



**Water  
Quality  
Plan  
2014**

# DOH Water Quality Plan Update

**Commission on Water  
Resource Management  
Meeting  
July 16, 2014**

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Environmental Planning Office  
Hawaii State Department of Health**



**Environmental Health Administration  
Healthy People • Healthy Communities • Healthy Islands**

# Schedule for DOH Water Quality Plan Update



## Internal DOH Planning Meetings

- **October - March 2014**

## Government Agency Planning Meetings

- **March - September 2014**, including a session at the 2nd Annual Joint Government Water Conference (August 2014)
- **July 2014** – Preliminary draft for agency review
- Agency comments due by **July 21, 2014**

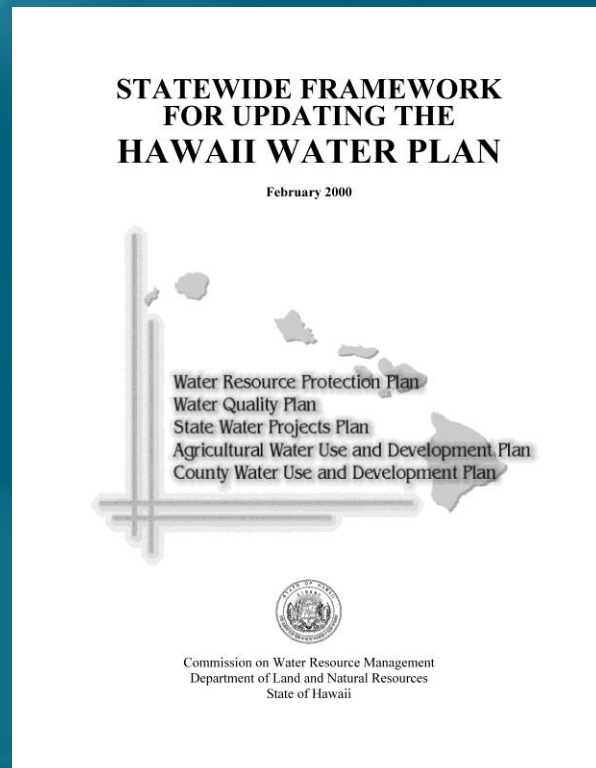
## Public Meetings

- **August 2014** – Draft Water Quality Plan
- **August - October 2014**, including sessions at the 2nd Annual Joint Government Water Conference (August 2014)
- Public Comments due by **October 15, 2014**

## Final Collaboration with Government Agencies and Public

- **January 2015**: Final Water Quality Plan

# Utilize *Framework for Updating the Hawaii Water Plan*, dated February 2000



## Recommended Plan Elements:

- Source Water Assessment and Protection (SWAP) Program
- Source Water Protection Strategy
- Other DOH Programs (e.g. UIC, Wastewater, etc.)
- Developing Effective Linkages Between Inter-Agency Programs
- Recommended WQP Guidelines

# Clean Water Branch

- **Surface Water Quality Management Program**
  - Water Quality Standards
  - Beach Monitoring Program
  - Total Maximum Daily Load (TMDL)
  - Polluted Runoff Control Program
  - NPDES Program



# Water Quality Maps



- <http://health.hawaii.gov/cwb/site-map/clean-water-branch-home-page/water-quality-standards/>

# Safe Drinking Water Branch

- Comprehensive State Groundwater Protection (CSGWP) Program Strategy/Plan
- Source Water Assessment and Protection (SWAP) Program
- Underground Injection Control (UIC) Program
- Groundwater Contamination Viewer
- Drinking Water State Revolving Fund (\$149,000,000 in low-interest loans since 1997)

