

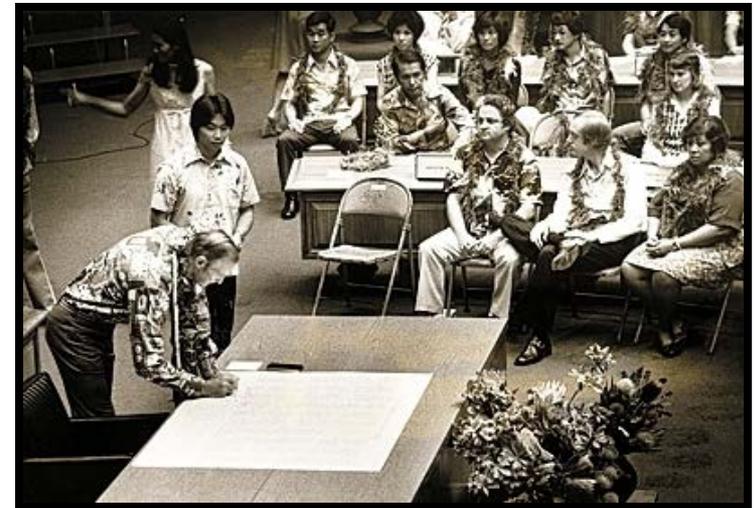
# ***Update of the Water Resource Protection Plan***

**2015 Joint Government Water Conference**



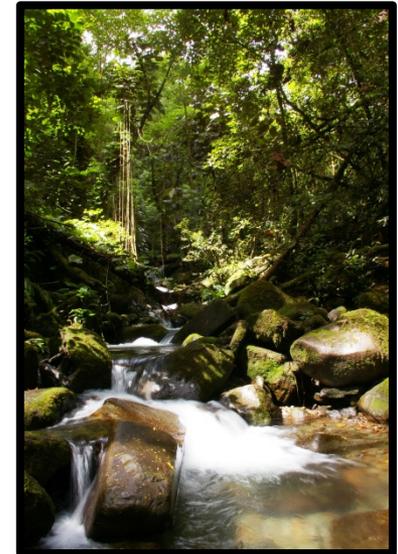
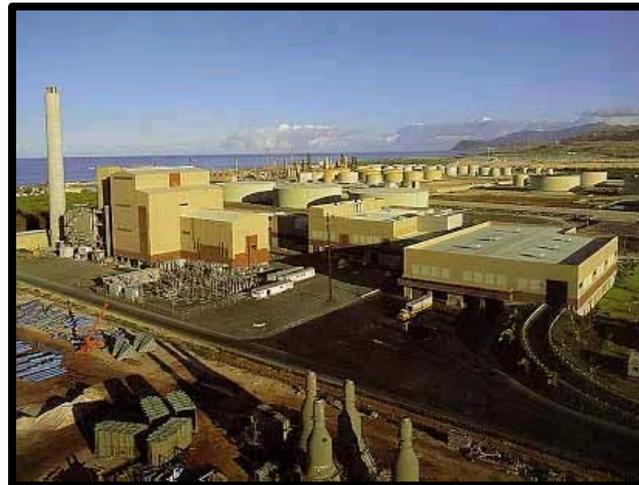
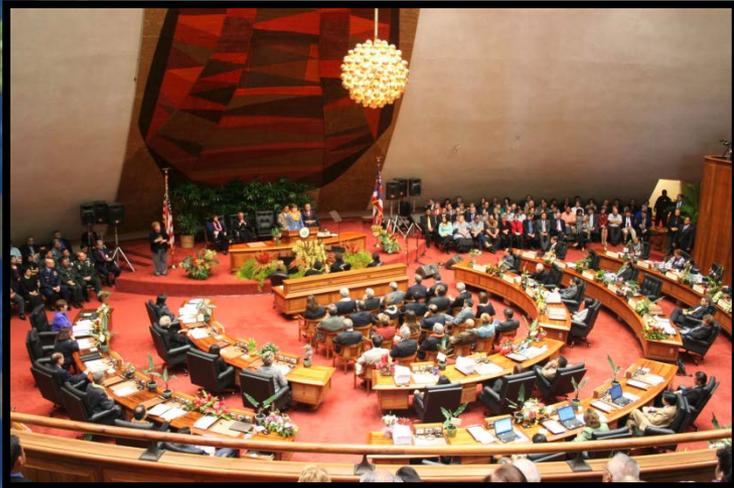
# *Hawaii State Constitution:*

*“All public natural resources are held in trust by the State for the benefit of the people”*



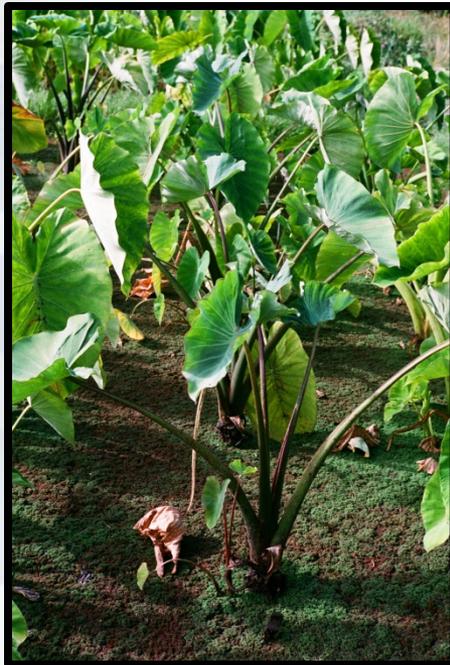
# State Water Code:

***“There is a need for a program of comprehensive water resources planning to address the problems of supply and conservation of water.” The Hawaii water plan, with such future amendments, supplements, and additions as may be necessary, is accepted as the guide for developing and implementing this policy. (§174C-2(b) HRS)***



