

Legend

General Information

- Service Area
- Neighboring Alignments
- Isohyets

Legend

System Components

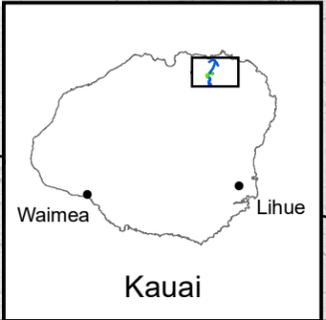
- Canal, Active
- Canal, Inactive
- Canal, Unverified
- Ditch, Active
- Ditch, Inactive
- Ditch, Unverified
- Flume, Active
- Flume, Inactive
- Flume, Unverified
- Penstock, Active
- Penstock, Inactive
- Penstock, Unverified
- Pipeline, Active
- Pipeline, Inactive
- Pipeline, Unverified
- Siphon, Active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

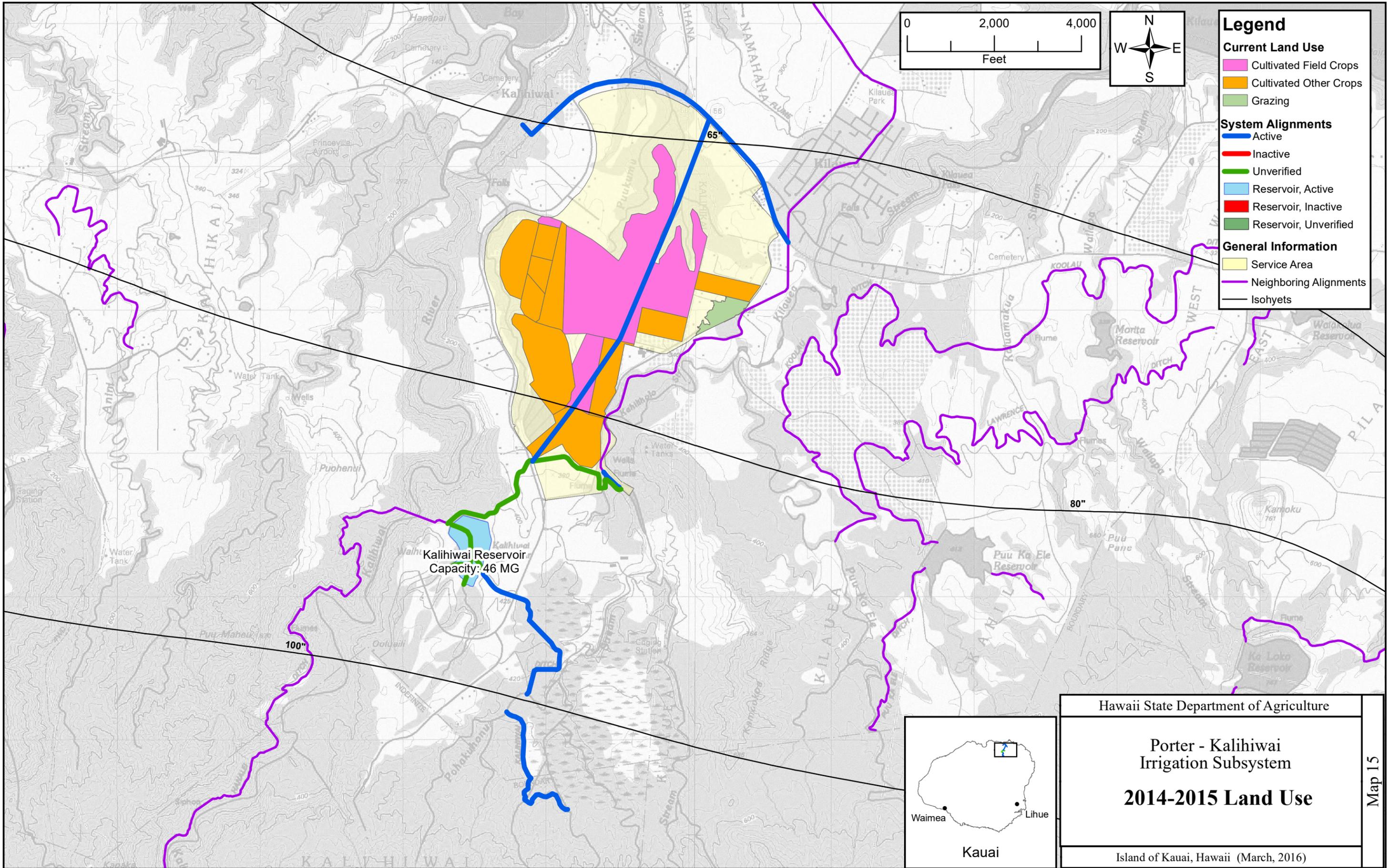
Hawaii State Department of Agriculture

Porter - Kalihiwai
Irrigation Subsystem

**Alignments and
System Components**

Island of Kauai, Hawaii (March, 2016)





Legend

Current Land Use

- Cultivated Field Crops
- Cultivated Other Crops
- Grazing

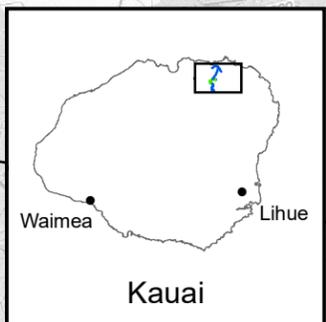
System Alignments

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

General Information

- Service Area
- Neighboring Alignments
- Isohyets

Kalihiwai Reservoir
Capacity: 46 MG



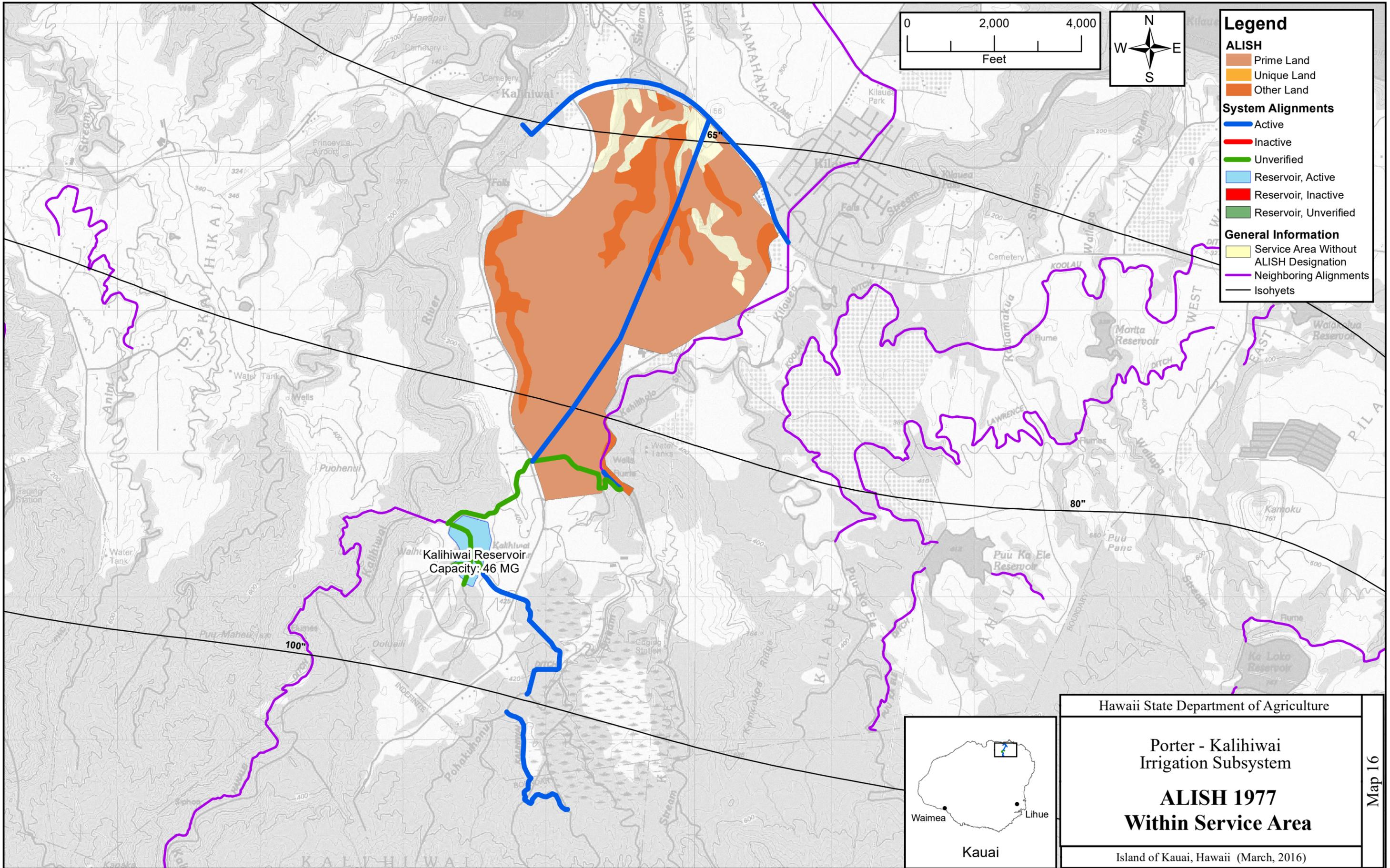
Hawaii State Department of Agriculture

Porter - Kalihiwai
Irrigation Subsystem

2014-2015 Land Use

Island of Kauai, Hawaii (March, 2016)

