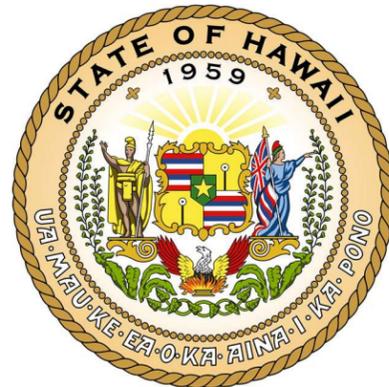


AGRICULTURAL WATER USE AND DEVELOPMENT PLAN UPDATE

APPENDIX A

MAPS (11"x17" FORMAT)



**STATE OF HAWAII
DEPARTMENT OF AGRICULTURE**

December 2019

Revised 2021

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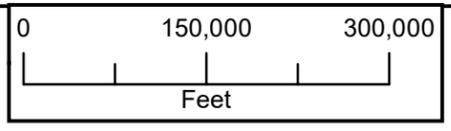
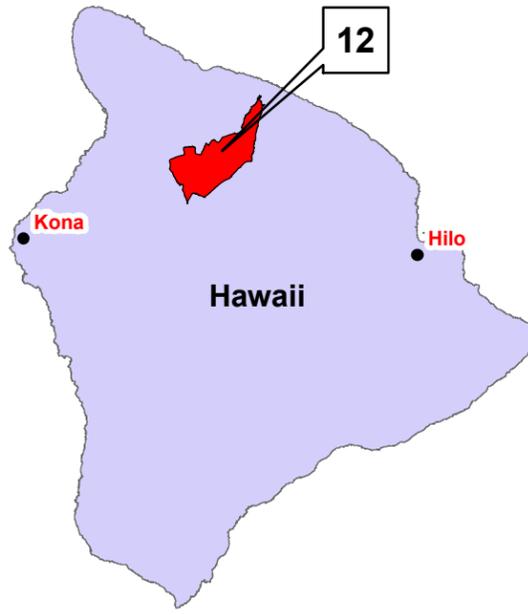
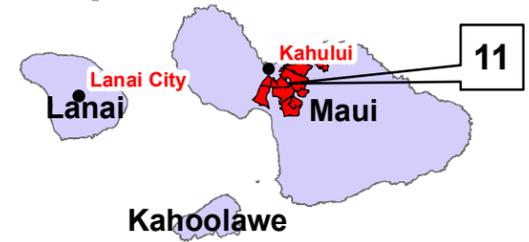
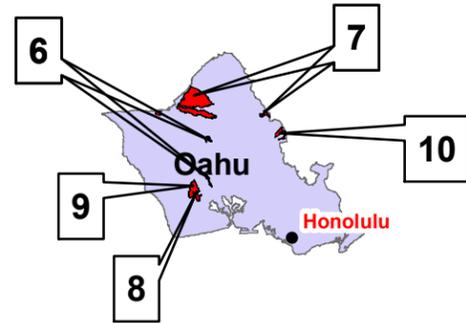
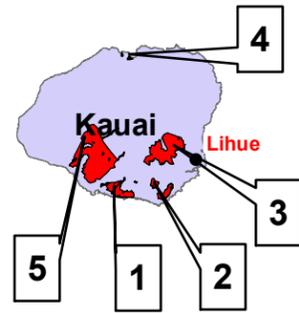
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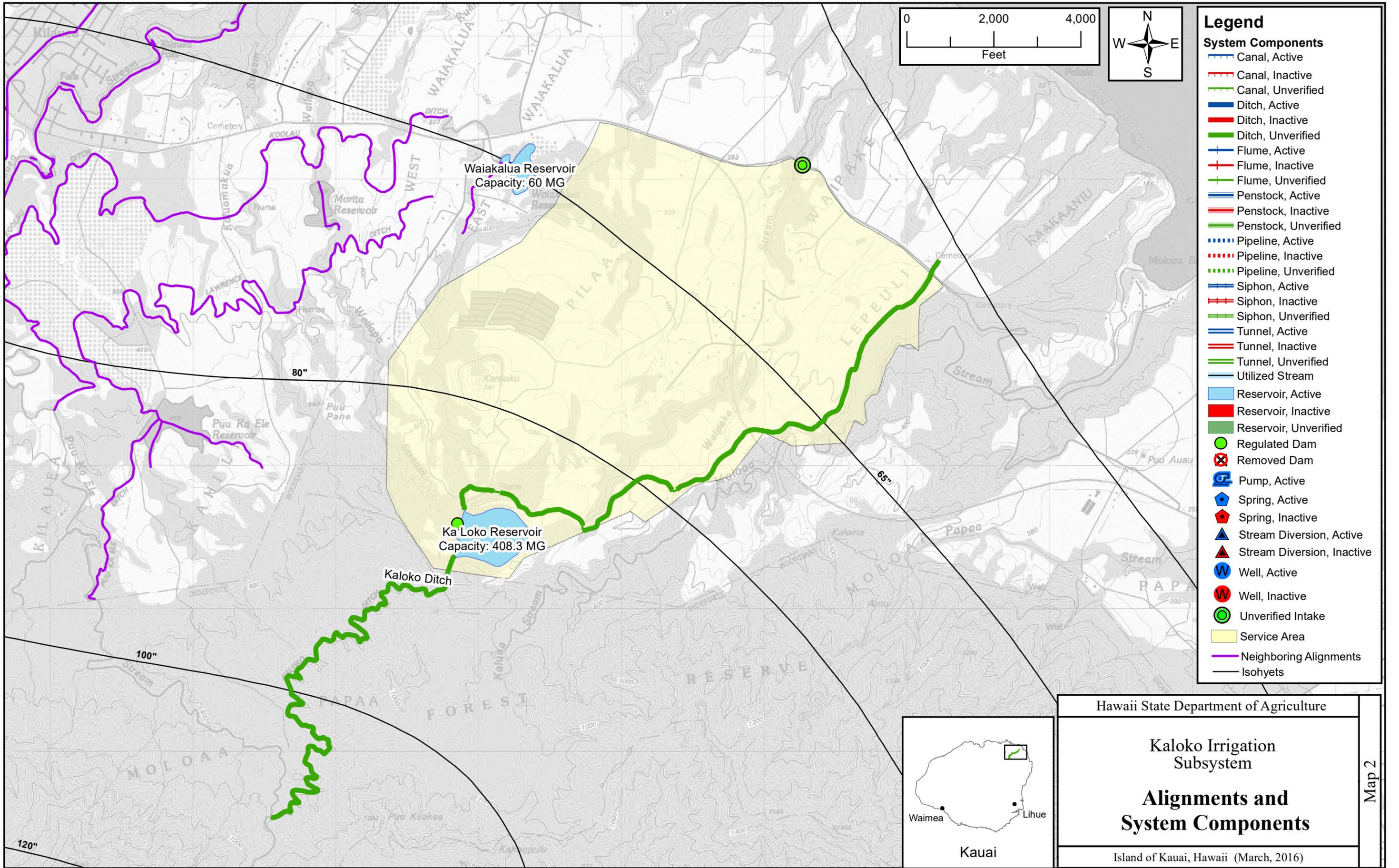
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Legend
 Important Agricultural Lands

