

KAUAI WATER PLAN 2020

Charting a Course for the Next 20 Years

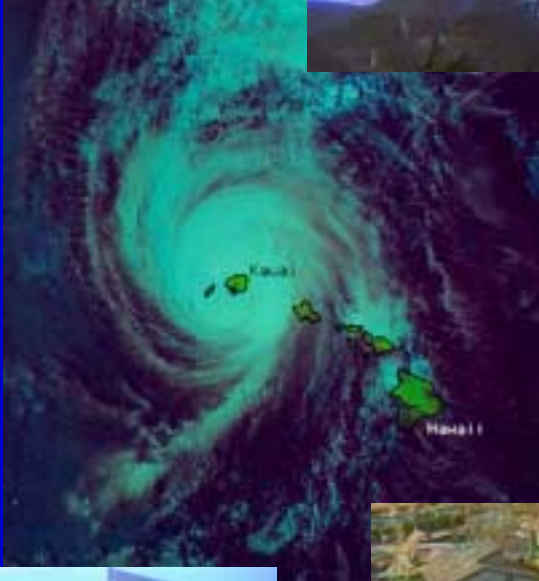




Water..... The Breath of Life

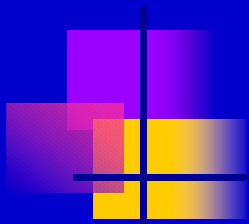


**Hurricane Iniki,
September 11, 1992**



**Honolulu
December 9, 2000**

Overview of Water Plan 2020



Introduction

The Process

Discoveries

Financing the Plan

System Overview



Introduction



What is the Mission of DOW?

Mission Statement:

“Together, we provide safe, affordable, and sufficient drinking water through wise management of our resources and with excellent customer service for the people of Kaua`i.”

adopted in 1998

What is the Department of Water?