Map 15



Legend

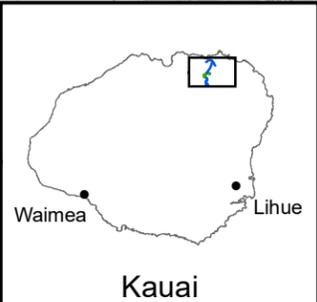
- ALISH**
 - Prime Land
 - Unique Land
 - Other Land
- System Alignments**
 - Active
 - Inactive
 - Unverified
 - Reservoir, Active
 - Reservoir, Inactive
 - Reservoir, Unverified
- General Information**
 - Service Area Without ALISH Designation
 - Neighboring Alignments
 - Isohyets

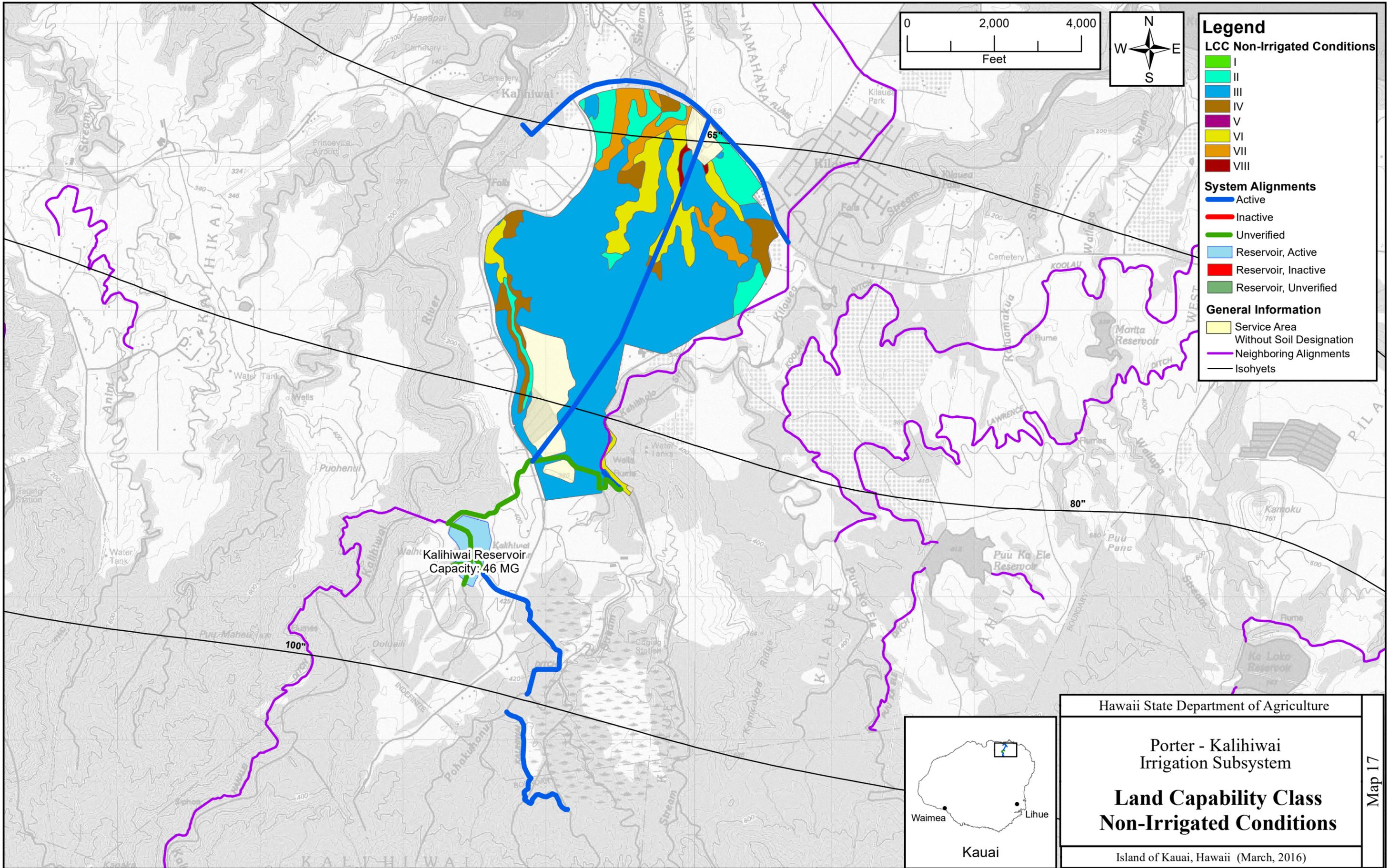
Hawaii State Department of Agriculture

Porter - Kalihiwai
Irrigation Subsystem

ALISH 1977
Within Service Area

Island of Kauai, Hawaii (March, 2016)





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

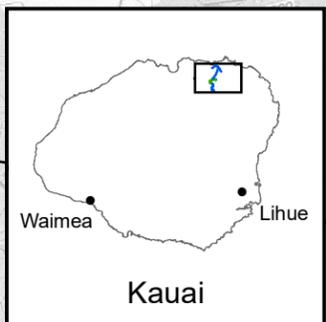
Kalihiwai Reservoir
Capacity: 46 MG

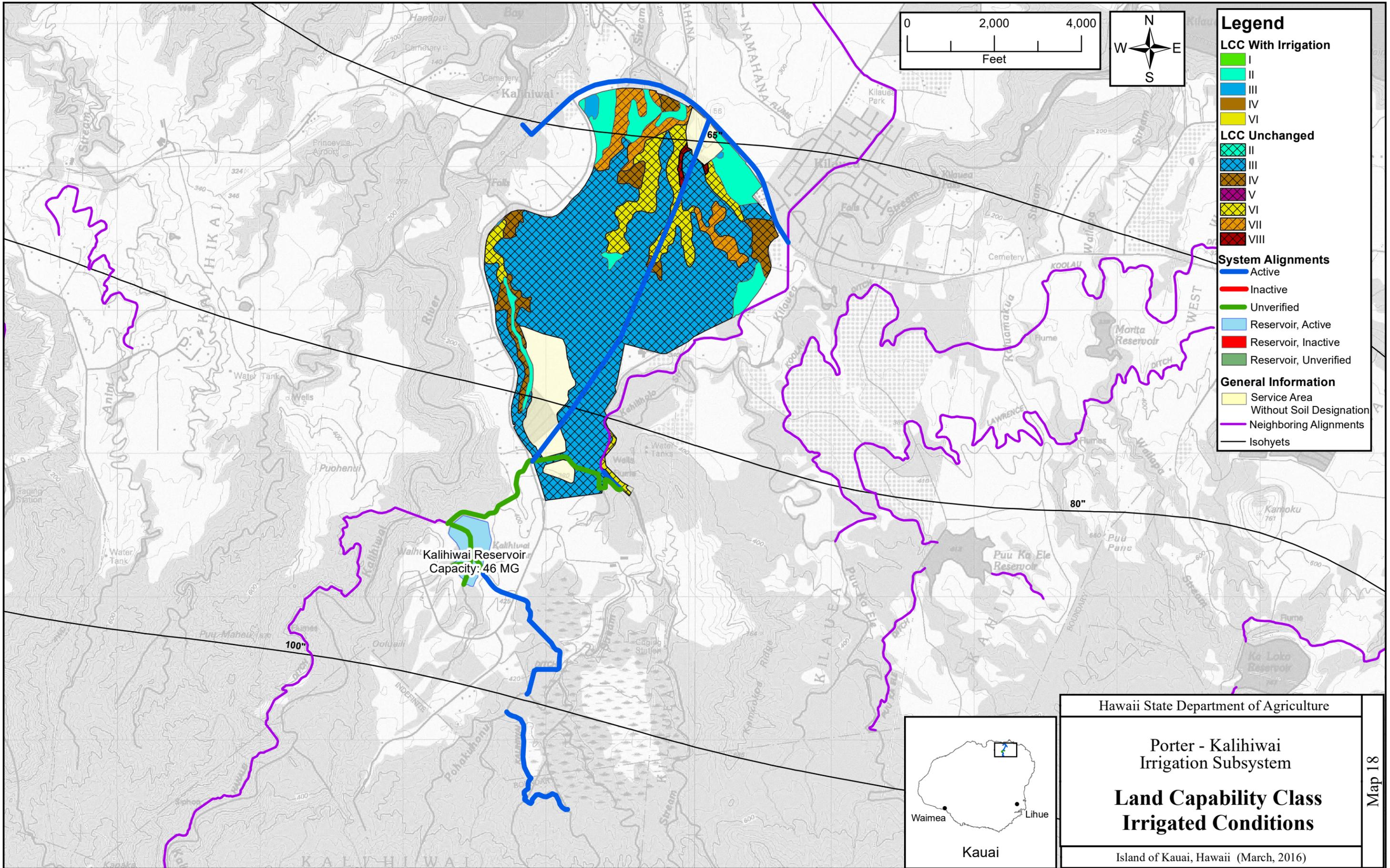
Hawaii State Department of Agriculture

Porter - Kalihiwai
Irrigation Subsystem

**Land Capability Class
Non-Irrigated Conditions**

Island of Kauai, Hawaii (March, 2016)





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

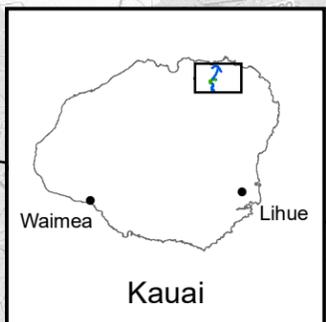
- Service Area Without Soil Designation
- Neighboring Alignments
- Isohyets