Hawaii State Department of Agriculture	
Important Agricultural Lands (2018)	
Hawaii (November, 2018)	

Map 1



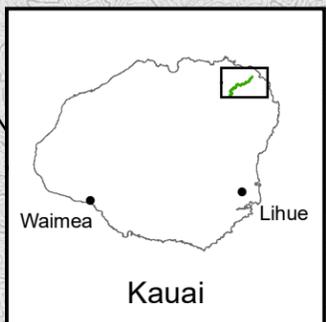
- Legend**
- System Components**
- Canal, Active
 - Canal, Inactive
 - Canal, Unverified
 - Ditch, Active
 - Ditch, Inactive
 - Ditch, Unverified
 - Flume, Active
 - Flume, Inactive
 - Flume, Unverified
 - Penstock, Active
 - Penstock, Inactive
 - Penstock, Unverified
 - Pipeline, Active
 - Pipeline, 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

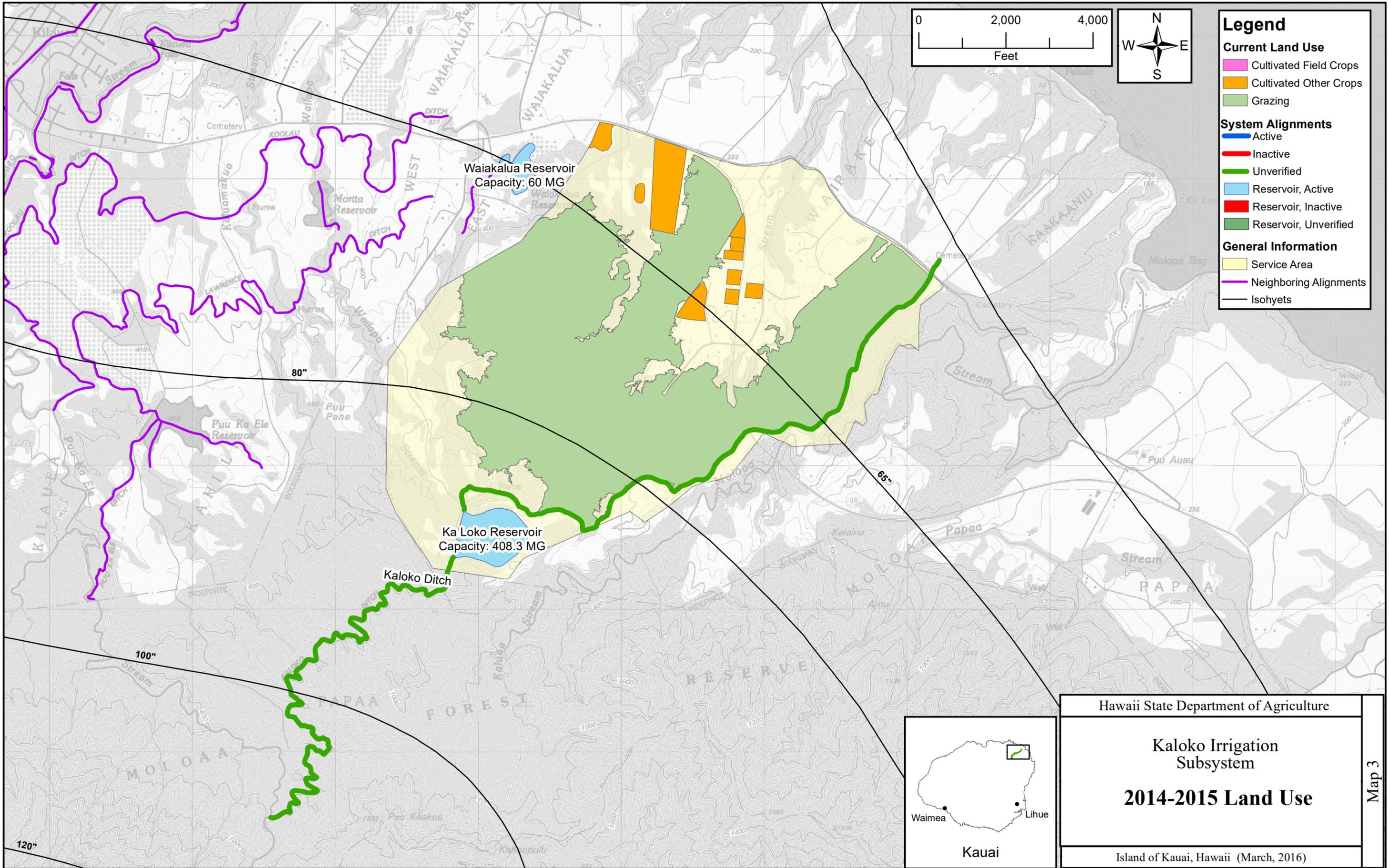
Hawaii State Department of Agriculture

Kaloko 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

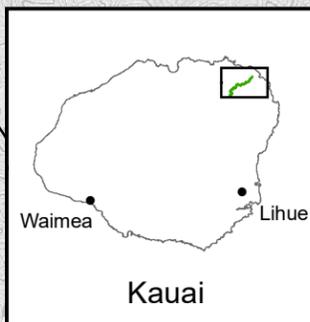
- Service Area
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

