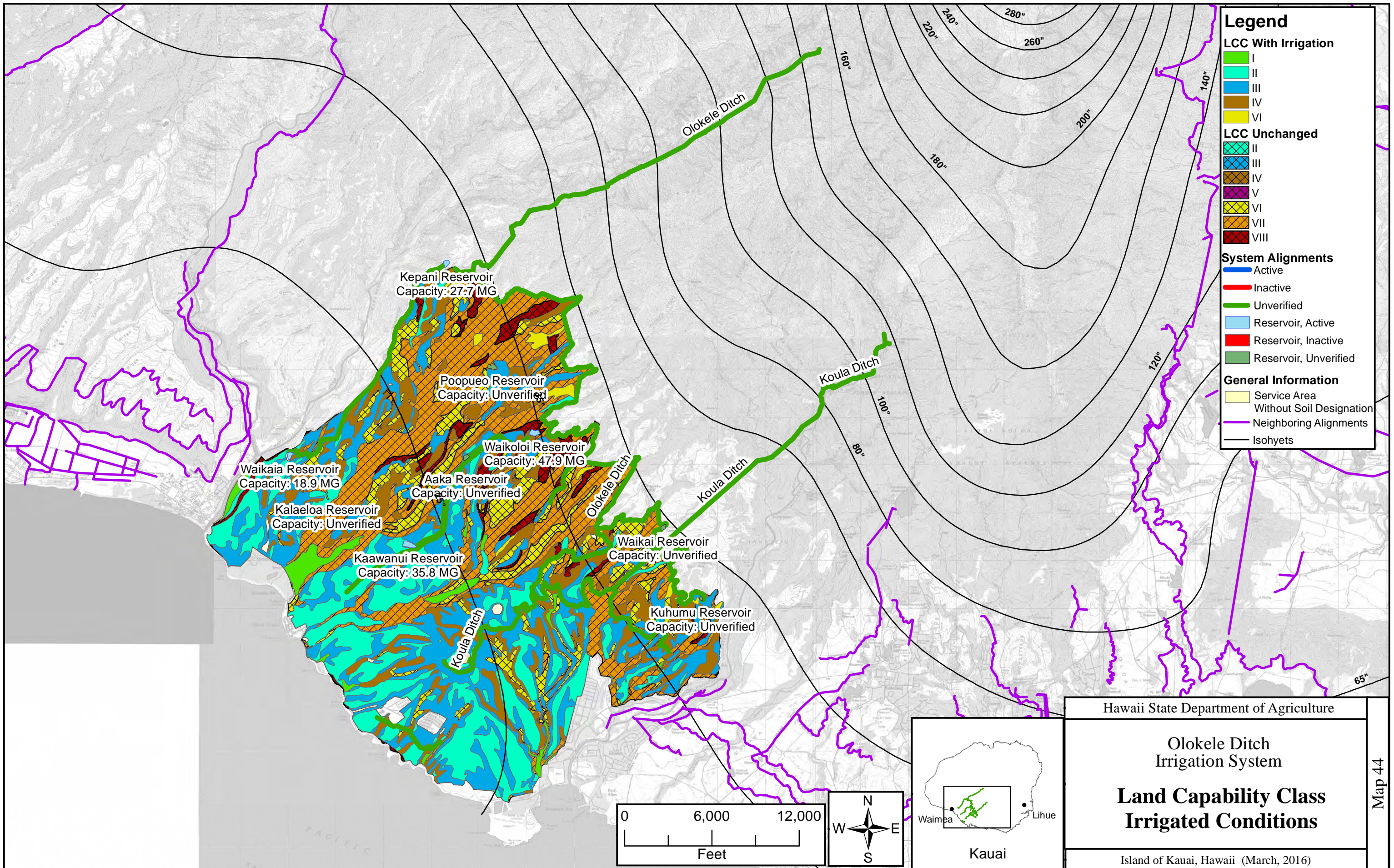
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Olokele Ditch
Irrigation System

**Land Capability Class
Non-Irrigated Conditions**

Island of Kauai, Hawaii (March, 2016)