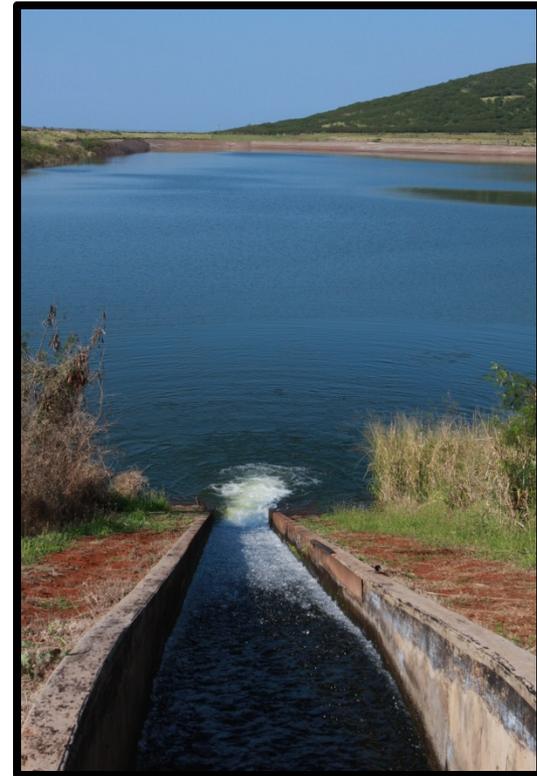
# *Hawai'i Water Plan Objectives*

- Set water resource policies
- Proper conservation and development of water
- Reasonable and beneficial use of water



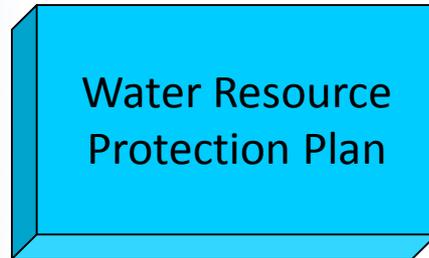
# *Hawai'i Water Plan Objectives*

- Ensure adequate water quality
- Control water for public purposes
- Provide for DHHL needs
- Recognize county home rule