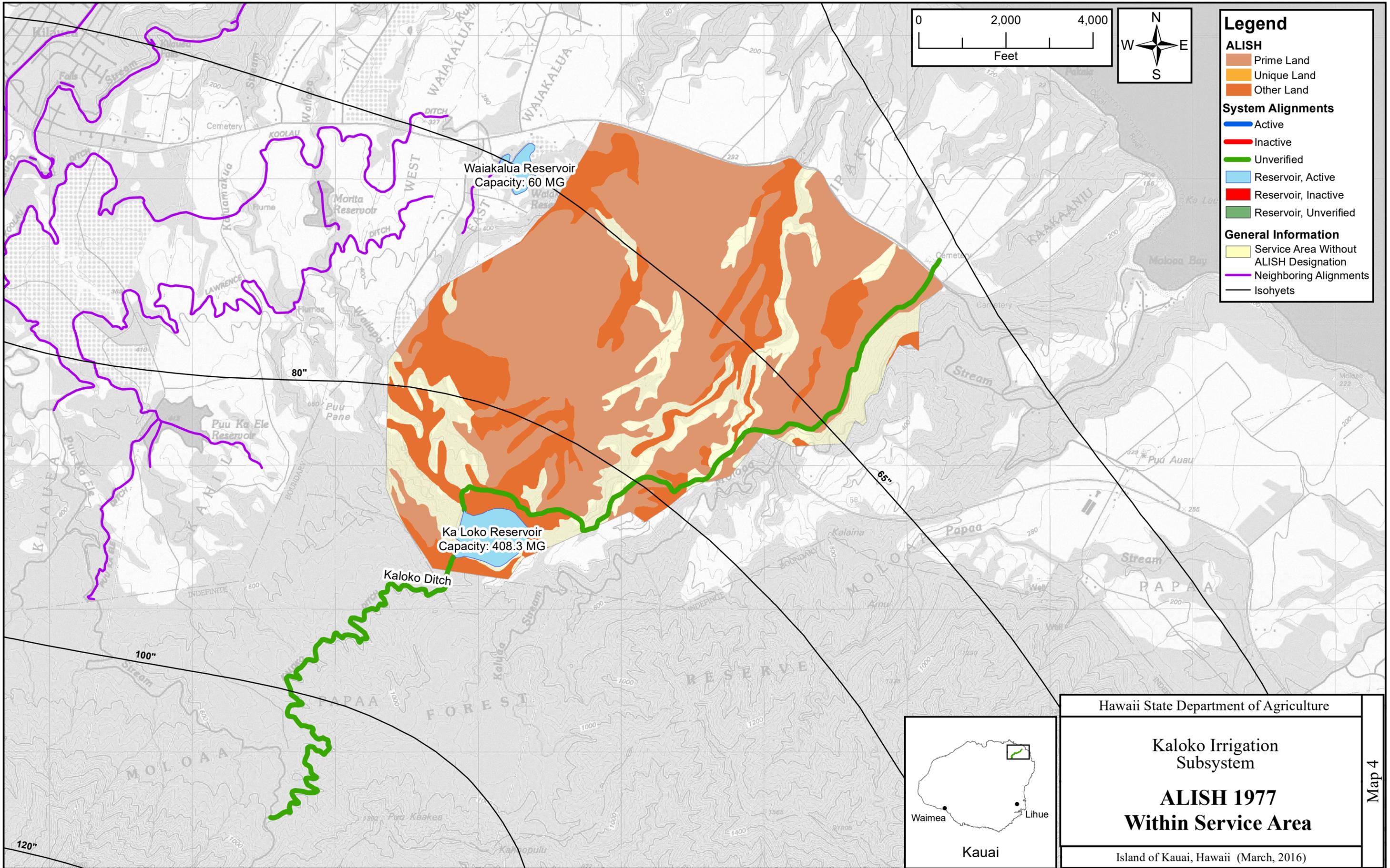
Kaloko Irrigation Subsystem

2014-2015 Land Use

Island of Kauai, Hawaii (March, 2016)



Map 3



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

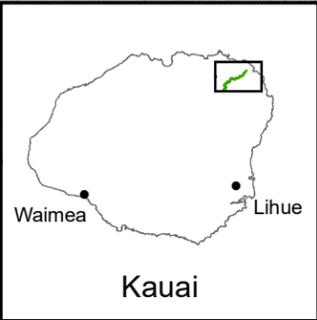
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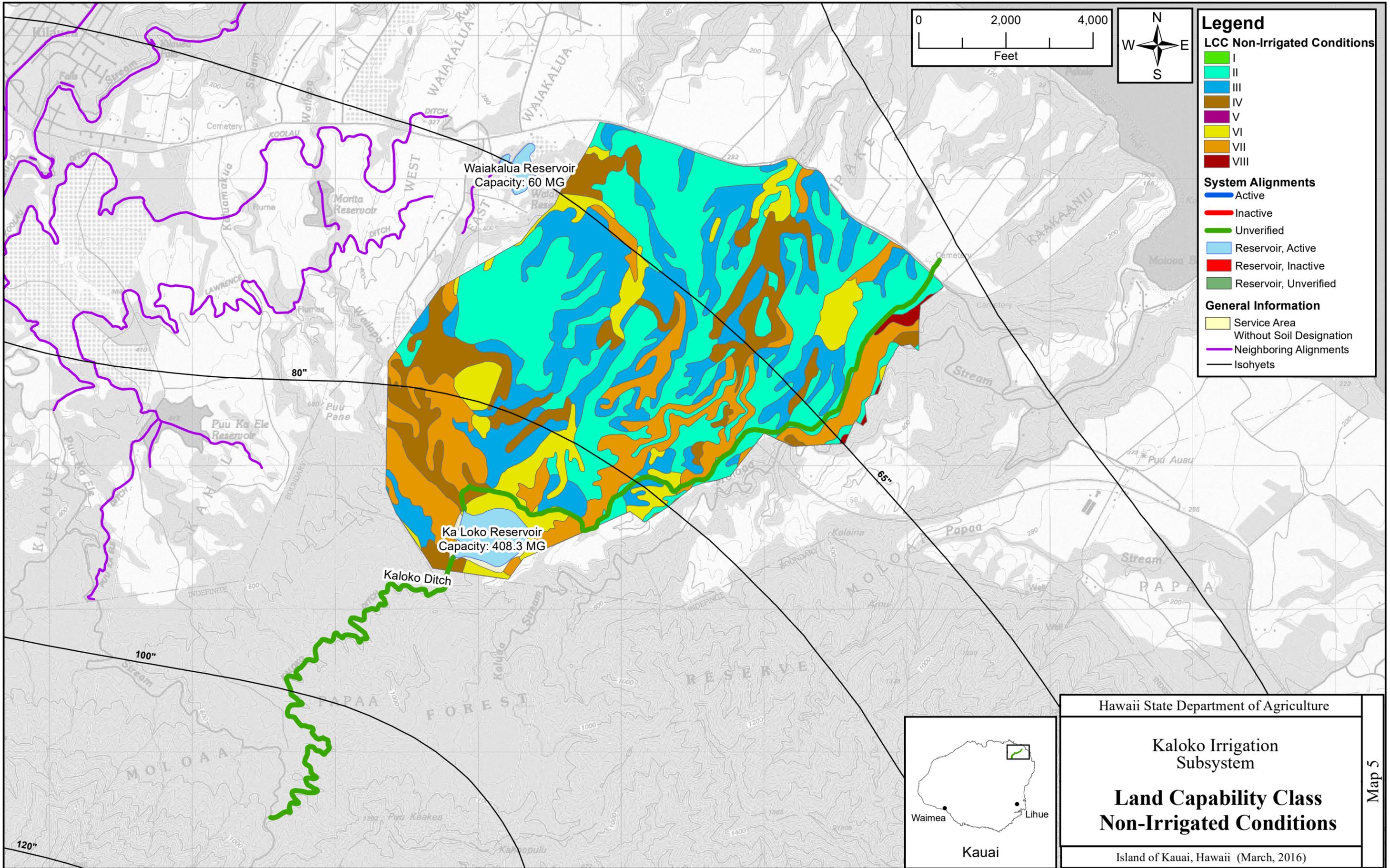
Kaloko Irrigation Subsystem