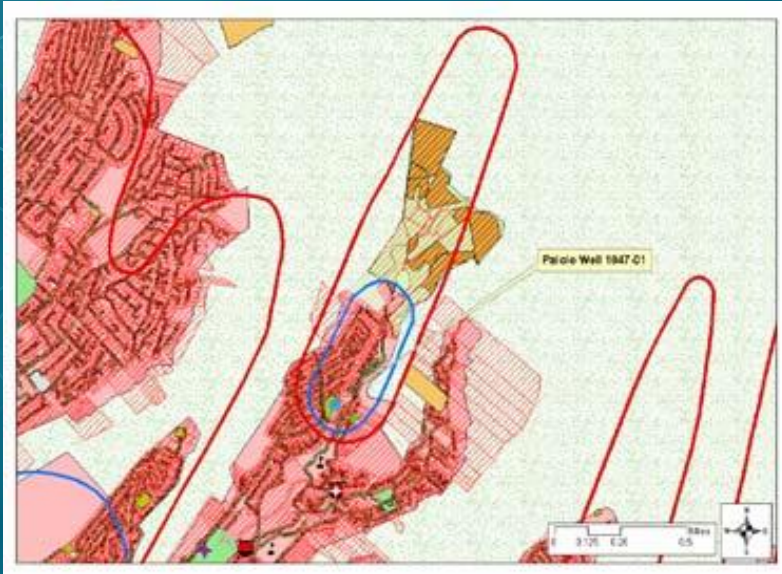


Hakalau Iki Spring Box, Hamakua, Hawaii  
>\$690,000 DWSRF project



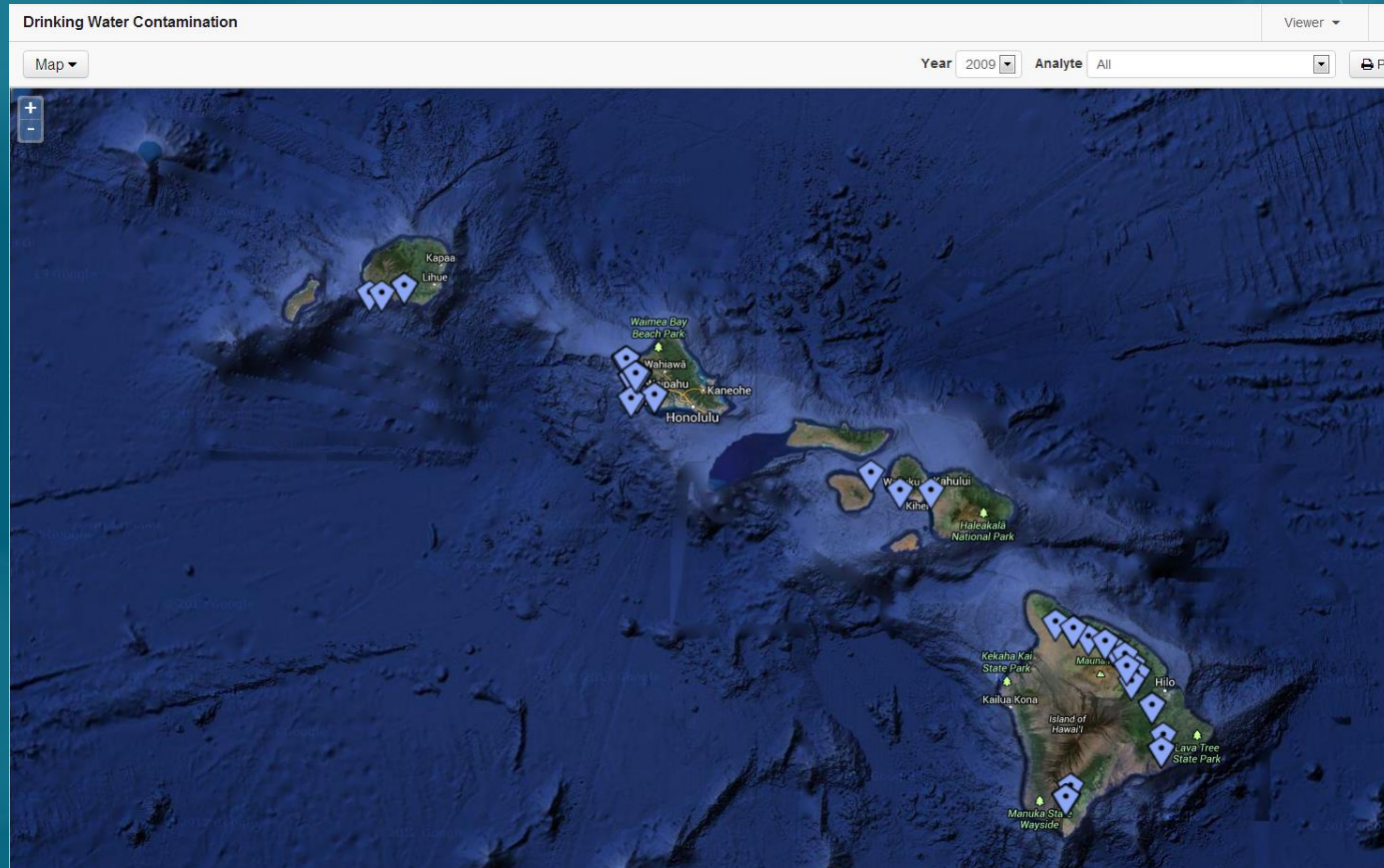
# SDWB Changes and Challenges: SWAP Program