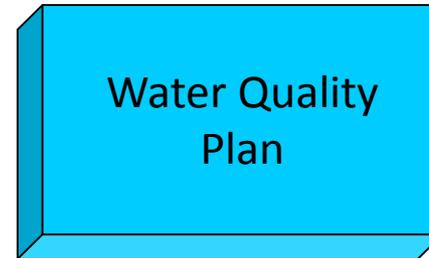
# *Hawai'i Water Plan Components*

CWRM: 2008

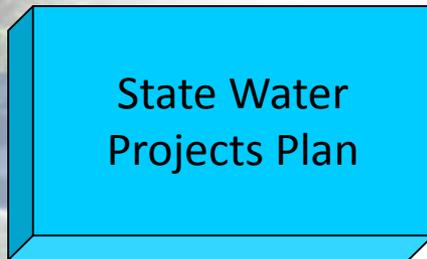


Water Resource  
Protection Plan

DOH: 1990

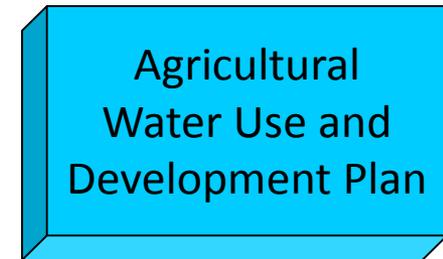


Water Quality  
Plan



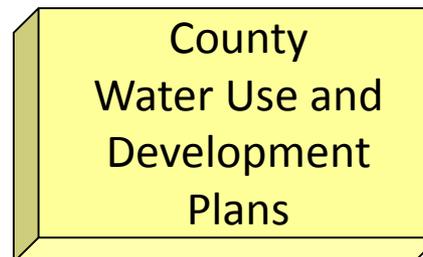
State Water  
Projects Plan

DLNR Eng: 2003



Agricultural  
Water Use and  
Development Plan

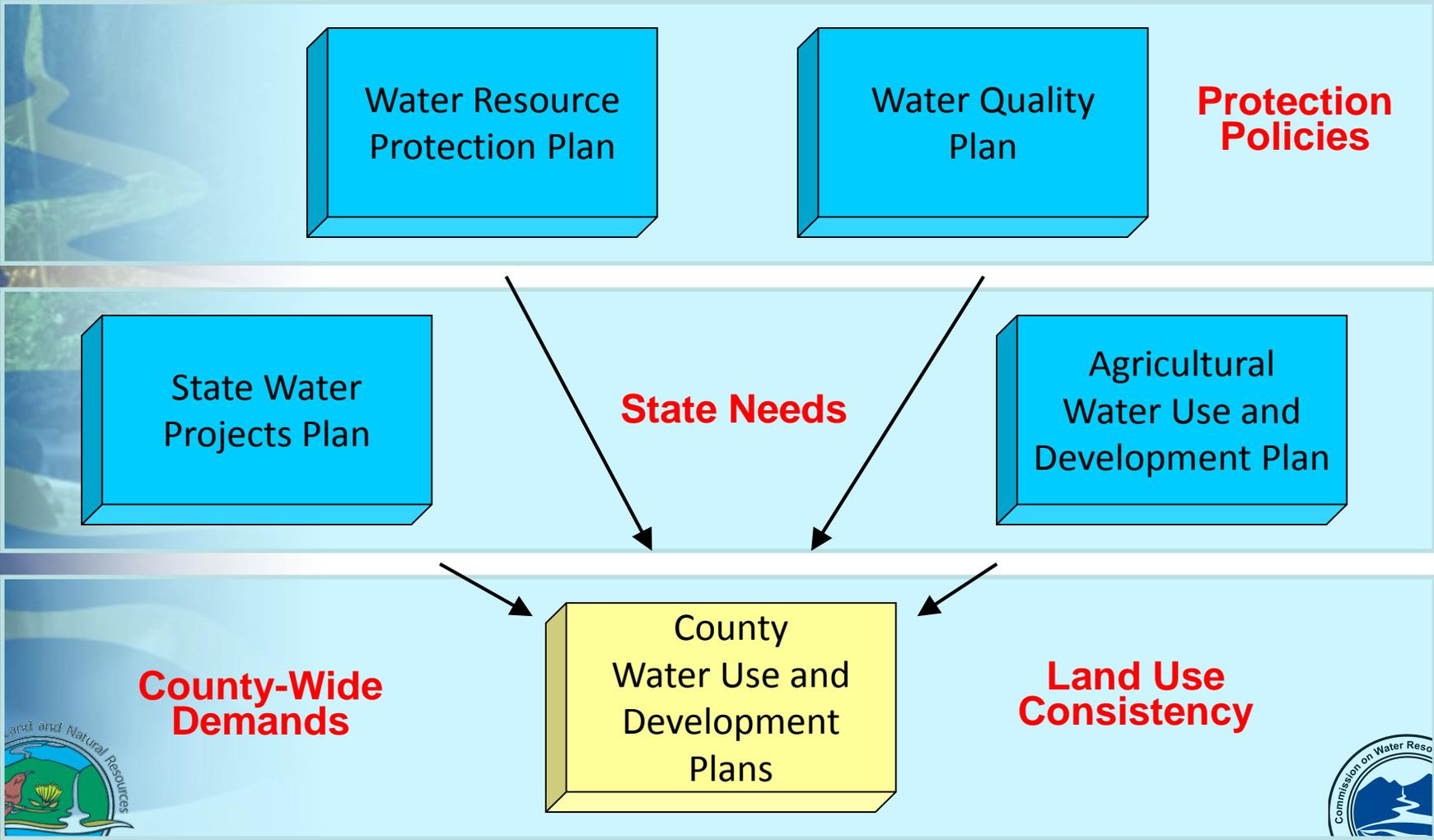
HDOA: 2004



County  
Water Use and  
Development  
Plans

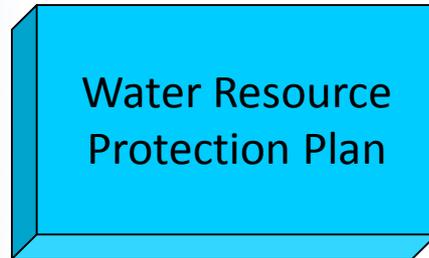


# Hawai'i Water Plan Integration



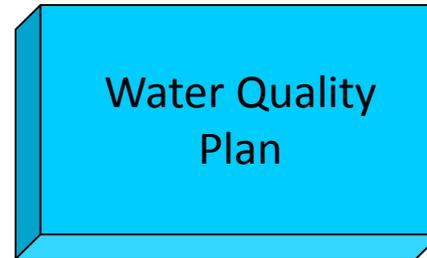
# *Hawai'i Water Plan Components*

CWRM: 2008

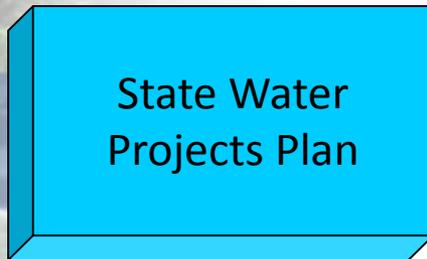


Water Resource  
Protection Plan