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

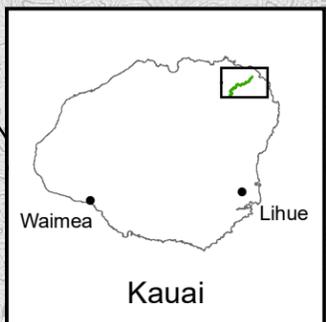
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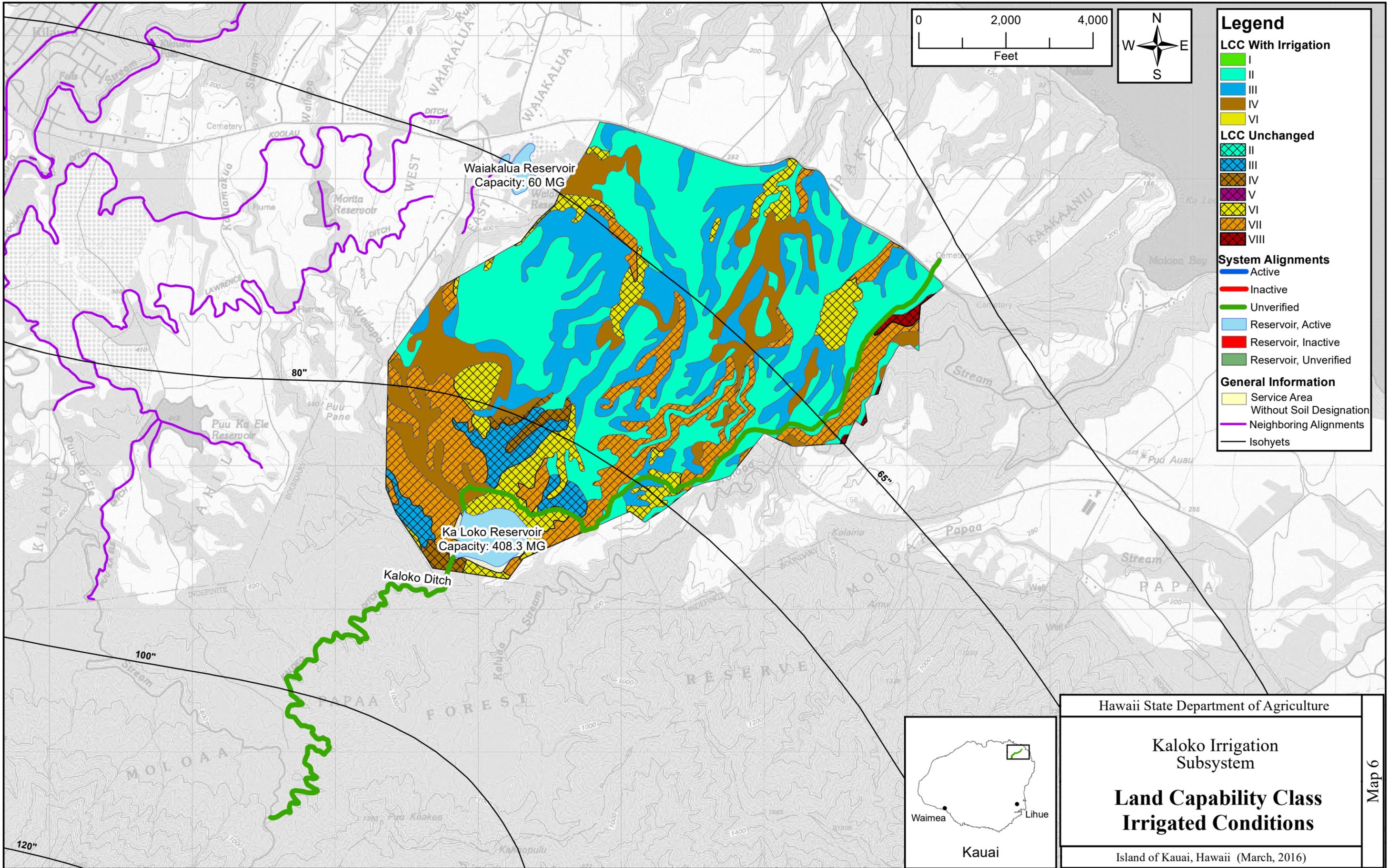
Kaloko Irrigation Subsystem

Land Capability Class Non-Irrigated Conditions

Island of Kauai, Hawaii (March, 2016)

Map 5





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

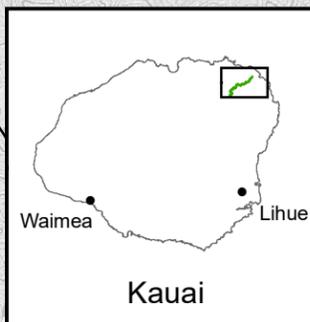
- Service Area Without Soil Designation
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

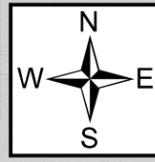
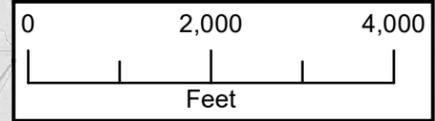
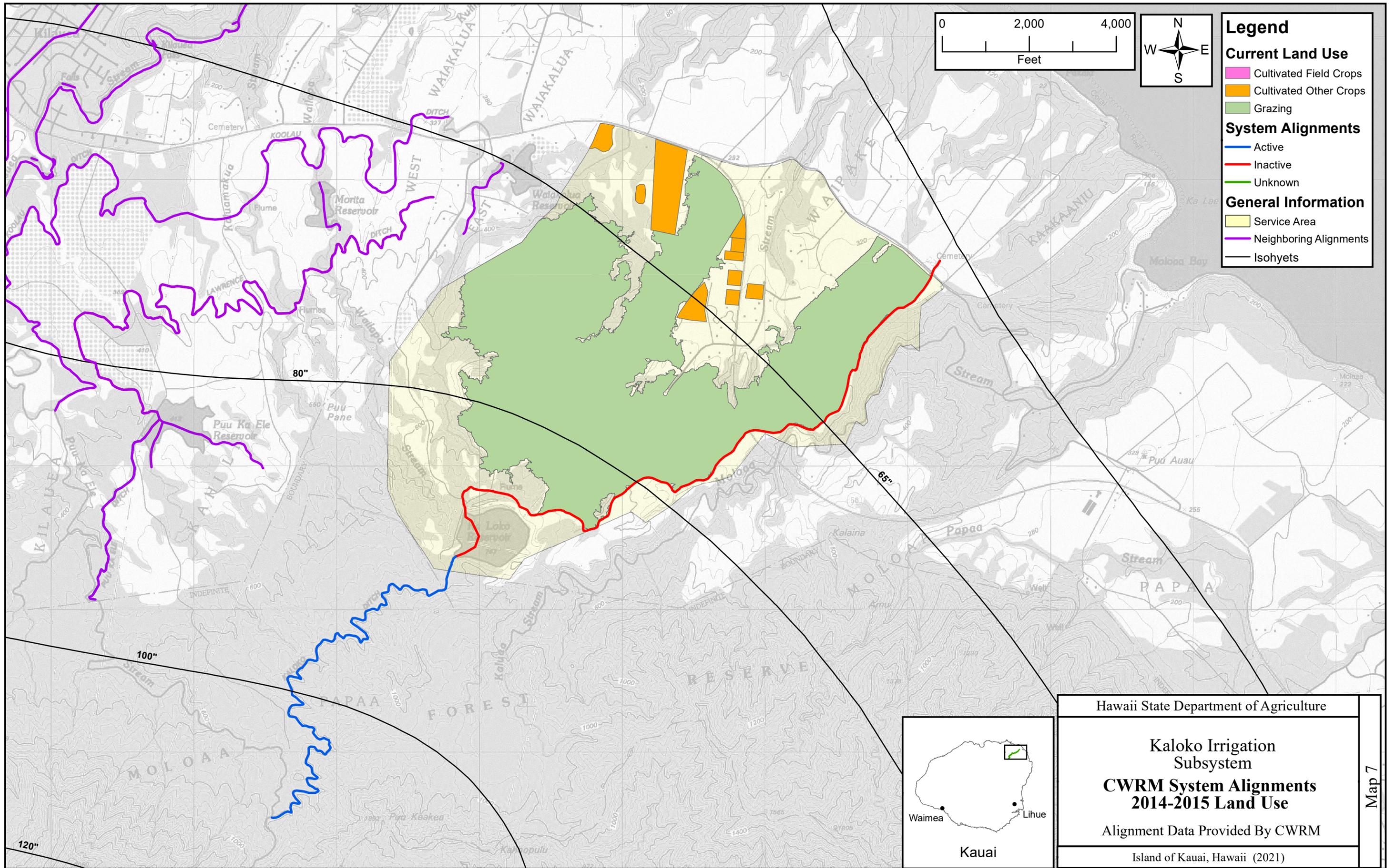
Kaloko Irrigation Subsystem