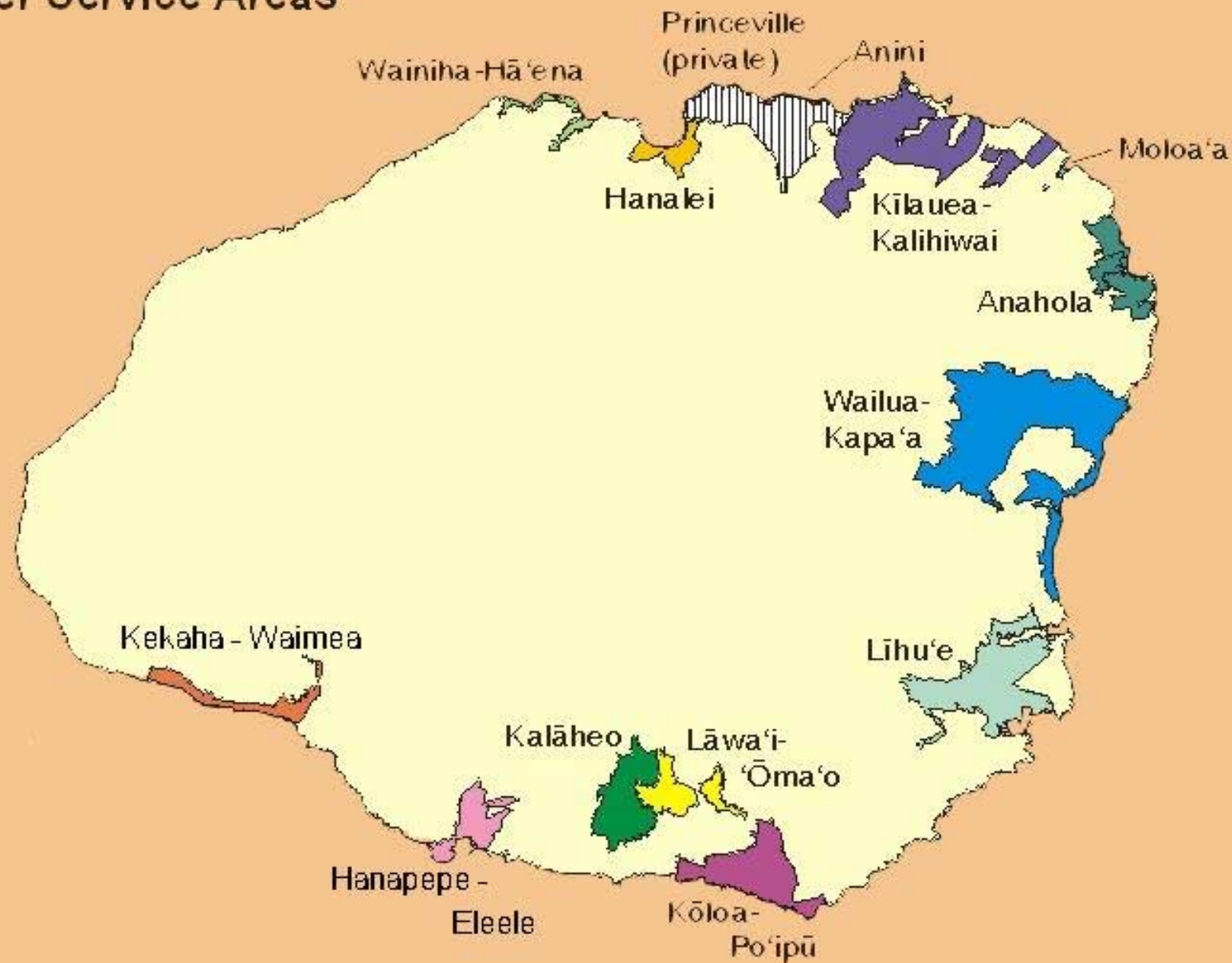
Founded 1961

- Semi-autonomous agency
- Sets its own budget, financial plan, water rates
- Financially self sufficient; receives no county general fund monies