DOH: 1990

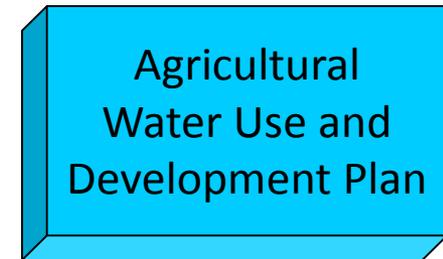


Water Quality  
Plan



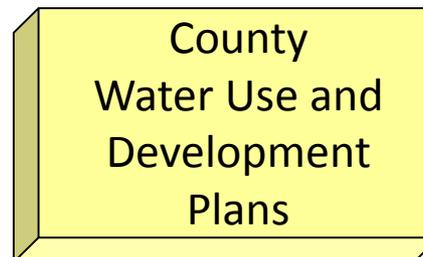
State Water  
Projects Plan

DLNR Eng: 2003



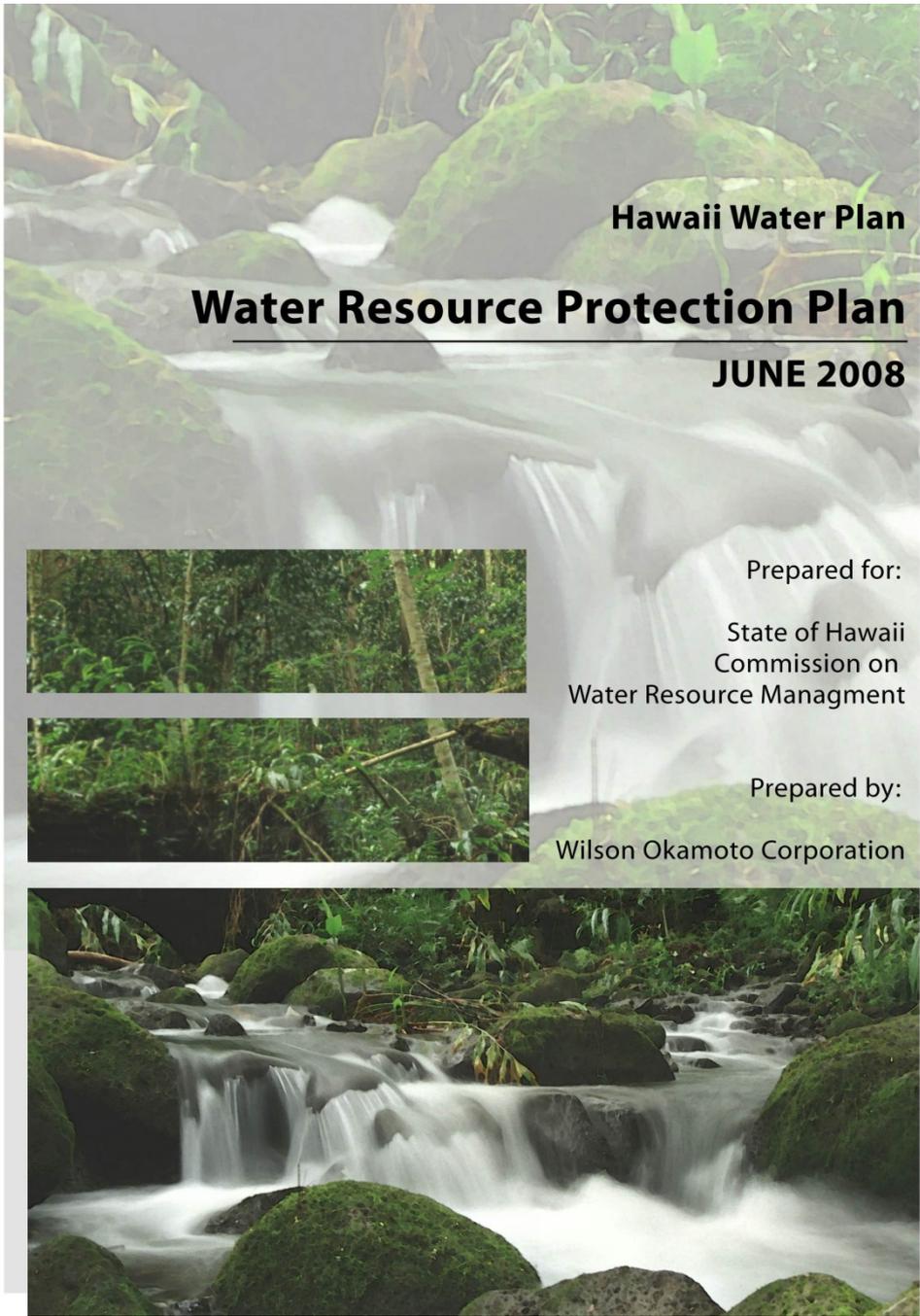
Agricultural  
Water Use and  
Development Plan

HDOA: 2004



County  
Water Use and  
Development  
Plans





**Hawaii Water Plan**

**Water Resource Protection Plan**

**JUNE 2008**



Prepared for:  
  
State of Hawaii  
Commission on  
Water Resource Management

Prepared by:  
  
Wilson Okamoto Corporation

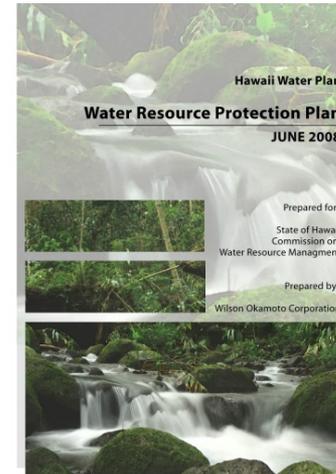


# 2008 Water Resource Protection Plan Update

[HTTP://DLNR.HAWAII.GOV/CWRM/PLANNING/HIWATERPLAN/WRPP/](http://DLNR.HAWAII.GOV/CWRM/PLANNING/HIWATERPLAN/WRPP/)