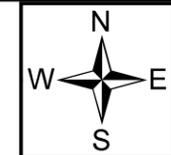
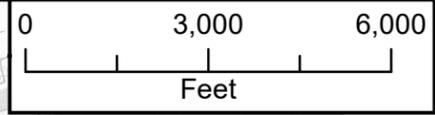
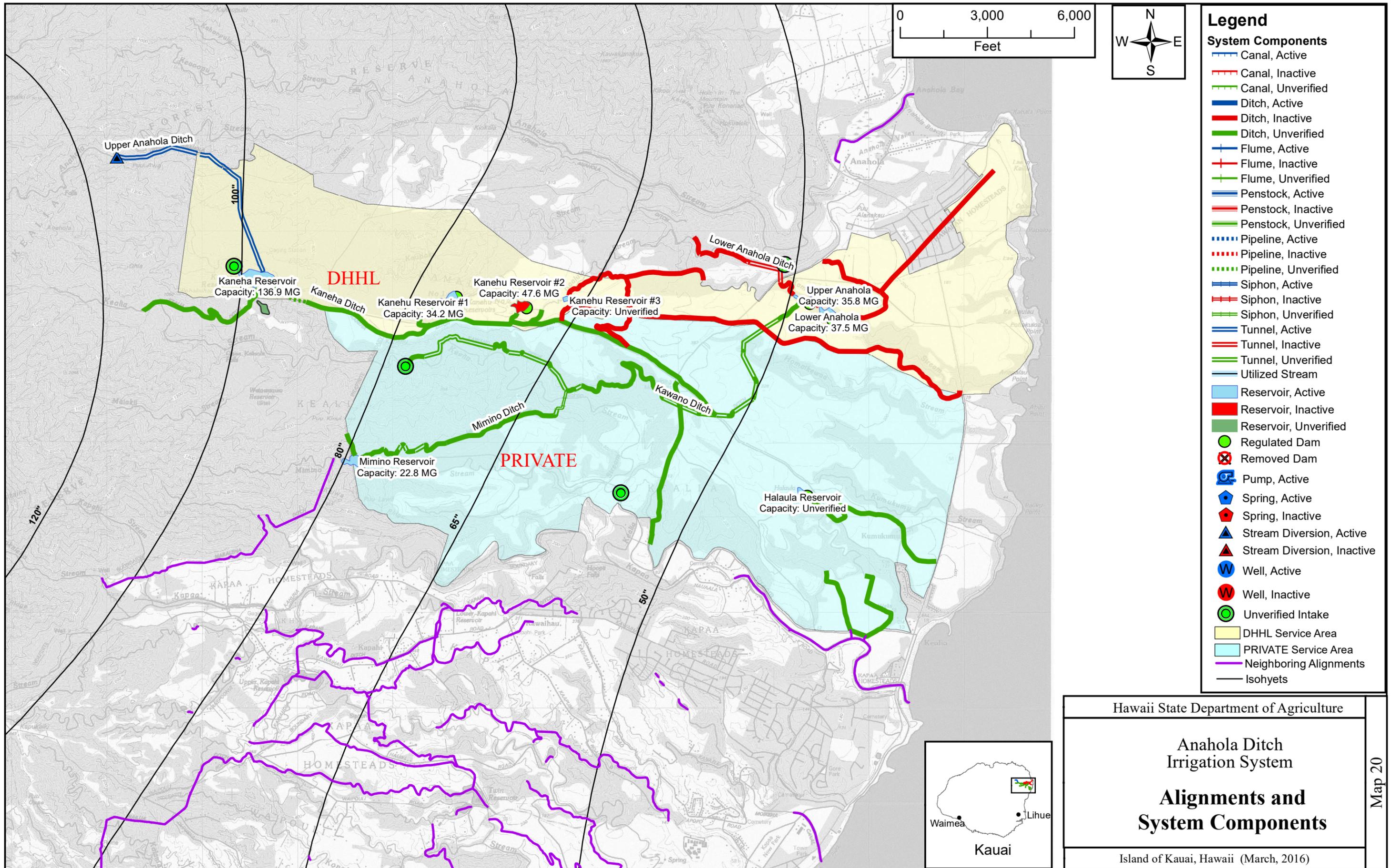
Hawaii State Department of Agriculture

Porter - Kalihiwai
Irrigation Subsystem

**Land Capability Class
Irrigated Conditions**

Island of Kauai, Hawaii (March, 2016)





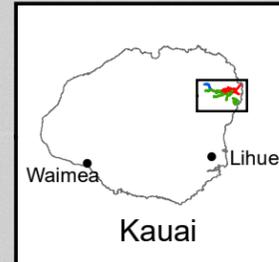
- ### Legend
- #### System Components
- Canal, Active
 - Canal, Inactive
 - Canal, Unverified
 - Ditch, Active
 - Ditch, Inactive
 - Ditch, Unverified
 - + Flume, Active
 - + Flume, Inactive
 - + Flume, Unverified
 - Penstock, Active
 - Penstock, Inactive
 - Penstock, Unverified
 - Pipeline, Active
 - 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
 - DHHL Service Area
 - PRIVATE Service Area
 - Neighboring Alignments
 - Isohyets

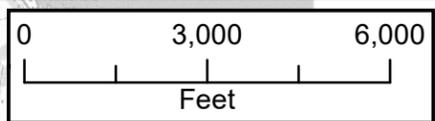
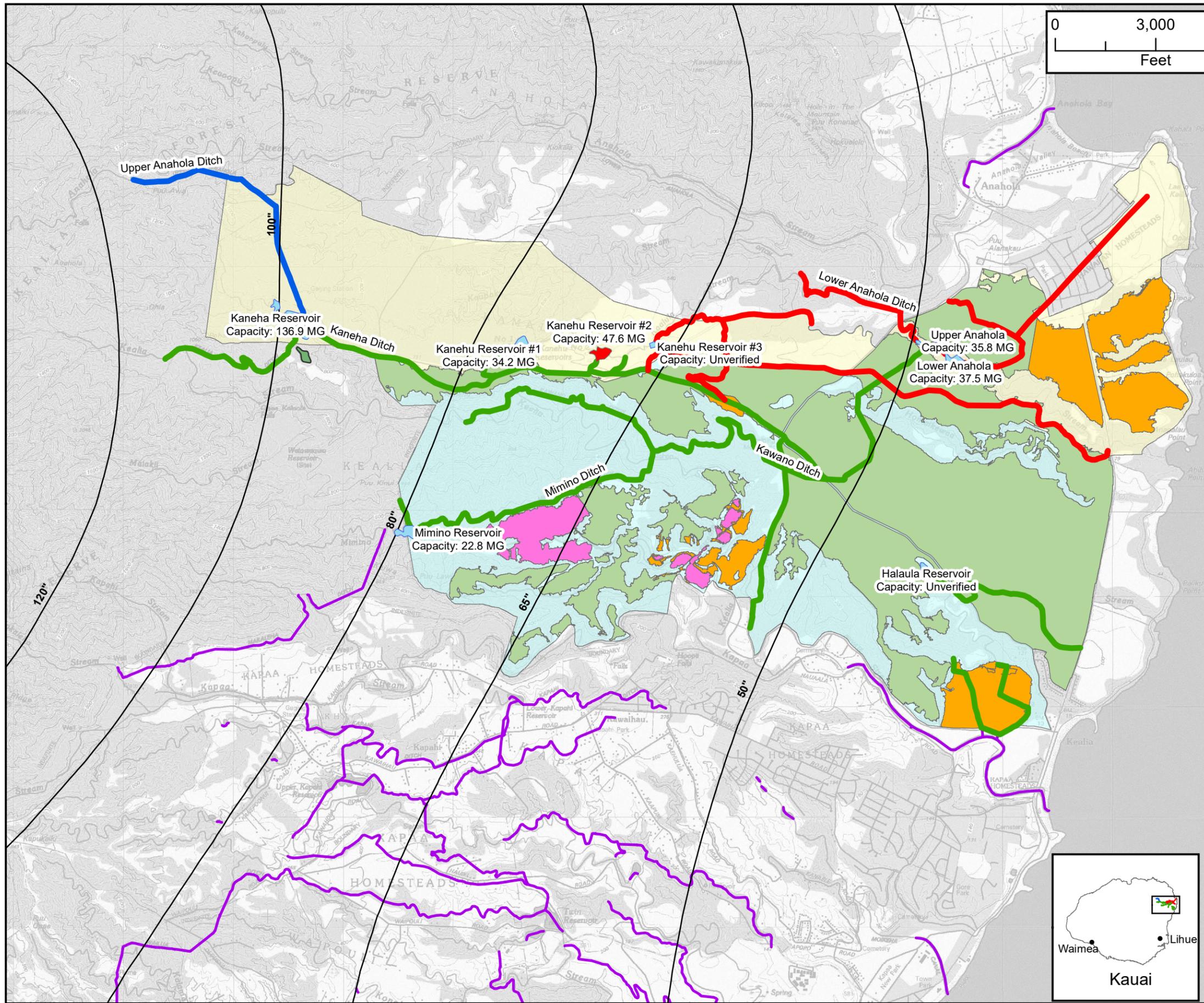
Hawaii State Department of Agriculture