- Operates based on fees charged for water

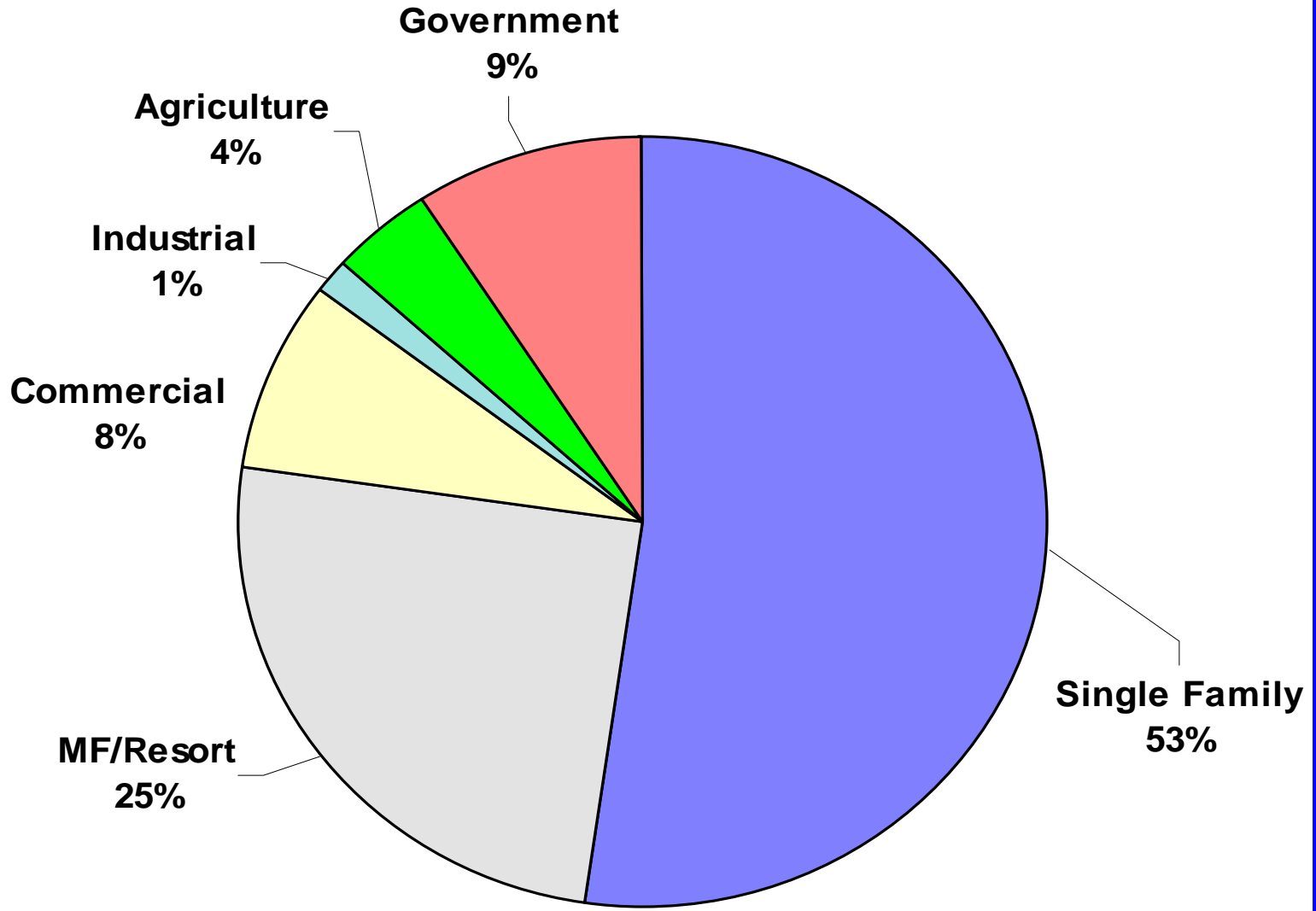
The **Water Board** is responsible for funding and operating safe, reliable public water systems.