Land Capability Class Irrigated Conditions

Island of Kauai, Hawaii (March, 2016)



Map 6



Legend

Current Land Use

- Cultivated Field Crops
- Cultivated Other Crops
- Grazing

System Alignments

- Active
- Inactive
- Unknown

General Information

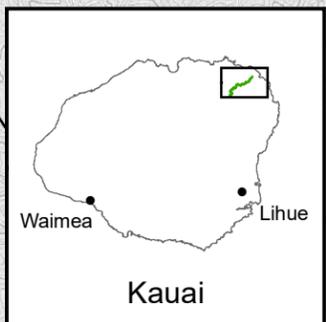
- Service Area
- Neighboring Alignments
- Isohyets

Hawaii State Department of Agriculture

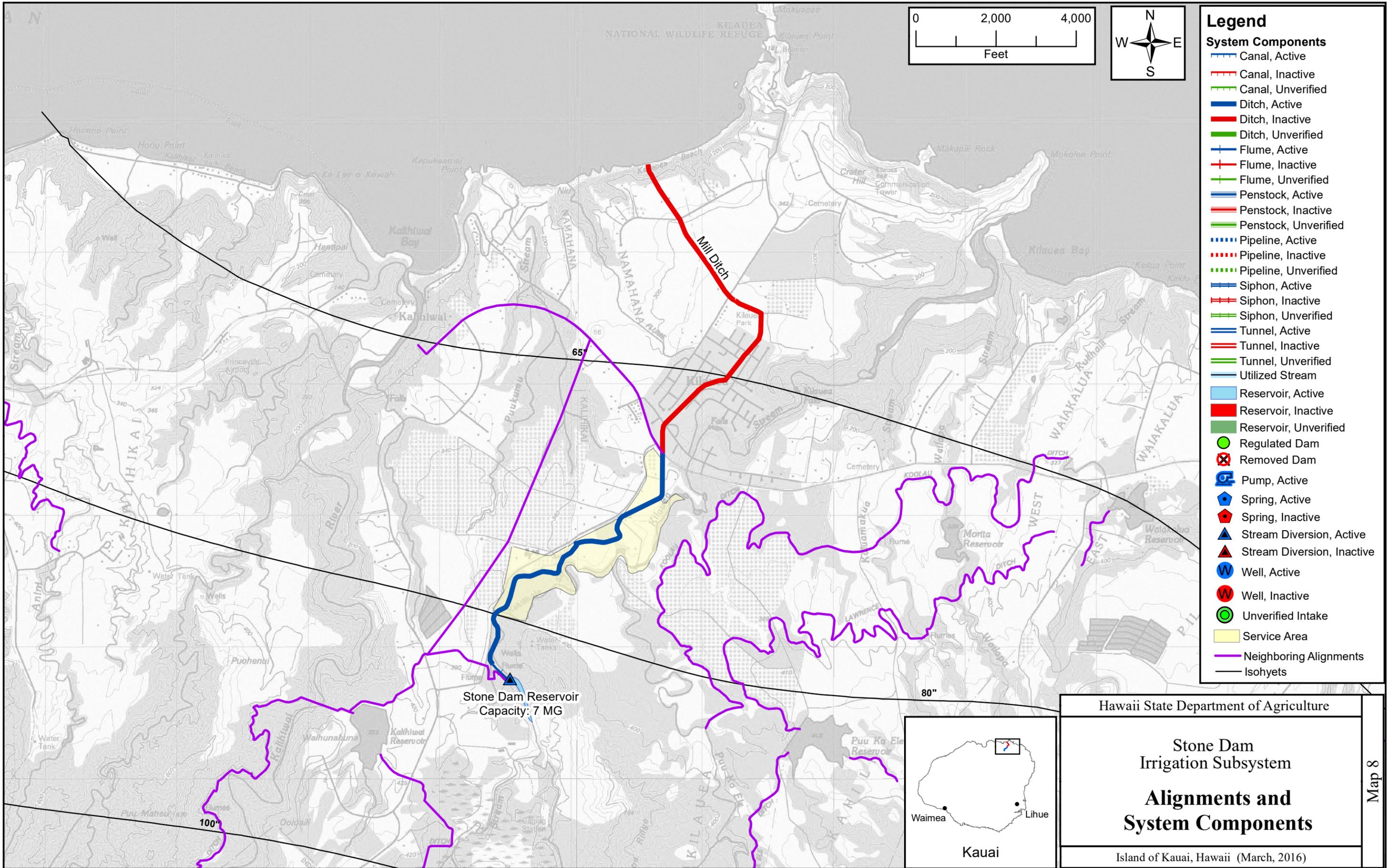
**Kaloko Irrigation Subsystem
CWRM System Alignments
2014-2015 Land Use**

Alignment Data Provided By CWRM

Island of Kauai, Hawaii (2021)



Map 7

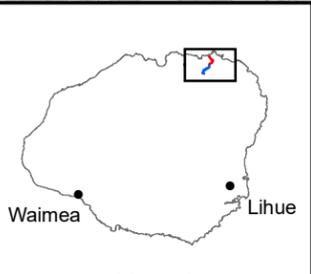


- Legend**
- System Components**
- Canal, Active
 - Canal, Inactive
 - Canal, Unverified
 - Ditch, Active
 - Ditch, Inactive
 - Ditch, Unverified
 - + Flume, Active
 - + Flume, Inactive
 - + Flume, Unverified
 - Penstock, Active
 - Penstock, Inactive
 - Penstock, Unverified
 - Pipeline, Active
 - Pipeline, 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