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

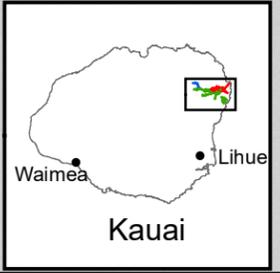
- DHHL Service Area
- PRIVATE Service Area
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

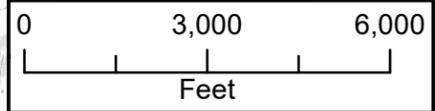
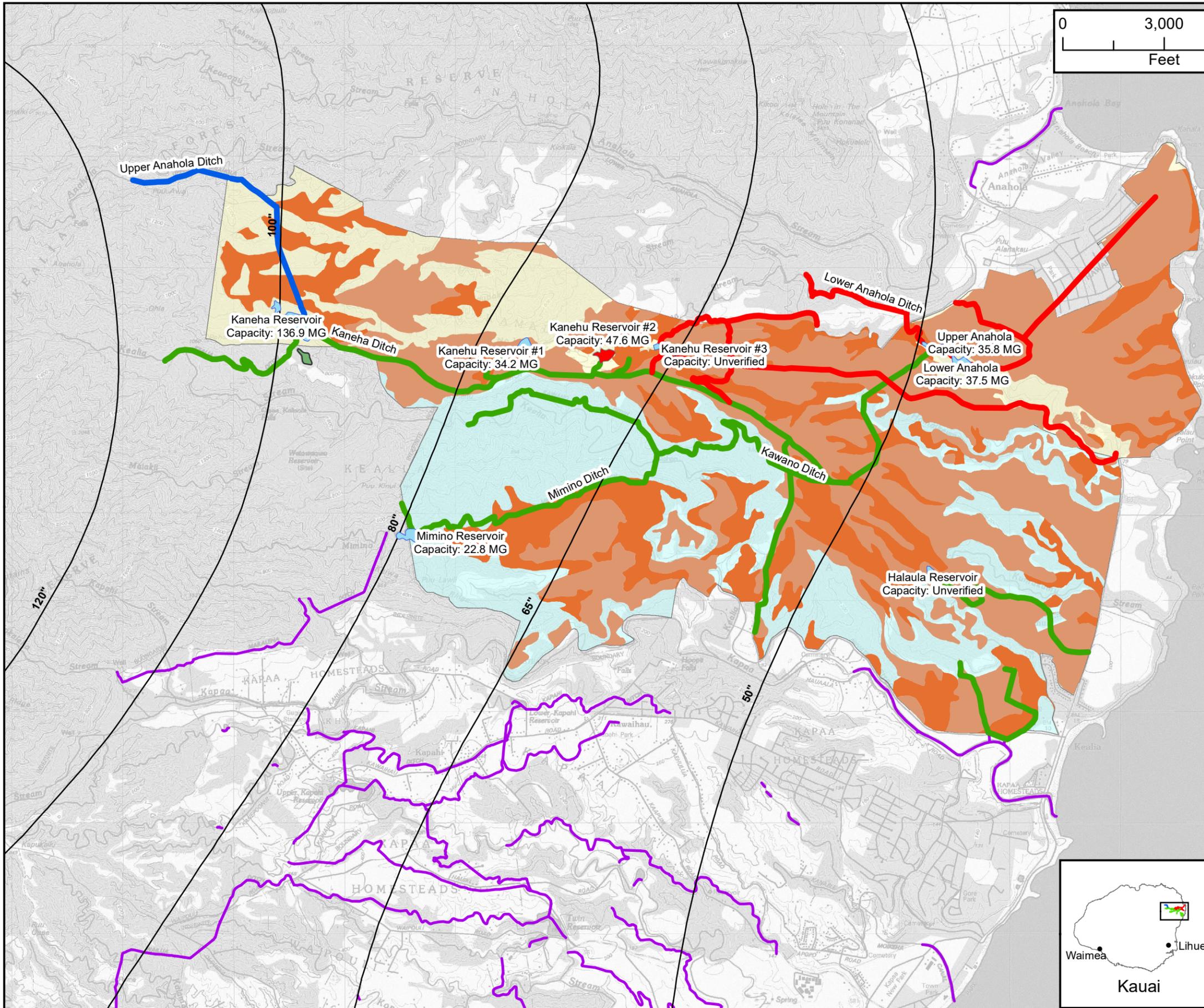
Anahola Ditch Irrigation System

2014-2015 Land Use

Island of Kauai, Hawaii (March, 2016)



Map 2 I



Legend

ALISH

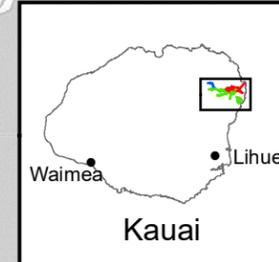
- Prime Land
- Unique Land
- Other Land

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



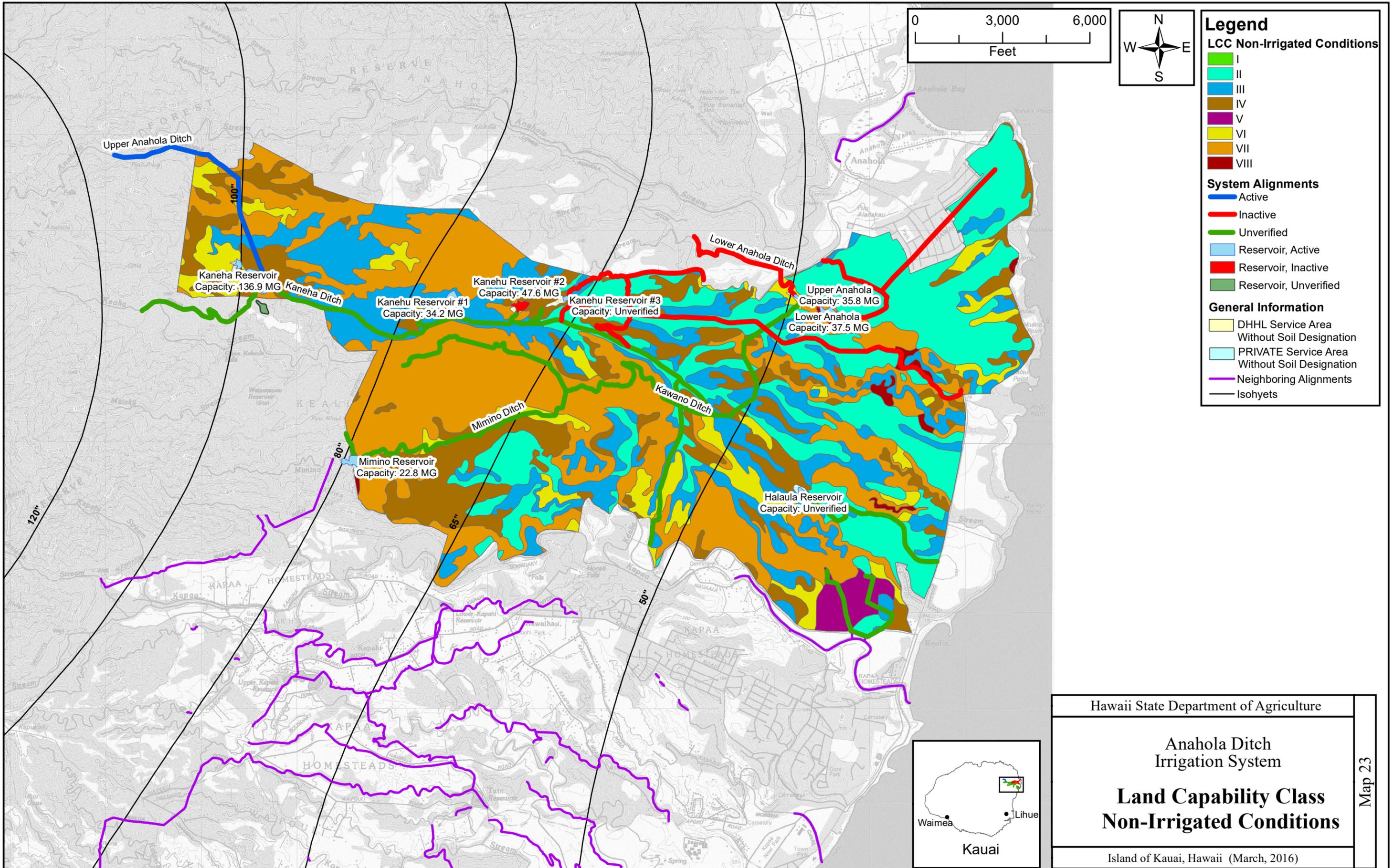
Hawaii State Department of Agriculture

Anahola Ditch
Irrigation System

ALISH 1977
Within Service Area

Island of Kauai, Hawaii (March, 2016)