- >500 assessments conducted (all sources to date)
- Report updated in 2006
- Continuing assessments for new and proposed drinking water sources
- Moving toward protection with continued collaboration on protection strategies and plans
- Focus planning on real threats – Potential Contaminating Activities within SWAP Capture Zone.



- Utilize the EPA-approved Wellhead Protection Financial Assistance Program (WHP-FAP)
  - \$3,172,431 spent/encumbered to date

# Groundwater Contamination Viewer

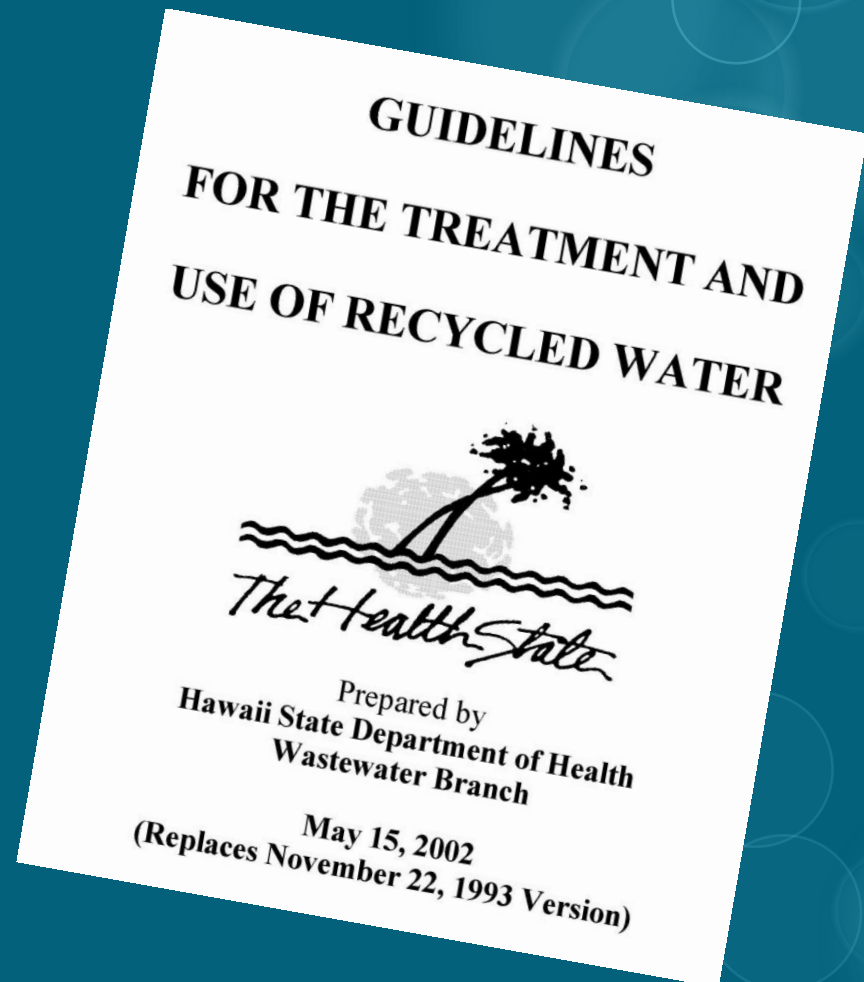


