

**HOUSE COMMITTEE ON FINANCE
BUDGET REQUEST FOR SUPPLEMENTAL BUDGET 2008-2009**

January 2008

Program Structure Number: 09 02 01

Program I.D. and Title: LNR 810 - Prevention of Natural Disasters

1. Introduction

a. Summary of Program Objectives

To minimize death, injury, disability, property damage and economic losses resulting from natural disasters through activities related to floodplain management and the regulation of dams and reservoirs.

b. Description of Program Objectives

- 1) Coordinate flood prevention and develop flood control projects by maintaining the General Flood Control Plan for Hawaii.
- 2) Prepare post-flood reports including the description of storms, extent of flooding and flood damages.
- 3) Assist counties in qualifying for Federal projects and funding.
- 4) Administer the National Flood Insurance Program (NFIP) in the State of Hawaii. Work with the counties to ensure that new construction is built in compliance with NFIP regulations and local floodplain management ordinances.
- 5) Conduct public outreach and education about the National Flood Insurance Program and FEMA mapping efforts.
- 6) Maintain and continually update an inventory of dams in the State.
- 7) Inspect dams and reservoirs at least once every five years.
- 8) Regulate the construction of new dams and reservoirs and/or modifications or abandonment of existing dams and reservoirs.
- 9) Assist dam owners to mitigate emergencies resulting from their dams or reservoirs.

10) Conduct dam safety public awareness workshops on current information on dam safety.

11) Provide technical support to State, Federal and private dam owners.

c. How Program Intends to Meet its Objectives Within the Upcoming Fiscal Year

Public education is key to flood awareness and prevention. The program intends to continue its public outreach through technical assistance, publications, workshops and displays. The dam safety program will proceed with dam safety inspection program, continue with technical assistance to dam owners, coordinate with owners and other government agencies for emergency response and process dam safety permits.

2. Program Performance Results

a. Performance Results Achieved in FY 2007

The flood unit program promoted the NFIP in the state through quarterly newsletters, attendance at the Building Industry Association (BIA) exhibition show, and through the production of the Hawaii Floodplain Managers Conference. Other NFIP tasks conducted during FY2007 was Community Assistance Visits and inspections of various coastal properties for compliance with floodplain management regulations. In keeping with the program's objective to conduct public outreach and awareness, the flood unit has created an internet website (www.hawaiinfip.org) to promote awareness about the NFIP and post Hawaii specific flood hazard mapping information. The flood unit has also embarked on a project to develop an internet based tool where the public can assess their flood risk. Upon completion of this project, the Flood Hazard Assessment Tool will be deployed through the Hawaii NFIP homepage

Additionally the flood unit continued partnerships with the US Army Corps of Engineers, US Natural Resource Conservation Service, US Geological Survey, National Weather Service, and the Counties on various flood mitigation projects, studies and early flood warning systems

The Dam Safety Unit inspected all high hazard dams and almost all other regulated dams following the earthquakes of October 2006. Similarly the program has continued with its inspection and assessment program to verify the condition of dams statewide. The program assisted the legislature in producing updated revisions to the Hawaii Dam Safety Law, which will the program in regulating dam and reservoir structures statewide. The program has also continued with its update of the inventory of regulated dams and has initiated an inventory of unregulated dams. Finally the dam safety program has continued partnerships with the US Army Corps of Engineers, the US Geological Survey, National Weather Service, Pacific Disaster Center and the Counties on dam failure inundation mapping and related dam safety monitoring and warning systems.

b. How These Results Relate to the Program's Objectives and the Department's Mission

The protection of lives and property through the management of flood hazard areas and regulation of dams and reservoirs results in the protection of our natural resources.

c. How the Effectiveness of the Program is Measured and Comparison with Performance Results Achieved During the Past Two Years

Performance measure used for this program is the number of flood or dam incidents resulting in death, injury or property damage.

d. Actions Taken by the Program to Improve Performance Results

The program working to establish and fill positions previously abolished due to budget restrictions. This will result in the increased ability to provide technical assistance and seek/implement flood control or dam safety projects. The program is also working on a proposal to increase application fees for dam construction, modification or removal in order to provide funding to offset costs for services provided.

The program plans to continue to partner with FEMA and participate in the various applicable grant programs to ensure supplemental funding is maintained. The Federal funding, combined with the State General funds are essential to the success of the program.

e. Modifications to Program's Performance Measures and Rationale for These Modifications

None

3. Problems and Issues

a. Discussion of Problems or Issues Encountered by Program

The non-compliance of Federal, State and County agencies with National Flood Insurance Program rules and regulations may jeopardize flood insurance coverage and the availability of FEMA funds for disaster relief. The program works with the various agencies to maintain or work toward compliance.