Map 22



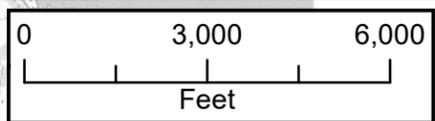
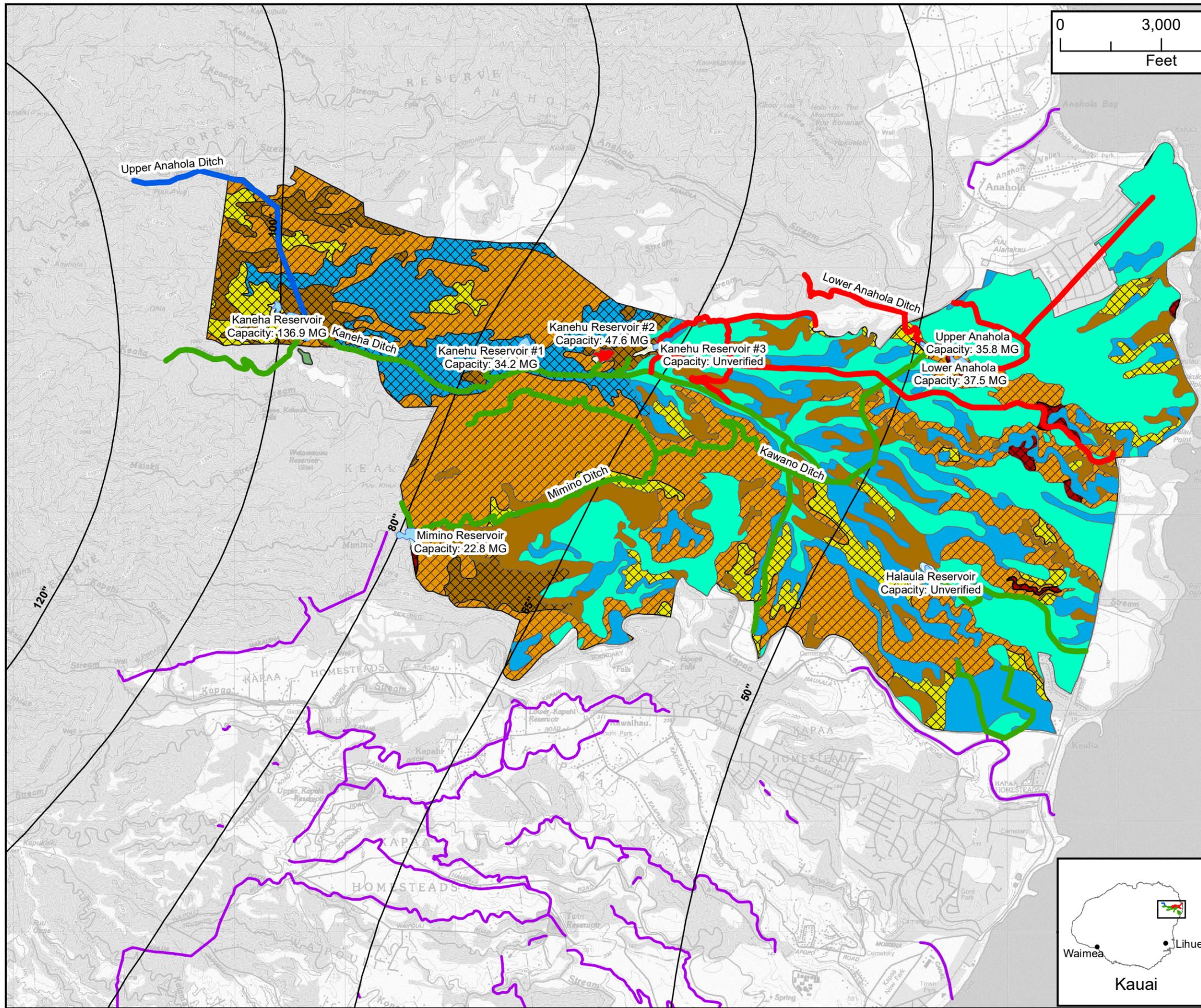
Hawaii State Department of Agriculture

Anahola Ditch
Irrigation System

**Land Capability Class
Non-Irrigated Conditions**

Island of Kauai, Hawaii (March, 2016)

Map 23



Legend

LCC With Irrigation

- I
- II
- III
- IV
- VI

LCC Unchanged

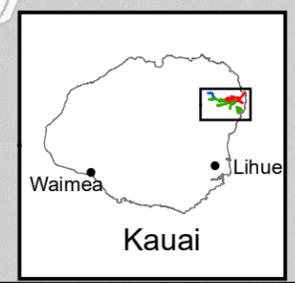
- II
- III
- IV
- V
- VI
- VII
- VIII

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

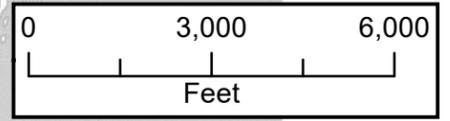
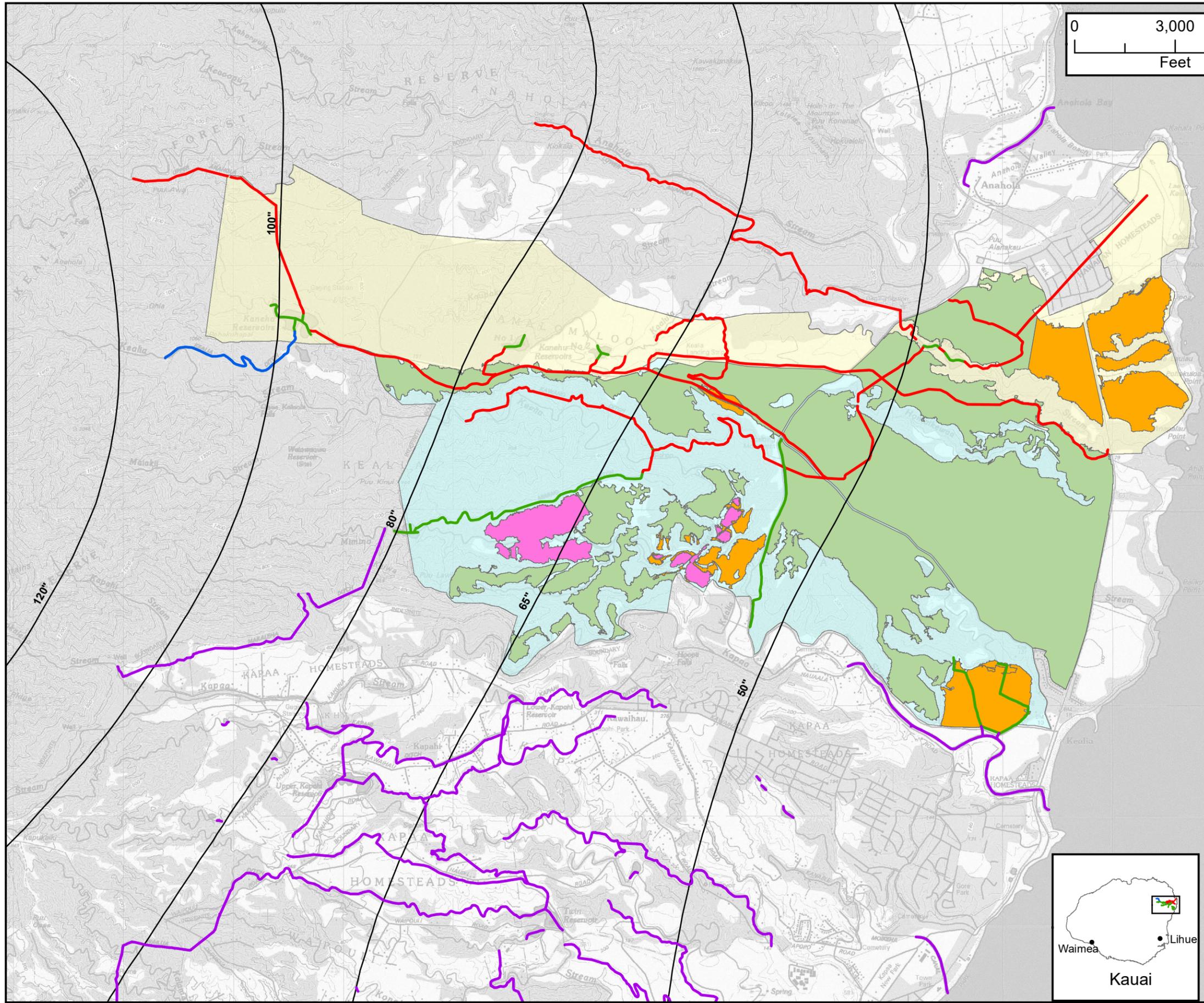


Hawaii State Department of Agriculture

Anahola Ditch
Irrigation System

**Land Capability Class
Irrigated Conditions**

Island of Kauai, Hawaii (March, 2016)



Legend

Current Land Use

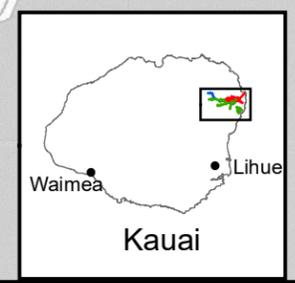
- Cultivated Field Crops
- Cultivated Other Crops
- Grazing