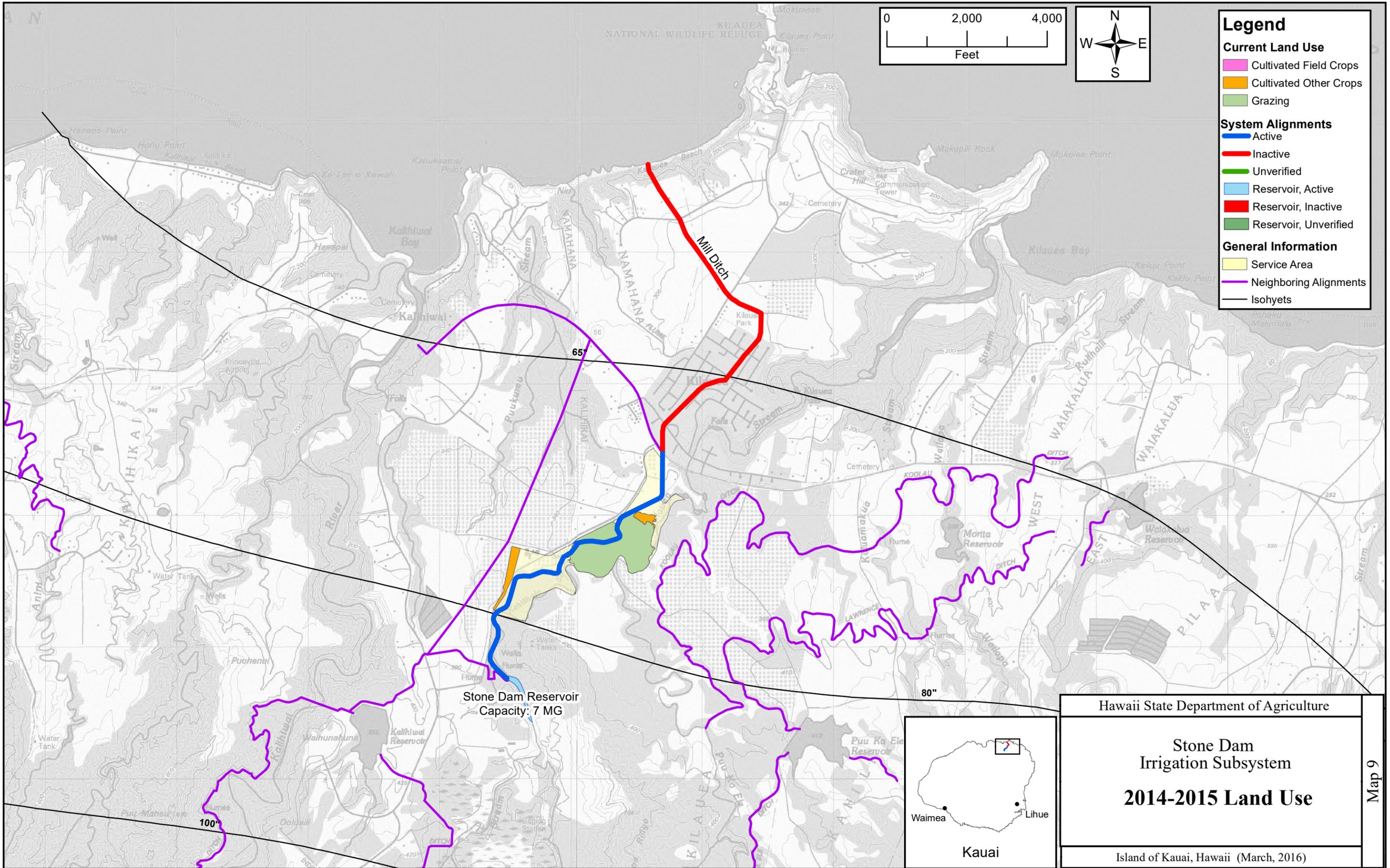
Hawaii State Department of Agriculture

Stone Dam
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

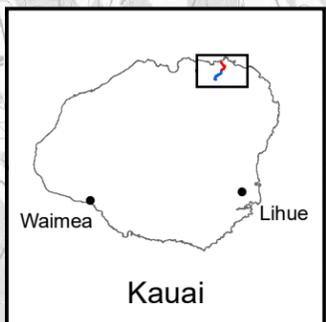
Stone Dam Reservoir
Capacity: 7 MG

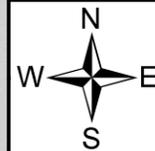
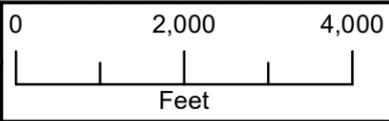
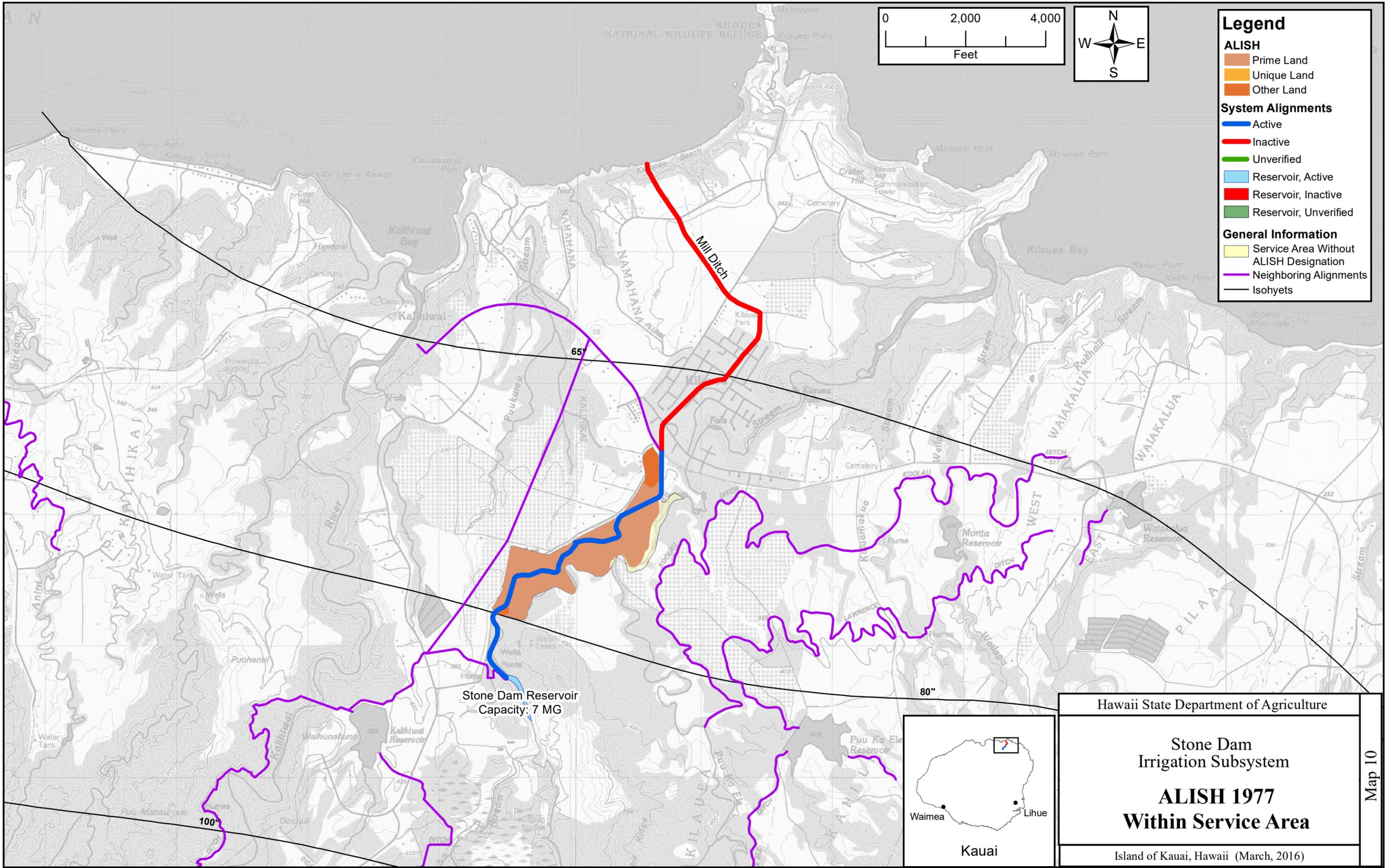
Hawaii State Department of Agriculture