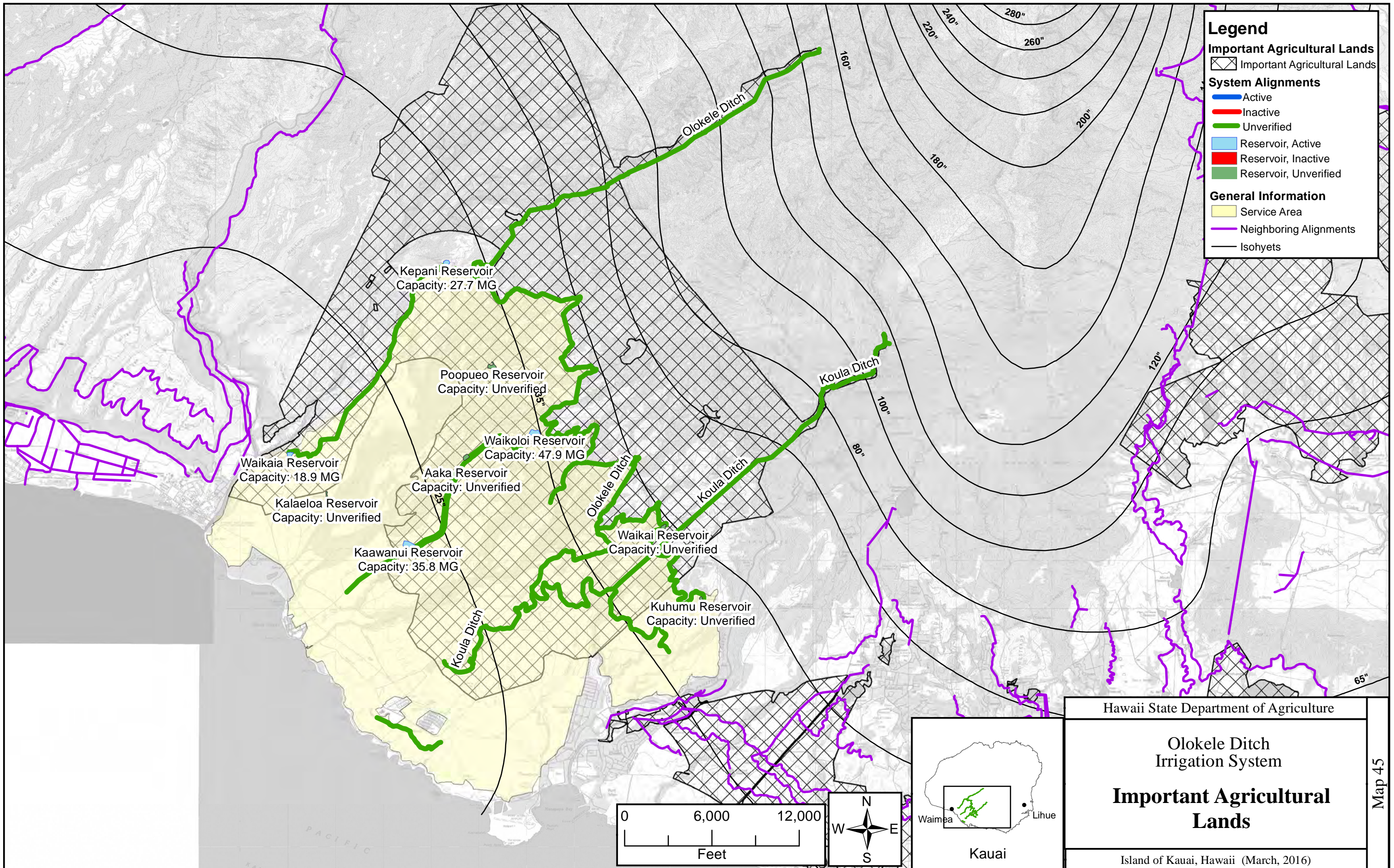
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Olokele Ditch
Irrigation System

**Land Capability Class
Irrigated Conditions**

Island of Kauai, Hawaii (March, 2016)

Map 44



Hawaii State Department of Agriculture

Olokele Ditch
Irrigation System

**Important Agricultural
Lands**

Island of Kauai, Hawaii (March, 2016)