System Alignments

- Active
- Inactive
- Unknown

General Information

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



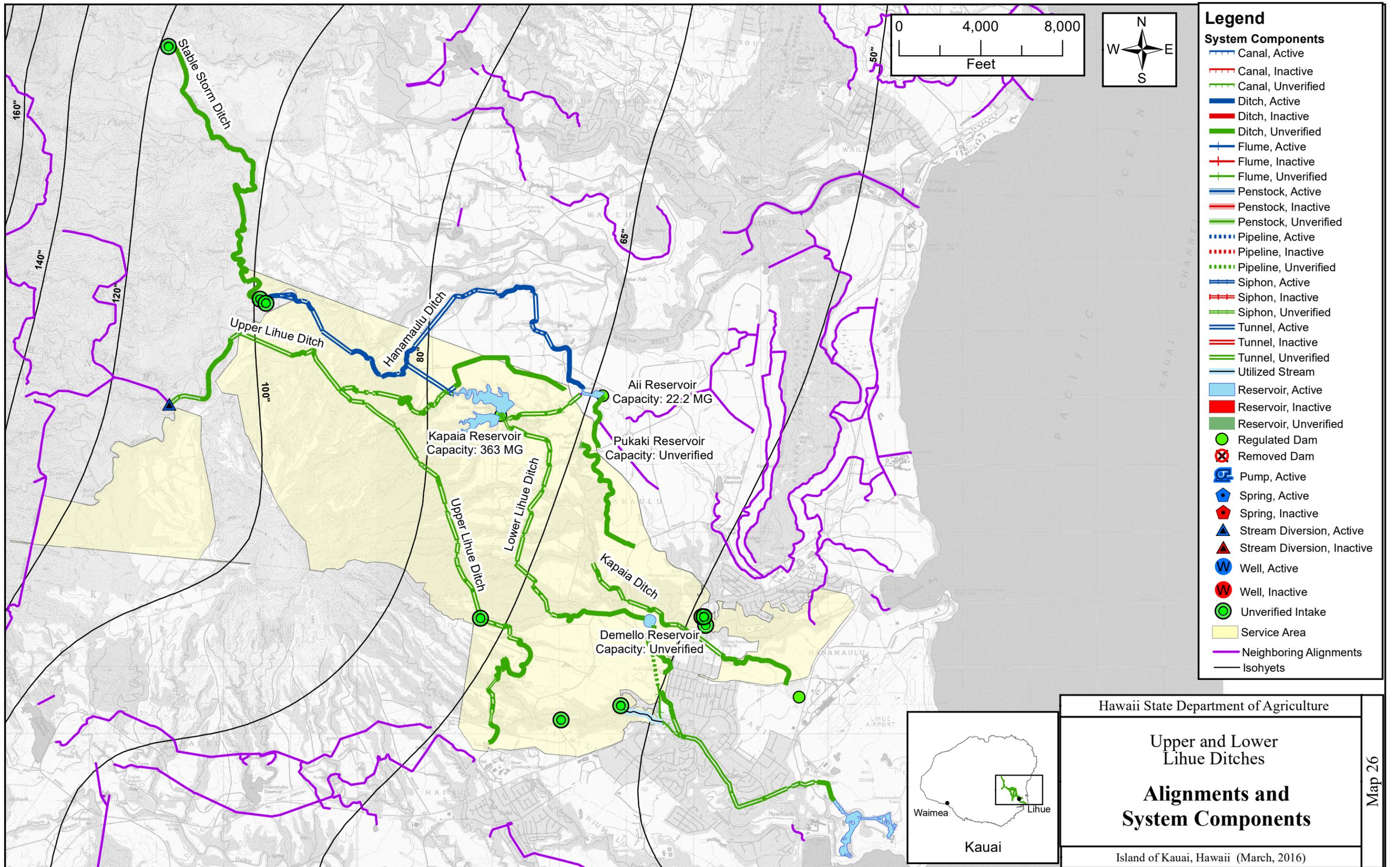
Hawaii State Department of Agriculture

Anahola Ditch
Irrigation System

**CWRM System Alignments
2014-2015 Land Use**

Alignment Data Provided By CWRM

Island of Kauai, Hawaii (2021)



NAD 83, UTM Zone 4N

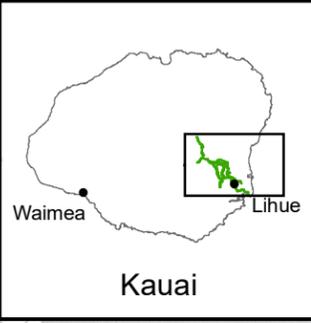
Hawaii State Department of Agriculture

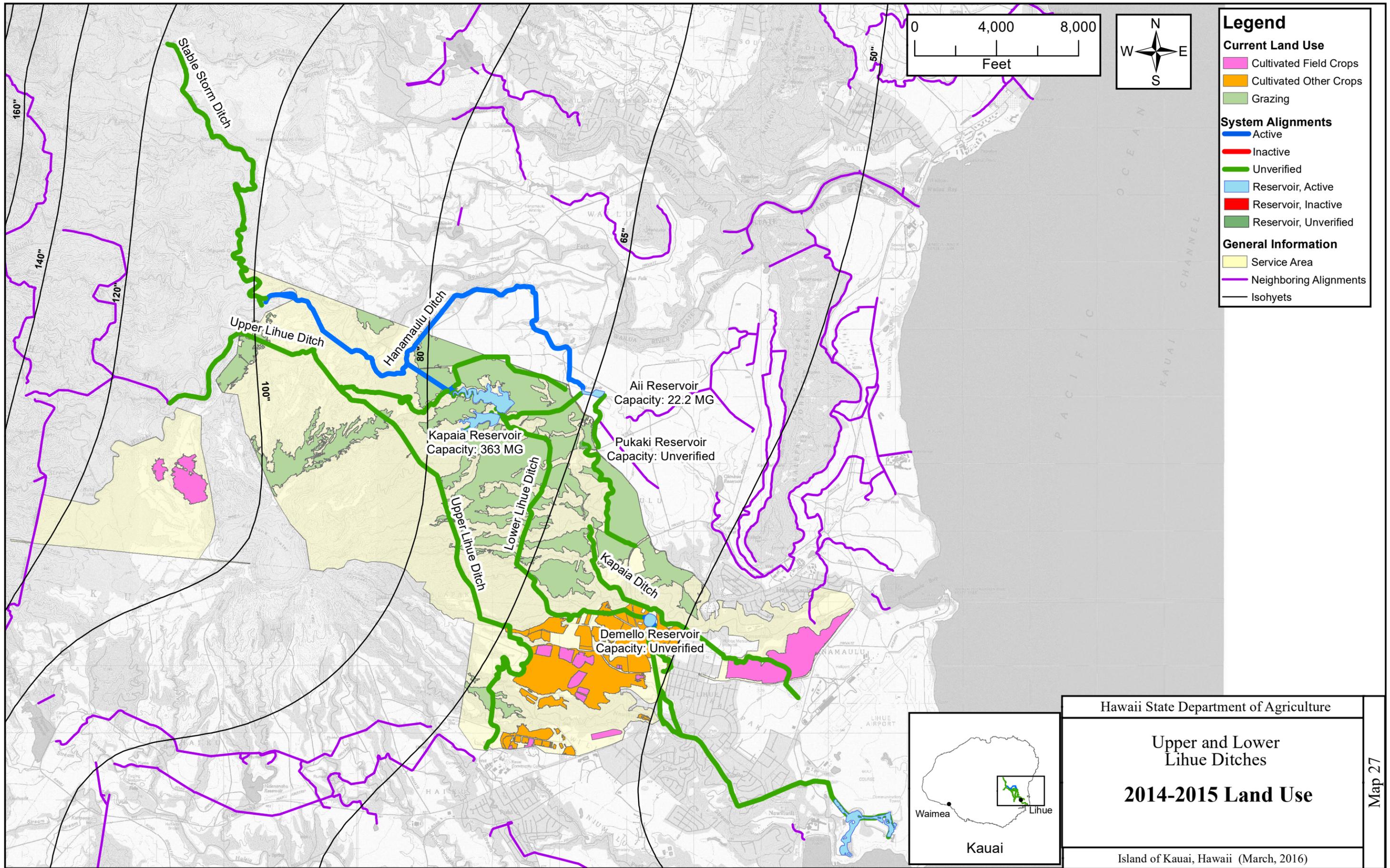
Upper and Lower Lihue Ditches

Alignments and System Components

Island of Kauai, Hawaii (March, 2016)

Map 26





Legend

Current Land Use

- Cultivated Field Crops
- Cultivated Other Crops
- Grazing

System Alignments

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

General Information

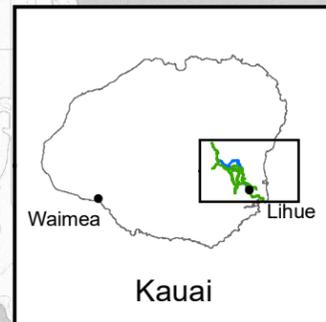
- Service Area
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