**Stone Dam
Irrigation Subsystem**

2014-2015 Land Use

Island of Kauai, Hawaii (March, 2016)





Legend

ALISH

- Prime Land
- Unique Land
- Other Land

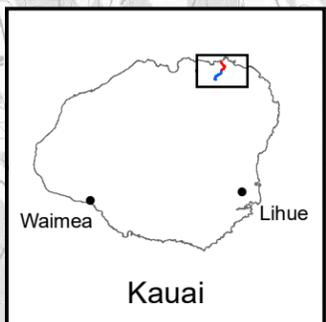
System Alignments

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

General Information

- Service Area Without ALISH Designation
- Neighboring Alignments
- Isohyets

Stone Dam Reservoir
Capacity: 7 MG



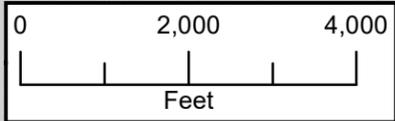
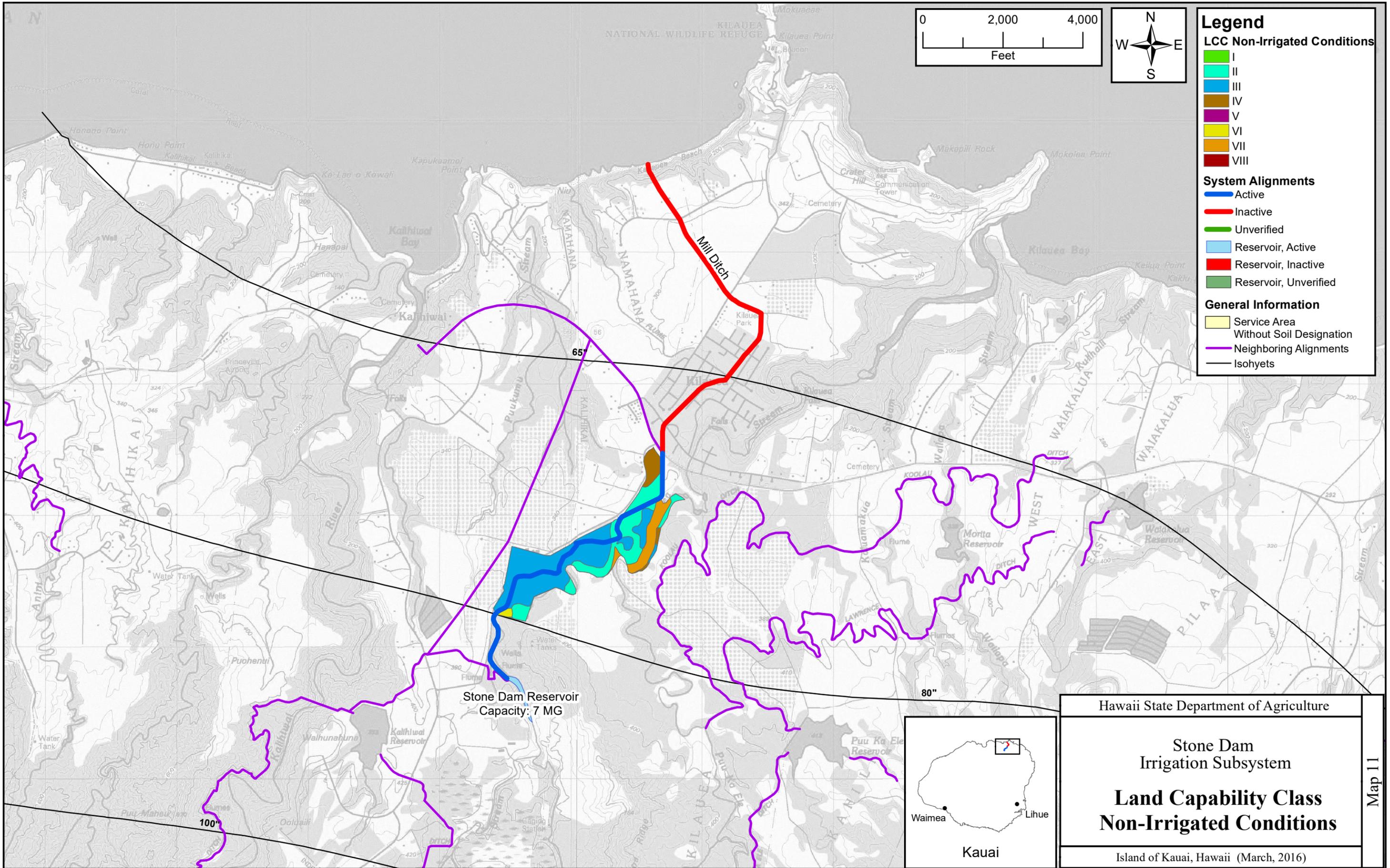
Hawaii State Department of Agriculture

**Stone Dam
Irrigation Subsystem**

**ALISH 1977
Within Service Area**

Island of Kauai, Hawaii (March, 2016)