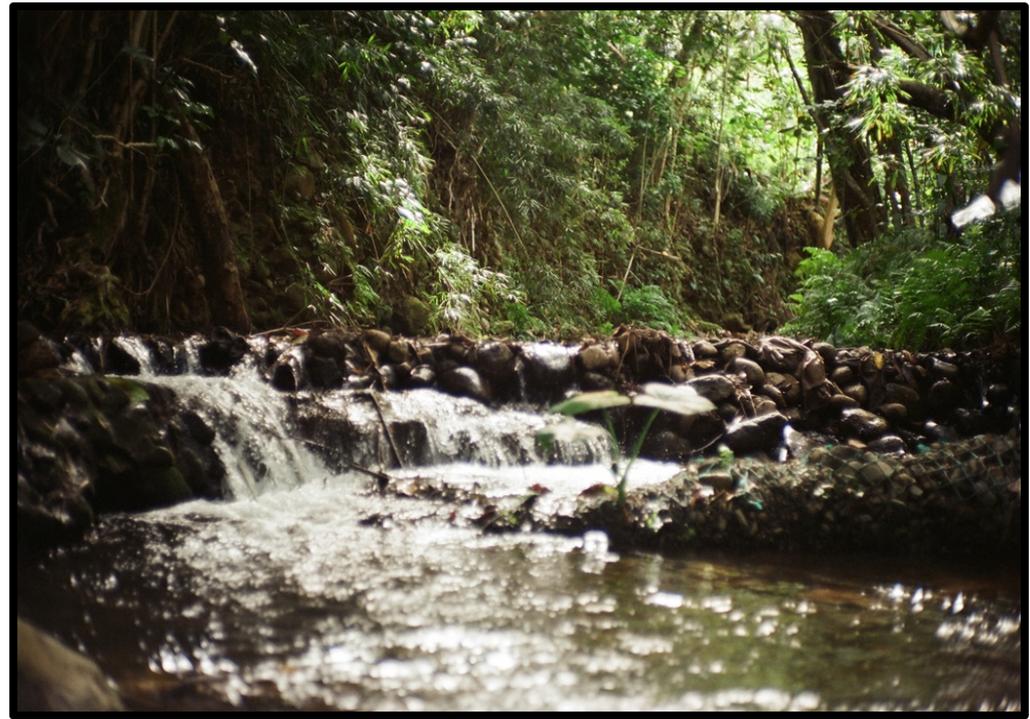
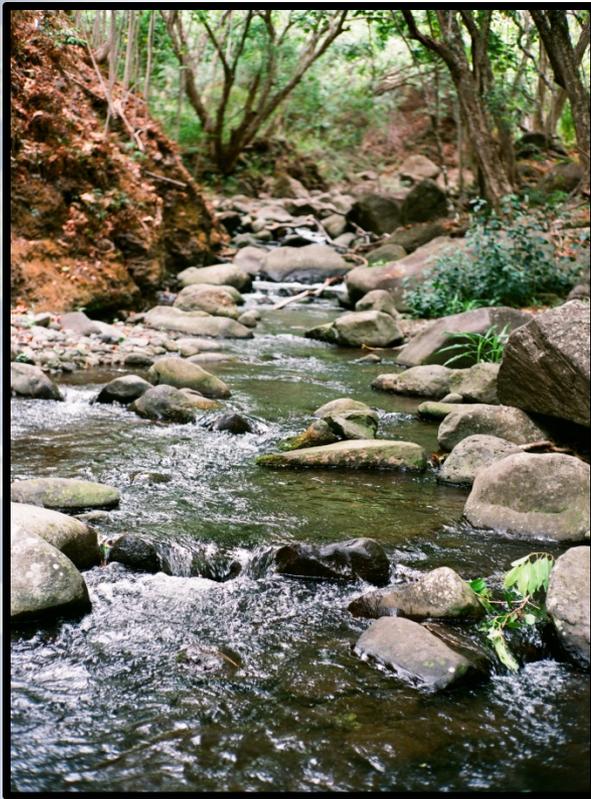


# *What's in the WRPP?*



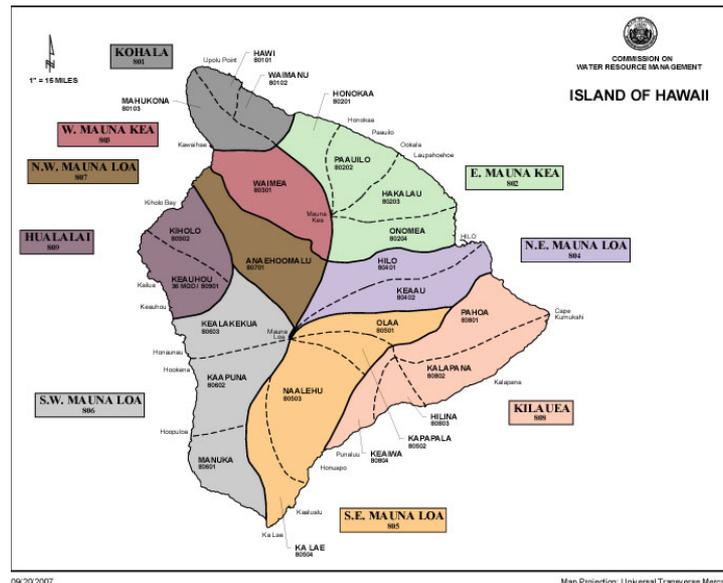
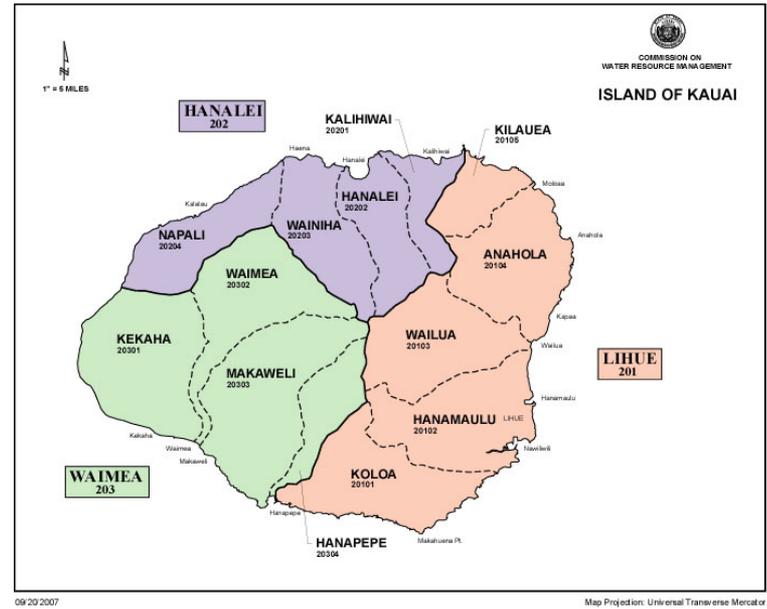
# §174C-31(d) HRS