Upper and Lower Lihue Ditches

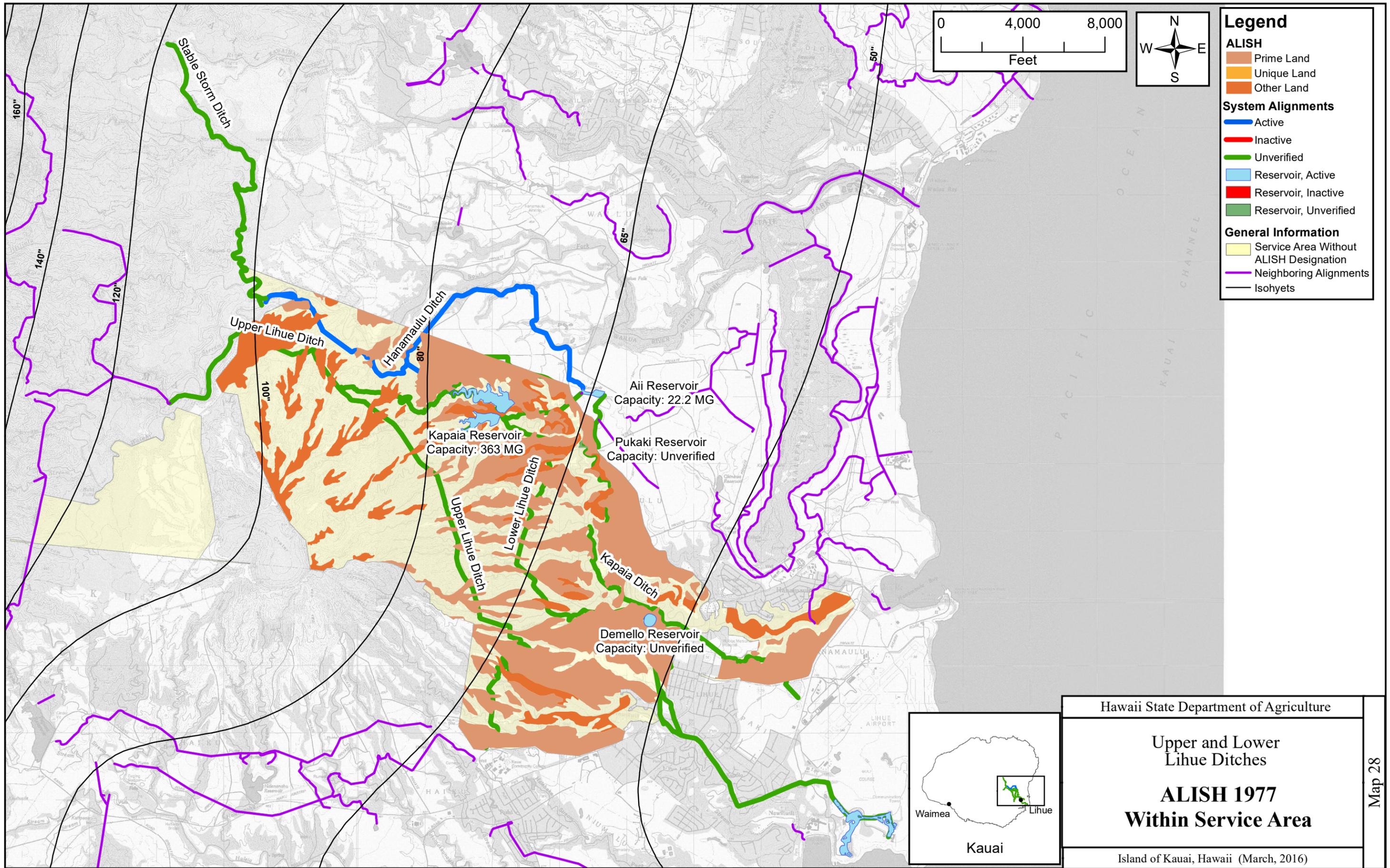
2014-2015 Land Use

Island of Kauai, Hawaii (March, 2016)



Map 27

NAD 83, UTM Zone 4N



Hawaii State Department of Agriculture

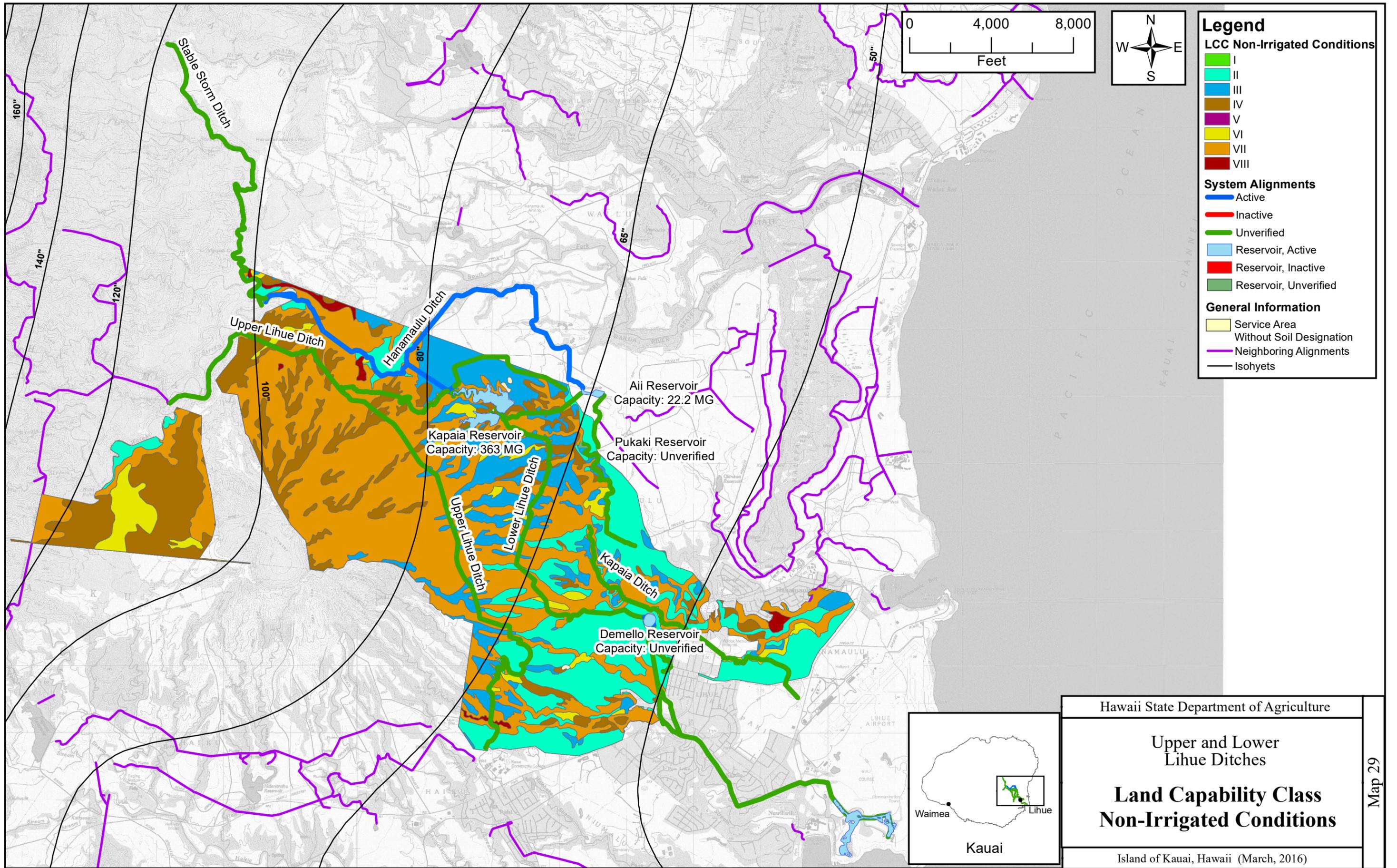
Upper and Lower Lihue Ditches

ALISH 1977

Within Service Area

Island of Kauai, Hawaii (March, 2016)

Map 28



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

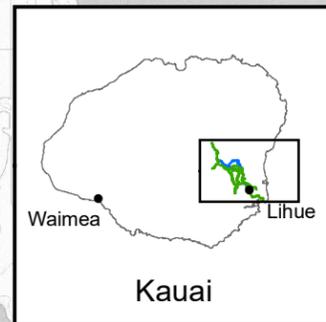
Hawaii State Department of Agriculture

Upper and Lower Lihue Ditches

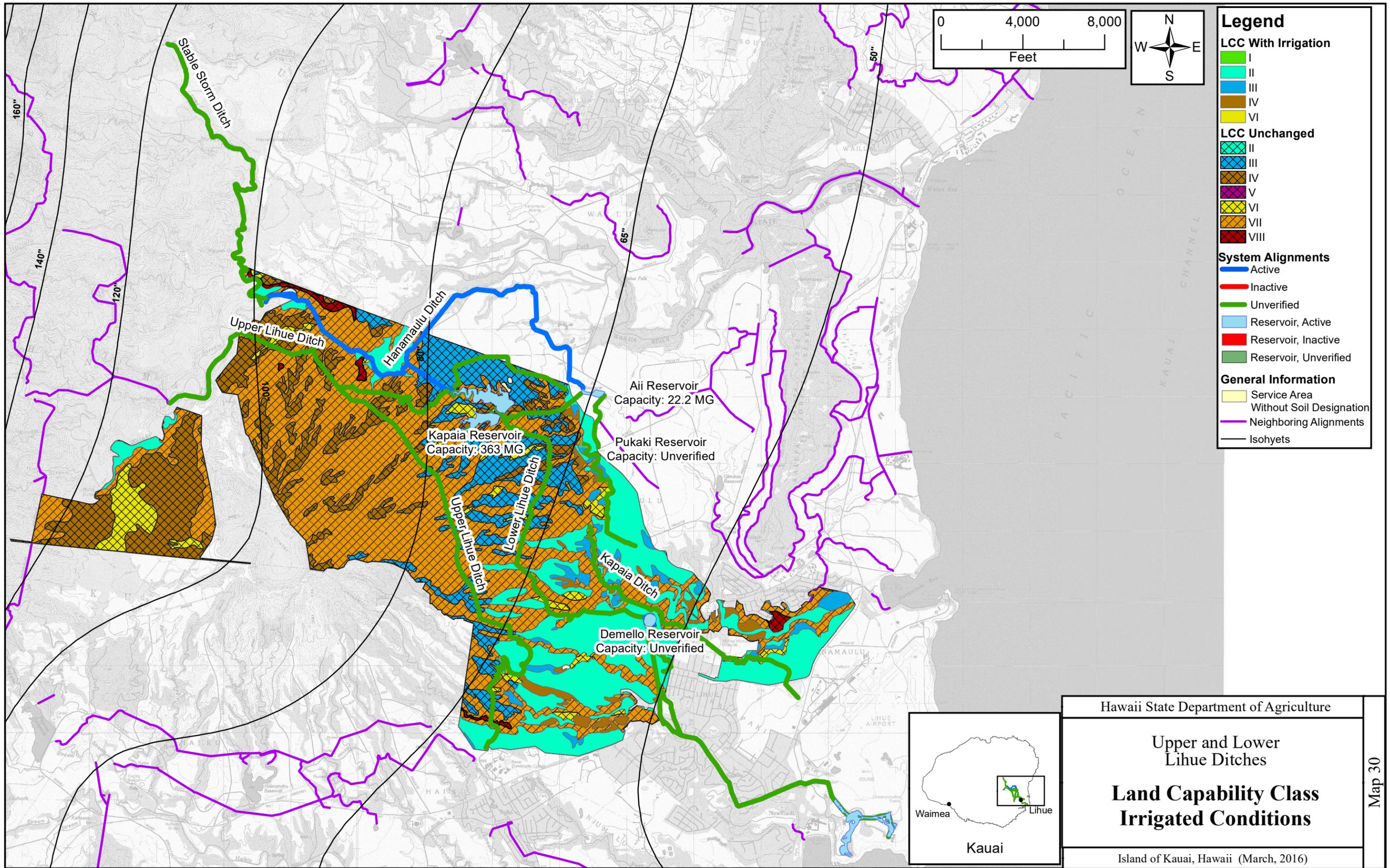
Land Capability Class Non-Irrigated Conditions