Map 10



Legend

LCC Non-Irrigated Conditions

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

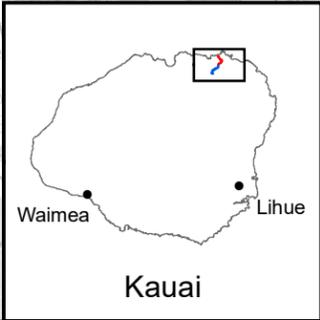
System Alignments

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

General Information

- Service Area Without Soil Designation
- Neighboring Alignments
- Isohyets

Stone Dam Reservoir
Capacity: 7 MG



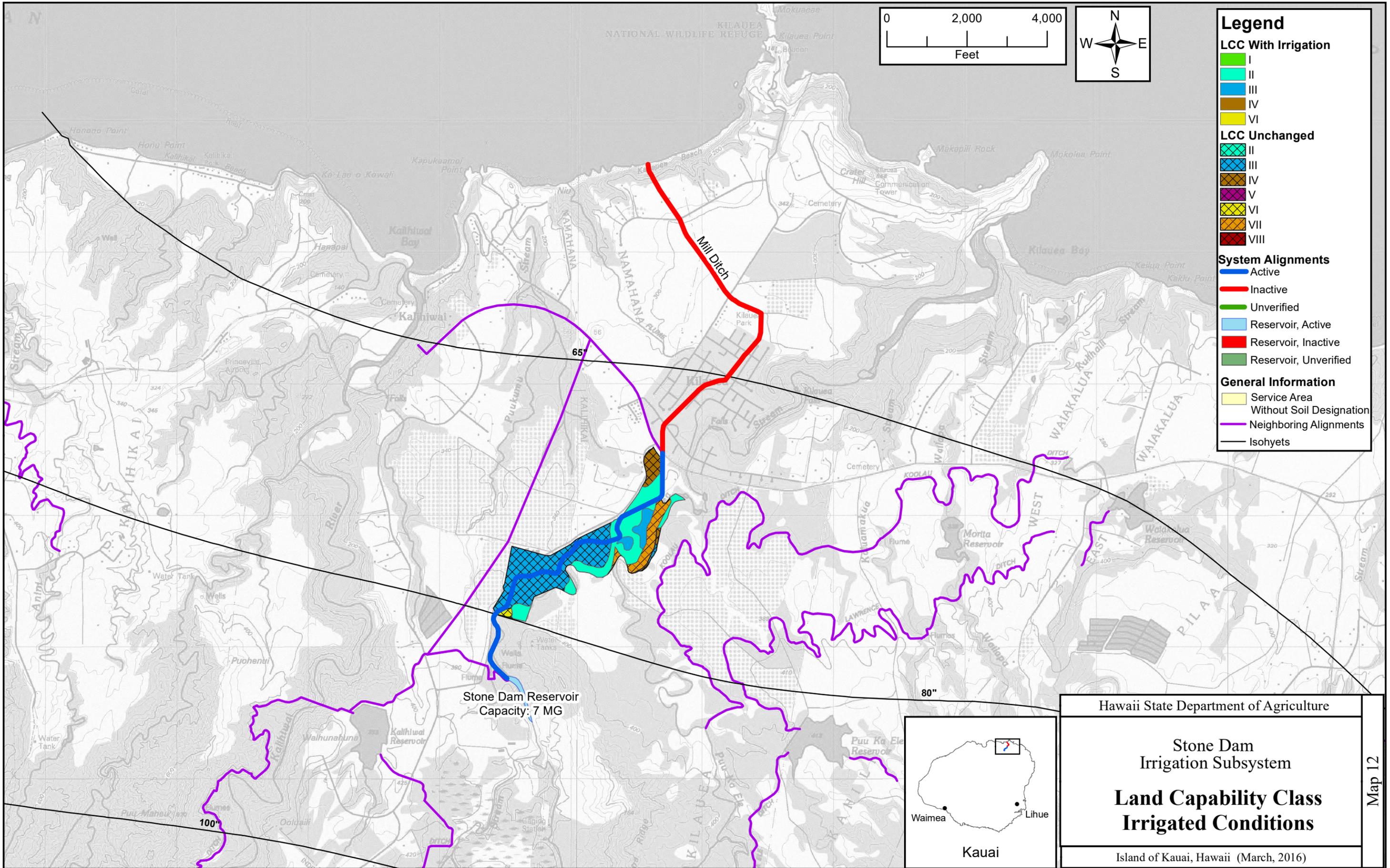
Hawaii State Department of Agriculture

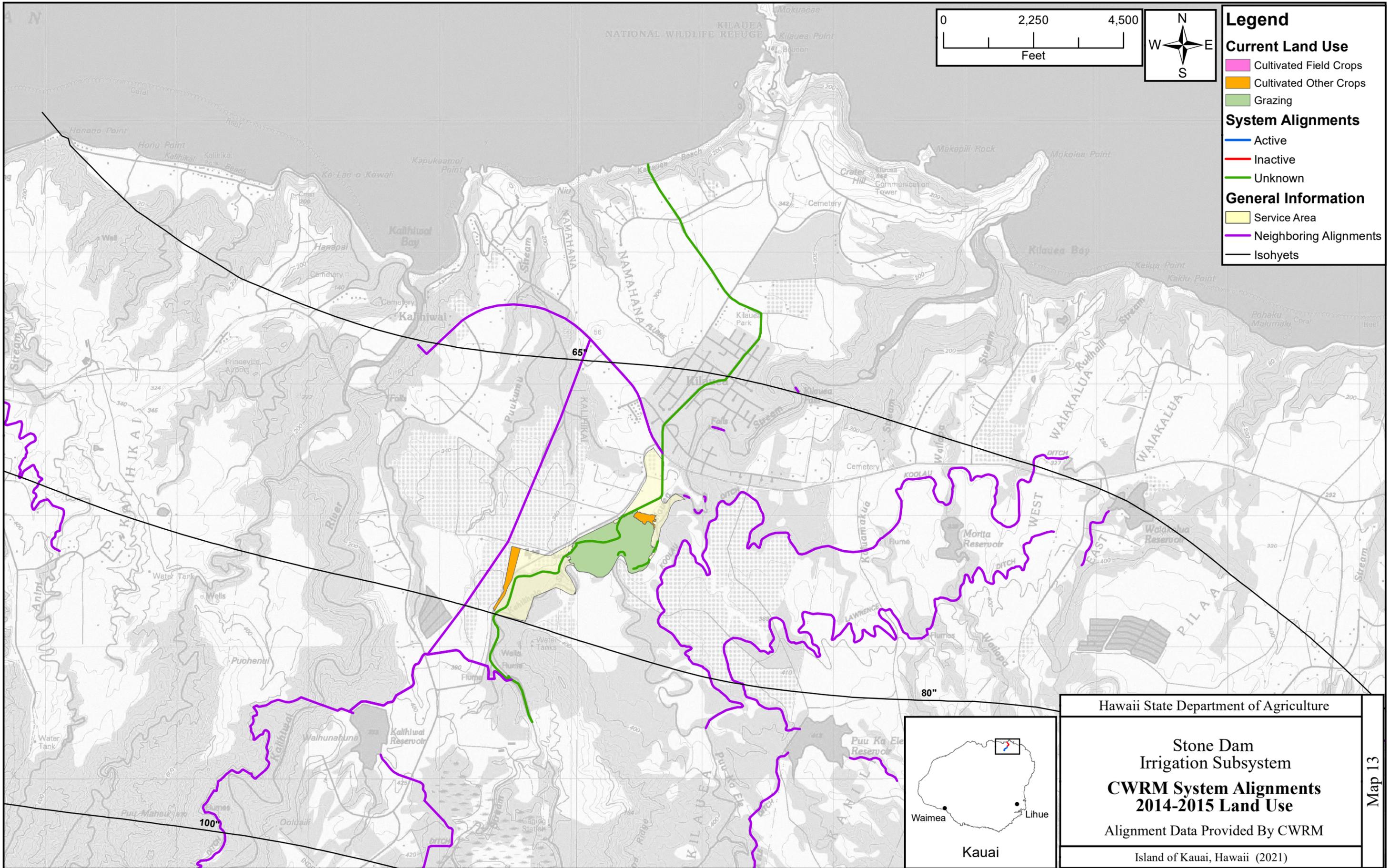
Stone Dam
Irrigation Subsystem

**Land Capability Class
Non-Irrigated Conditions**

Island of Kauai, Hawaii (March, 2016)

Map 11





Hawaii State Department of Agriculture

**Stone Dam
Irrigation Subsystem
CWRM System Alignments
2014-2015 Land Use**

Alignment Data Provided By CWRM

Island of Kauai, Hawaii (2021)