- <http://health.hawaii.gov/sdwb/groundwater-contamination-viewer/>

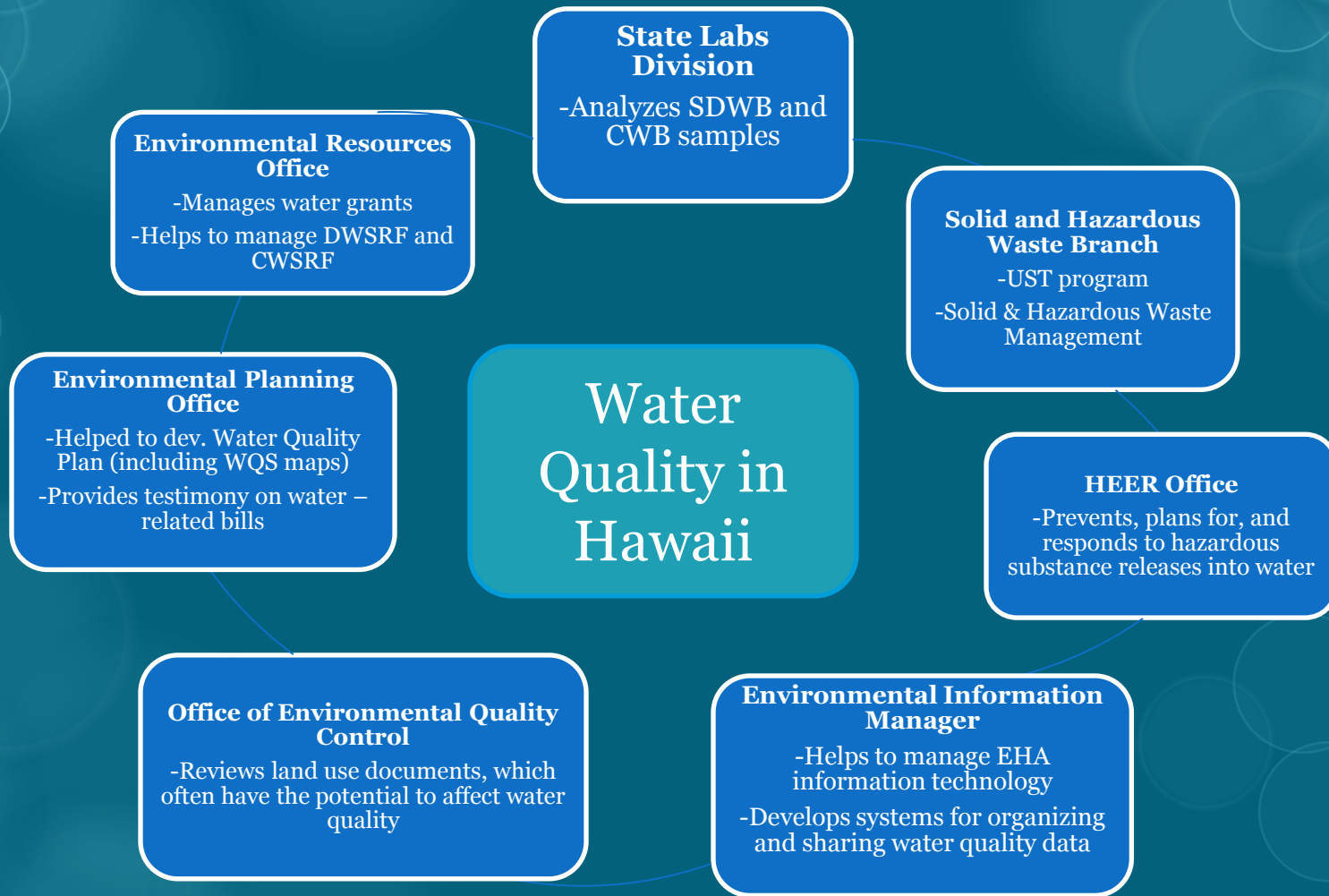


# Wastewater Branch

- Revision of the 2002 *Wastewater Reuse Guidelines*
- Update of DOH administrative rules to prohibit the construction of new cesspools and require cesspool upgrades upon transfer of property
- Clean Water State Revolving Fund (\$675,300,000 in low-interest loans since 1988)



# Other DOH Water Quality Work



## Hawaii Department of Health Contact Info

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