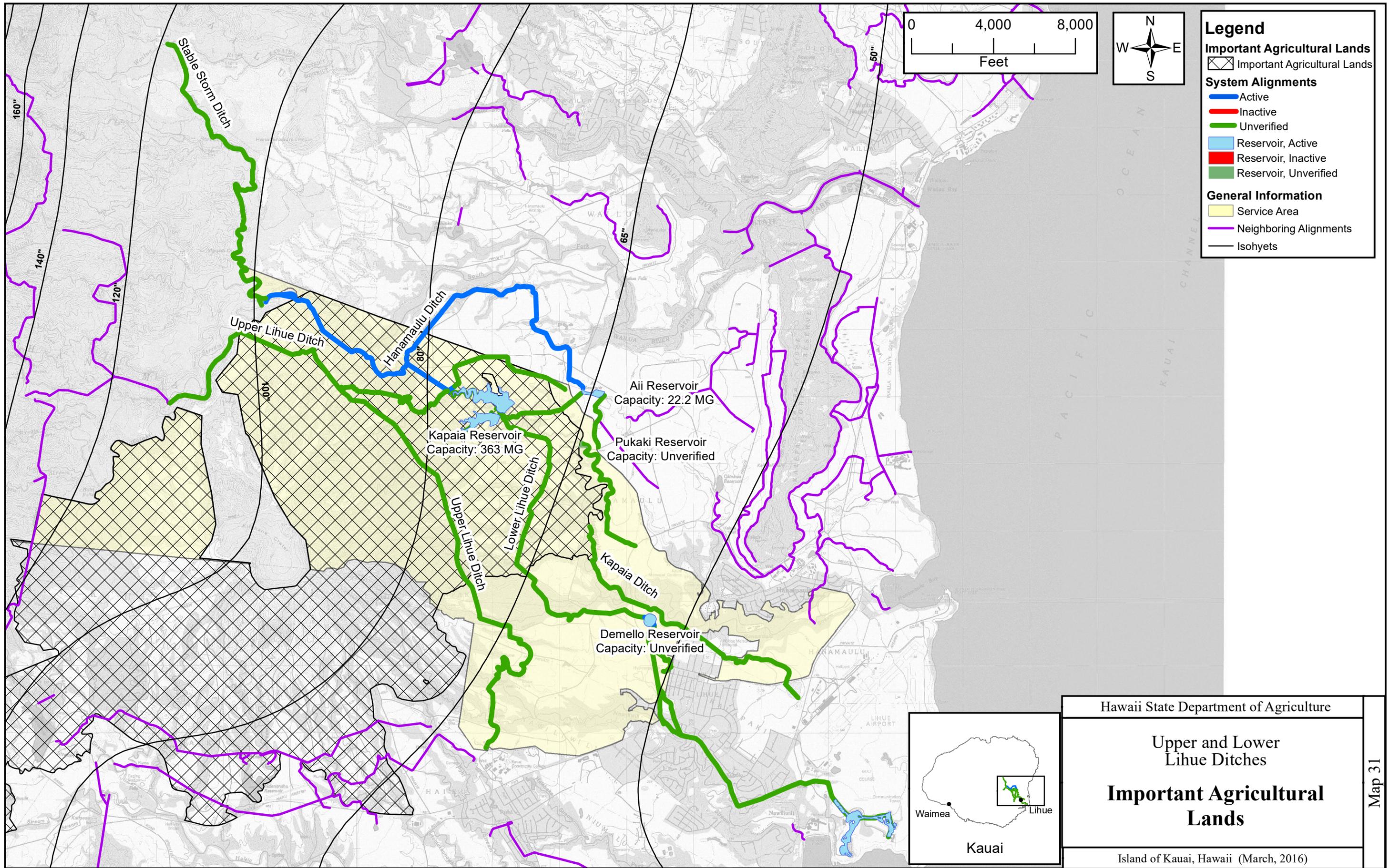
Island of Kauai, Hawaii (March, 2016)

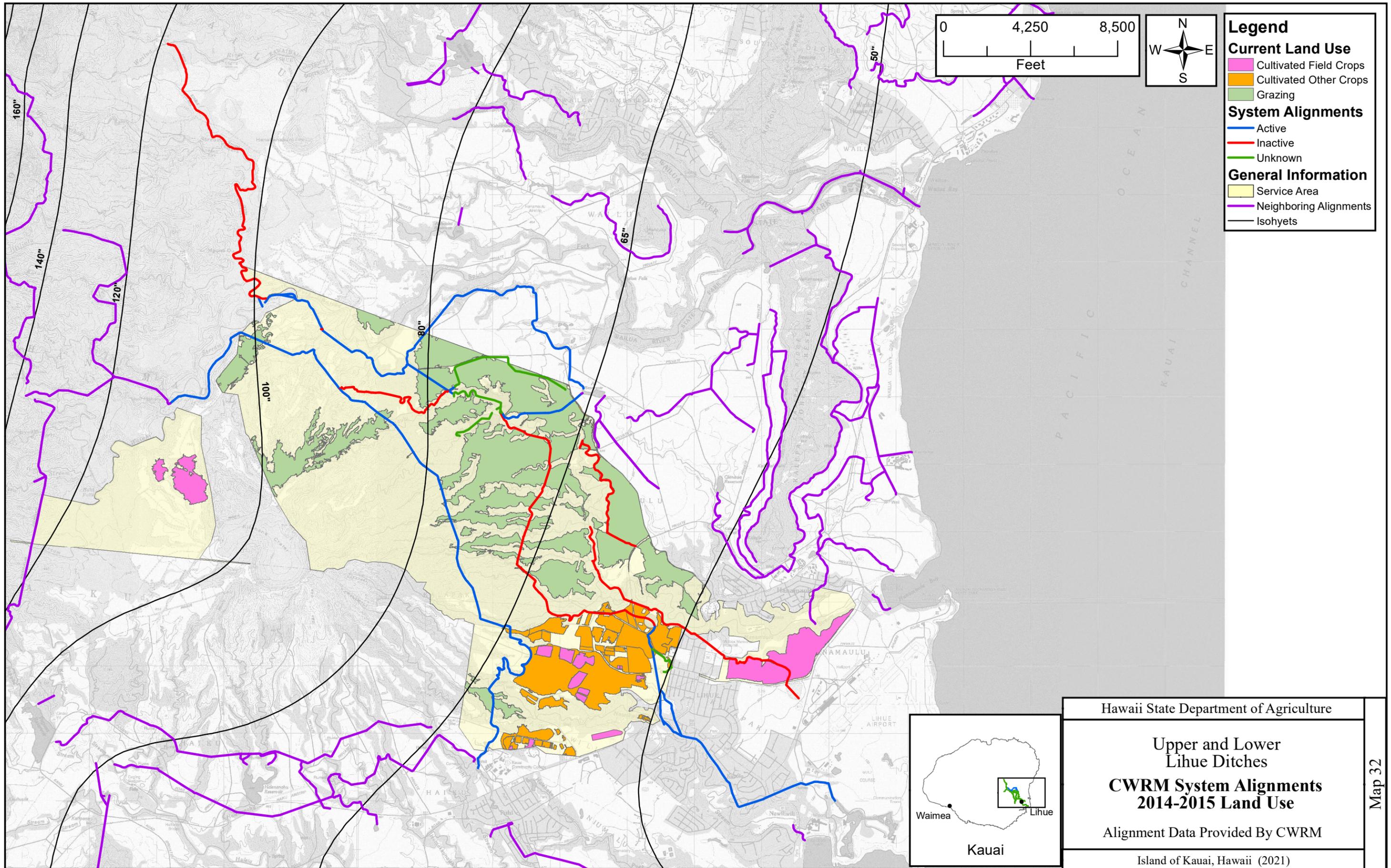
Map 29



NAD 83, UTM Zone 4N







NAD 83, UTM Zone 4N

Hawaii State Department of Agriculture

Upper and Lower
Lihue Ditches
**CWRM System Alignments
2014-2015 Land Use**

Alignment Data Provided By CWRM

Island of Kauai, Hawaii (2021)

Map 32