Water Service Areas



How Water is Used



Our Future Goals...

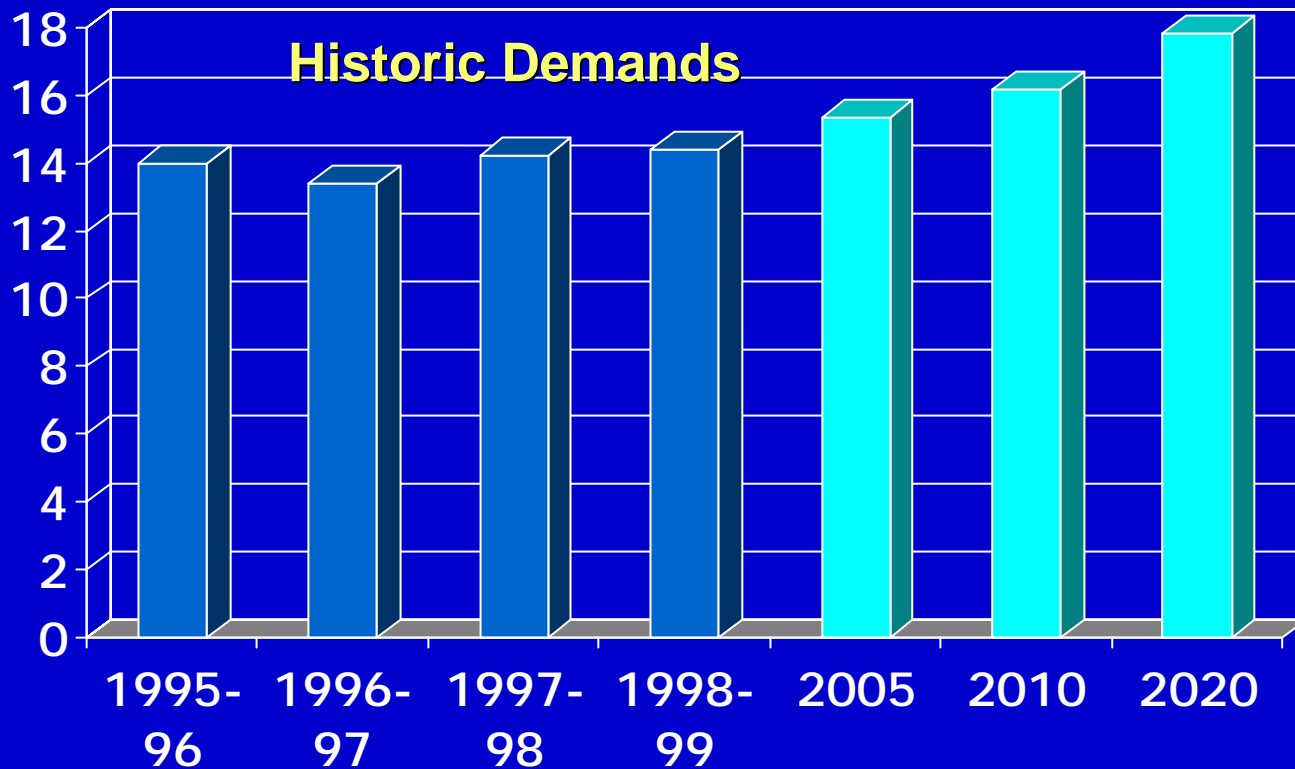
The Water Plan 2020 Road Map



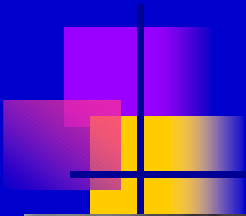
- Ensuring a Reliable Future Water Supply
- Caring for Our Aging Water Systems
- Meeting Changing Drinking Water Regulations
- Ensuring Water Quality
- Increasing Our Customer Service

Ensuring a Reliable Future Water Supply

Projected Demands



Caring for Our Aging Water Systems



Waimea



Koloa



Hanalei

Pipelines

Storage

Sources



Eleele



Ornellas



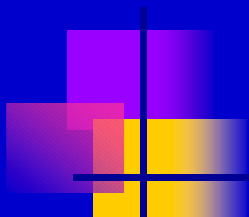
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Kalaheo



Lihue



Meeting Changing Drinking Water Regulations

Groundwater
Rule

Radon

Operator
Certification

Unregulated
Contaminants

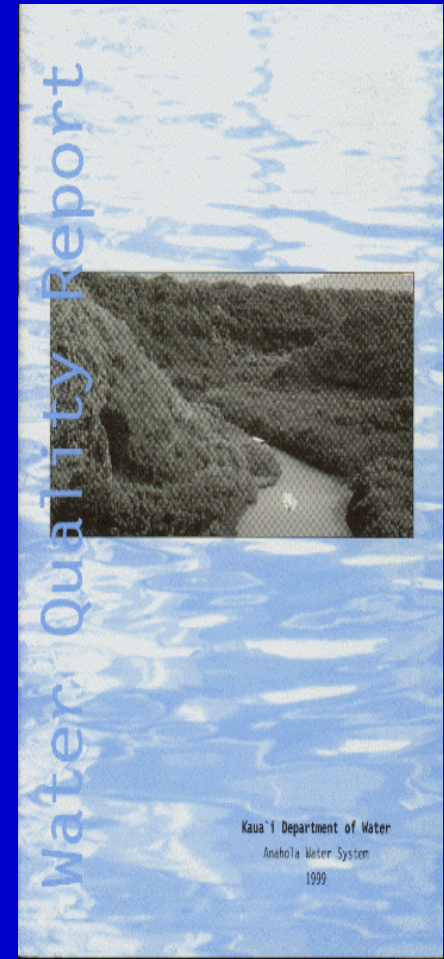
Disinfectants
And
Disinfection
By-Products

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Ensuring Water Quality



State DOH and EPA
Drinking Water Quality Regulations





Increasing Our Customer Service

- Increased Service for The Future
- Repairing and Replacing Aging Systems Before They Break Down
- Providing Long-Term Financial Security



The Heart of Water Plan 2020

The 20 year Road Map

- Capital Improvement Program (CIP)
- Capital Rehabilitation and Replacement Programs (CRP) and (CRPL)
- Long Range Financial Plan
- Five Year Water Rate Study and Recommendations