Along with the need for increasing dam safety regulatory oversight, the Flood Control program will need to increase its assistance to review and assess the flooding potential of dams and reservoirs. This is evident with the increase of potential dam and reservoir closure requests since the Kaloko Dam breach.

b. Program Change Recommendation to Remedy Problems

The program will increase its outreach to provide additional training and education regarding flood and dam rules and regulations.

c. Program Issues or Problems that have Affected or Will Affect the Implementation of the Program, and Corrective Measures or Remedies Established or Planned

The Dam Safety and Flood Control programs have historically been underfunded and understaffed. The Kaloko Dam breach in March 2006 draws attention to the Dam Safety program's staffing and resource limitations. To correct these limitations, the 2006 Legislature authorized two additional engineers for the Dam Safety program, however, the program has encountered difficulties in filling these positions. Additional resources for the program are critical to properly address the flood potential of dams and reservoirs in protecting the public's health, safety and welfare.

4. Projected Expenditures for Fiscal Year 2008

	Appropriation Act 213/07 <u>FY 2007 - 2008</u>	<u>Collective Bargaining</u>	<u>Transfer In/(Out)</u>	<u>Governor's Restrictions</u>	<u>Estimated Total Expenditure</u>
(Pos. Count)	(8.00)				(8.00)
Personal Services	501,574	17,115	0	0	518,689
Current Expenses	347,857	0	0	0	347,857
Equipment	31,000	0	0	0	31,000
Motor Vehicles	30,000	0	0	0	30,000
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(Pos. Count)	(8.00)				(8.00)
Total	910,431	17,115	0	0	927,546
LESS:					
(Pos. Count)	(0.00)				(0.00)
Special Funds	0	0	0	0	0
(Pos. Count)	(0.50)				(0.50)
Federal Funds	269,745	641	0	0	270,386
(Pos. Count)	(0.00)				(0.00)
Revolving Funds	0	0	0	0	0
(Pos. Count)	(7.50)				(7.50)
General Funds	640,686	16,474	0	0	657,160

a. Explain all Transfers within the Program I.D. and its Impact on the Program

None

b. Explain all Transfers Within or Between Program I.D.s and Impact on the Program

None

c. Explain Restrictions and its Impact on the Program

None

5. Supplemental Budget Request for FY 2009

	<u>Appropriation Act 213/07 FY 2008-2009</u>	<u>Budget Adjustment FY 2008-2009</u>	<u>Supplemental Request FY 2008-2009</u>
(Pos. Count)	(8.00)	(1.00)	(9.00)
Personal Services	524,667	0	524,667
Current Expenses	345,857	20,000	365,857
Equipment	29,000	0	29,000
Motor Vehicles	0	0	0
(Pos. Count)	(8.00)	(1.00)	(9.00)
Total Requirements	899,524	20,000	919,524
Less:			
(Pos. Count)	(0.00)	(0.00)	(0.00)
Special Funds	0	0	0
(Pos. Count)	(0.50)	(0.00)	(0.50)
Federal Funds	269,745	0	269,745
(Pos. Count)	(0.00)	(0.00)	(0.00)
Revolving Funds	0	0	0
(Pos. Count)	(8.50)	(0.00)	(8.50)
General Funds	629,779	20,000	649,779

a. Workload or Program Request

(1) Flood Control Program Consultant Services

i. Description of Request, Reason for Request, Desired Outcomes or Objectives to be Accomplished

This request for \$20,000 to update and maintain the General Flood Control Plan for Hawaii, as mandated by HRS Chapter 179, to aid in documenting significant and/or recurring flooding problems statewide. Regular updates of the Plan will allow the program to further investigate and/or develop projects or partnerships to mitigate flooding conditions.

ii. Listing/Description of Positions Requested, Funding Requirements by Cost Category and Source of Funding

<u>Position/ Category</u>	<u>FY09</u>	<u>Source of Funds</u>
Current Expenses	\$20,000	General

- iii. For Lump Sum Requests, Provide Detailed Breakout Indication Specific Purposes for All Planned Expenditures

None

- (2) Conversion of Temporary Position to Permanent

- i. Description of Request, Reason for Request, Desired Outcomes or Objectives to be Accomplished

Conversion of temporary, general-funded Information Technology Specialist III position to permanent status is requested to support both the flood control and dam safety units with development and maintenance of GIS, computer and website applications to provide information and technical assistance to the public and other agencies. Position was originally funded by Federal funds, but was converted to general funds in FY08 to allow the continued updating of electronic flood mapping designations beyond the Federal grant funding.

- ii. Listing/Description of Positions Requested, Funding Requirements by Cost Category and Source of Funding

<u>Position</u>	<u>FY09 Adjustment</u>	<u>Addl Funds Requested</u>
ITS III (Temporary)	-(1.00)	0
ITS III (Permanent)	(1.00)	0

- iii. For Lump Sum Requests, Provide Detailed Breakout Indication Specific Purposes for All Planned Expenditures

None

- b. For Positions Count Reductions, Specify as New, Filled or Vacant

None

6. Program Restrictions

Restrictions carried over from FY 2007, as well as additional reductions due to the Department of Budget and Finance's budget ceiling for FY 2008 and FY 2009.

None at this time

7. Capital Improvement Requests for FY 2009

None

8. Proposed Lapses of Capital Improvements Program Projects

None