Nature and  
occurrence of water  
resources in the state



# §174C-31(d) HRS

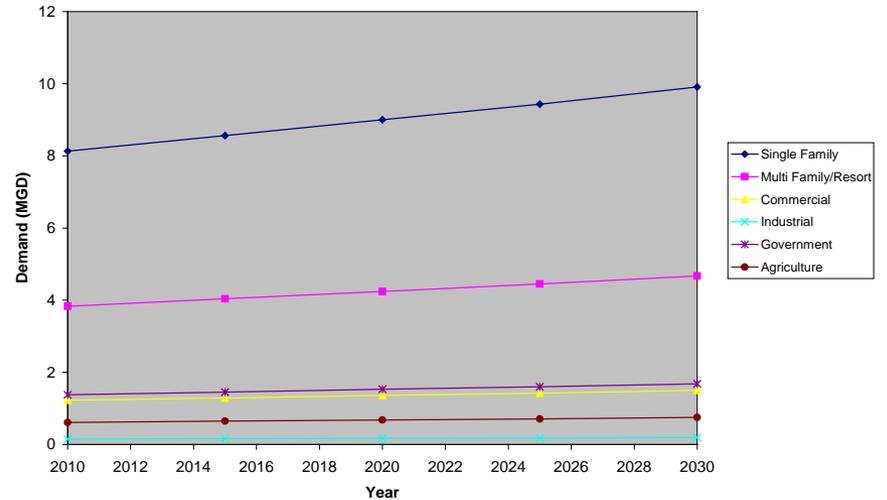
Hydrologic units and their characteristics, including the quantity and quality of available resource, requirements for beneficial instream uses and environmental protection, desirable uses worthy of preservation by permit, and undesirable uses for which permits may be denied



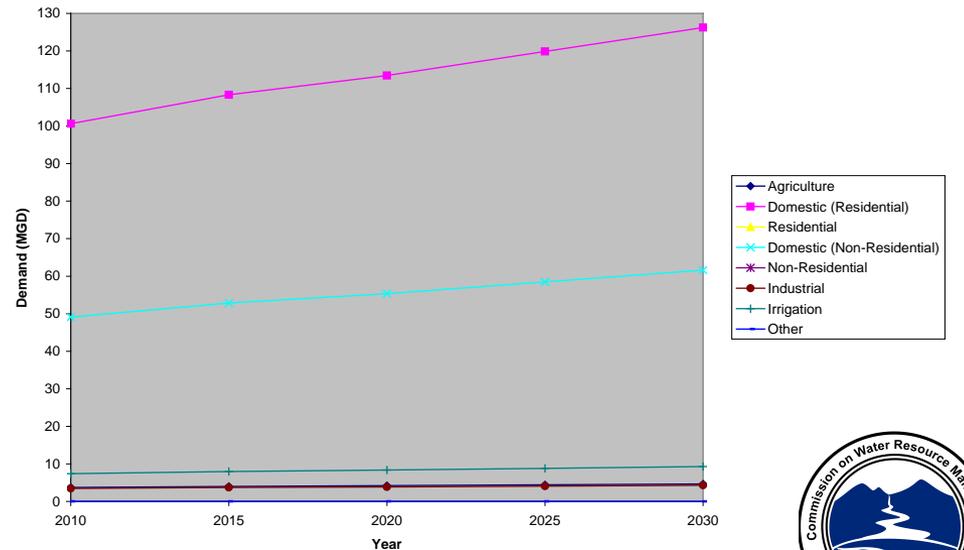
# §174C-31(d) HRS

Existing and contemplated uses of water, as identified in the water use and development plans of the State and counties, their impact on the resource, and their consistency with objectives and policies established in the water resource protection and water quality plans

Kauai County Projected Water Demand 2010 to 2030

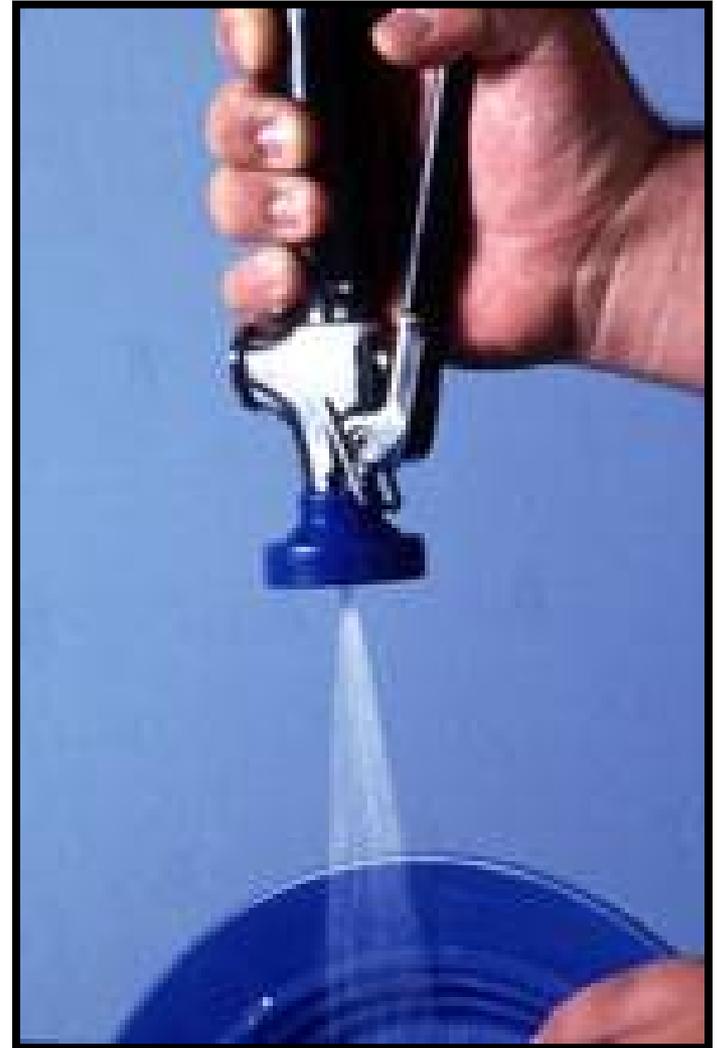


City and County of Honolulu Projected Water Demand 2010 to 2030



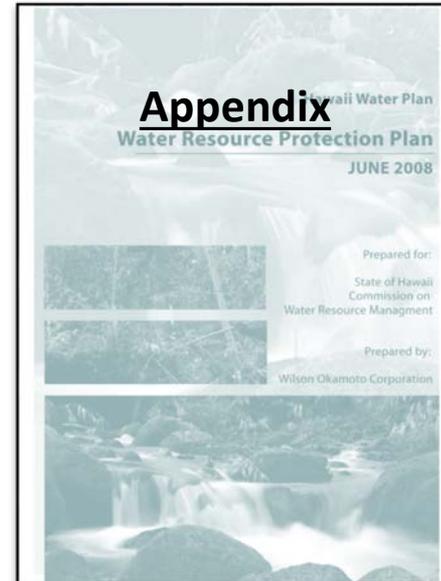
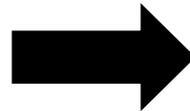
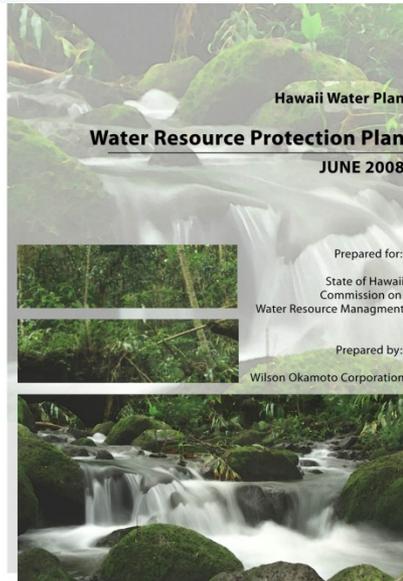
# §174C-31(d) HRS

Programs to conserve,  
augment, and protect the  
water resource



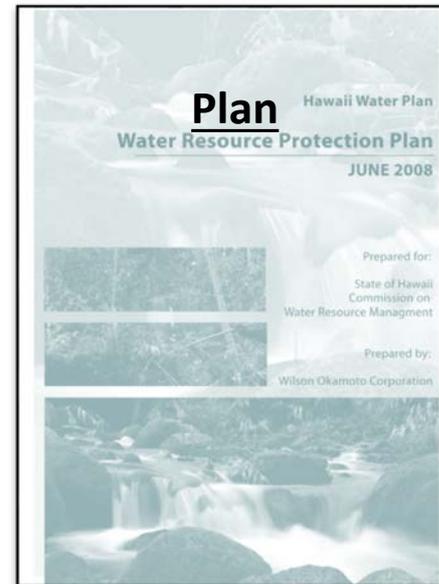
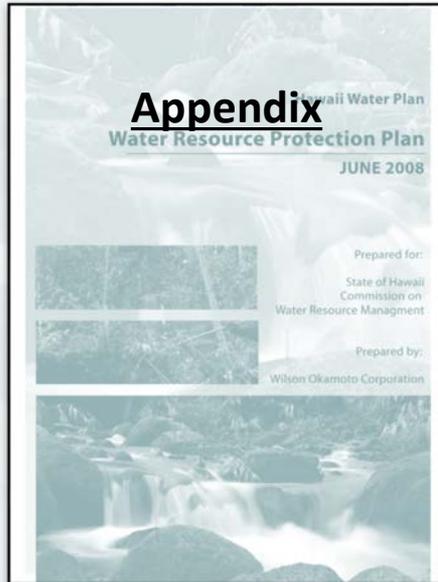
# 2016 WRPP Update

- 2008 Plan contents will be updated

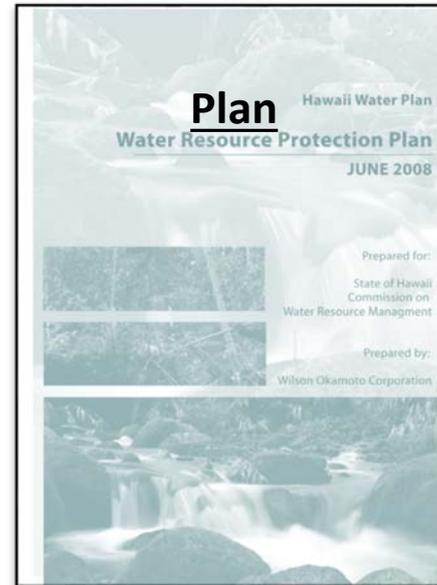
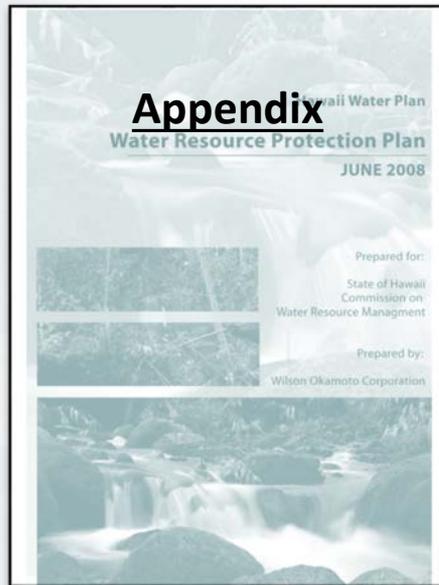


# 2016 WRPP Update

- “Skinny” strategic action-oriented plan to be developed



# 2016 WRPP Update



## Draft Goals and Actions



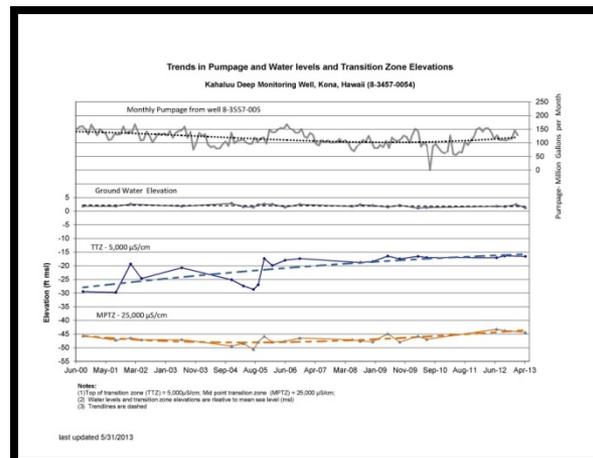
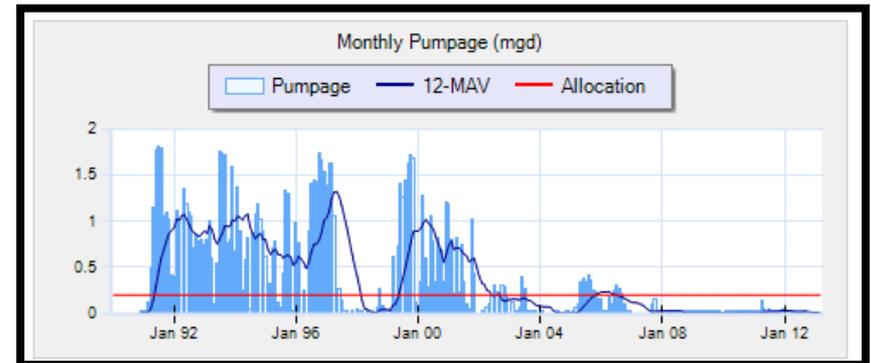
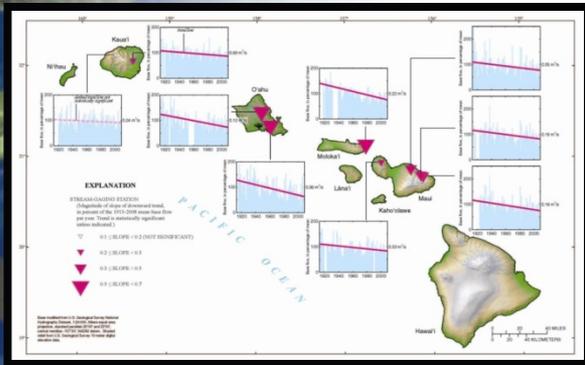
# *Draft Goals and Actions*

- Developed from CWRM and community input
- Short and long-term actions meant to guide CWRM



# Draft Goals and Actions

- Identification of emerging water resource issues and management gaps and resource priorities
- Development of projects and strategic actions to address



# *Draft Goals and Actions*

- **Goal:**  
**Create and maintain a solid foundation of data on water resources, water use, and the dynamics of water in Hawaii on which to base decisions**



# *Draft Goals and Actions*

- **Goal:**  
Create and maintain a solid foundation of data on water resources, water use, and the dynamics of water in Hawaii on which to base decisions
- **Issue:**  
**Compliance with reporting of water use is poor**



# *Draft Goals and Actions*

- **Goal:**  
Create and maintain a solid foundation of data on water resources, water use, and the dynamics of water in Hawaii on which to base decisions
- **Issue:**  
Compliance with reporting of water use is poor
- **Action:**  
Increase outreach and education to permit holders



# *Draft Goals and Actions*

- **Goal:**  
**Balance public trust uses, water rights, and reasonable beneficial use**



# *Draft Goals and Actions*

- **Goal:**  
Balance public trust uses, water rights, and reasonable beneficial use
- **Issue:**  
**Lack of scientific certainty in estimates of water availability**



# *Draft Goals and Actions*

- **Goal:**  
Balance public trust uses, water rights, and reasonable beneficial use
- **Issue:**  
Lack of scientific certainty in estimates of water availability
- **Action:**  
**Implement adaptive management strategies**



# *Draft Goals and Actions*

- **Goal:**

**Increase collaborative water resource management among government, private, and community entities, and the citizens of Hawai'i through partnerships, education, and awareness**



# *Draft Goals and Actions*

- **Goal:**  
Increase collaborative water resource management among government, private, and community entities, and the citizens of Hawai'i through partnerships, education, and awareness
- **Issue:**  
**Need to strengthen community relationships and increase outreach and education on water resource issues**



# *Draft Goals and Actions*

- **Goal:**

Increase collaborative water resource management among government, private, and community entities, and the citizens of Hawai'i through partnerships, education, and awareness
- **Issue:**

Need to strengthen community relationships and increase outreach and education on water resource issues
- **Action:**

**Establish CWRM outreach coordinator position**



# WRPP Schedule



**WATER RESOURCE STATUS**

- Organize the project team
- Update 2008 WRPP chapters with new information
- Analysis of data and status of programs

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- Water Commission Briefings
- Water Professionals Group Meetings
- Meetings with Agencies and Non-Governmental Organizations

**DRAFT WRPP UPDATE**

- Hold public "Water Workshops" to brief communities on water and hear their issues
- Develop an Implementation Plan and Schedule
- Compile the Draft WRPP Report

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- Water Commission Briefing

**PUBLIC REVIEW**

- Distribute Public Review Draft WRPP
- Solicit and respond to public comments

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- Water Commission Briefing
- Public Hearings
  - Kona
  - Hilo
  - Maui
  - Lānaʻi
  - Molokaʻi
  - Oʻahu
  - Kauaʻi

**FINAL WRPP UPDATE**

- Revise Draft WRPP Update Report
- Finalize WRPP Update Report

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- Water Commission Briefing



# ***Mahalo!***

***Commission on Water Resource Management***

***<http://hawaii.gov/dlnr/cwrn/>***

***[dlnr.cwrn@hawaii.gov](mailto:dlnr.cwrn@hawaii.gov)***

