

**Department of Water Resources**

## **Opening Doors to Funding Opportunities**

### **California Bond Law Programs for**

Water Supply/Water Quality  
Water Conservation  
Flood Management  
Regional Water Management

## **General Obligation Bond Laws**

- **Proposition 82** ♦ Water Conservation Bond Law of 1988
- **Proposition 204** ♦ Safe, Clean, Reliable Water Supply Act of 1996
- **Proposition 13** ♦ Safe Drinking Water, Clean Water, Watershed Protection, and Flood Protection Act of 2000
- **Proposition 50** ♦ Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002



## General Obligation Bond Laws

- **Proposition 84** ♦ Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006
- **Proposition 1E** ♦ Disaster Preparedness and Flood Protection Bond Act of 2006



## Proposition 82

Water Conservation Bond Law of 1988



## New Local Water Supply Program

### **Construction Loans**

- Up to \$5 million per project
- Up to a 20-year repayment term
- Interest set at the State's rate on most recent General Obligation bond sale

### **Feasibility Study Loans**

- Up to \$500,000 per eligible study
- Up to a 5-year repayment term
- Interest set at the State's rate on most recent General Obligation bond sale



## New Local Water Supply Program

### **Typical Projects**

- Projects constructed to increase local water supplies including:
  - Canals
  - Dams, reservoirs, or storage tanks
  - Well field development
  - Facilities for storage or distribution of reclaimed water for reuse
  - Desalination facilities



## New Local Water Supply Program

### ***Eligible Applicants***

- Public Agencies Only – cities, counties, city/county partnerships, Joint Powers of Authority, or other political subdivisions of the State

### ***Funding***

- \$20 million authorized
- \$10.9 million available



## New Local Water Supply Program

### ***Application Information***

- Applications accepted/evaluated on continuous basis
- Eligible projects funded on first come, first served basis to limits of available funds
- Applications may be downloaded from our website:

[www.grantsloans.water.ca.gov](http://www.grantsloans.water.ca.gov)



## Proposition 204

Safe, Clean, Reliable  
Water Supply Act of 1996



## Drainage Reuse Program

### ***Eligible Uses***

- Research and technical study projects to develop methods to reuse subsurface agricultural drainage water

### ***Eligible Applicants***

- Public Agencies



## Drainage Reuse Program

### ***Funding***

- \$700,000 in FY 2008-09
- Grant Cap: \$200,000 per project
- Cost-shared proposals highly desirable

### ***Additional Information***

- Submit proposals by June 30, 2008
- Priority will be given to proposals submitted by the former San Joaquin Valley Drainage Implementation Program member agencies
- Maximum project duration – 2 years



## Proposition 13

Safe Drinking Water, Clean Water,  
Watershed Protection, and  
Flood Protection Act of 2000



## Agricultural Water Conservation Loan Program

### **Construction Loans**

- Up to \$5 million per project
- Up to a 20-year repayment term
- Interest set at 1/2 the State's rate on most recent General Obligation bond sale



## Agricultural Water Conservation Loan Program

### **Typical Projects**

- Projects to increase agricultural water conservation including:
  - Line or pipe canals or ditches
  - Replace leaking tanks or repair leaking reservoirs
  - Cover or line open reservoirs
  - Construct tail water pump-back recovery systems
  - Replace or install distribution system controls
  - Capital outlay features of agricultural water conservation programs



## Agricultural Water Conservation Loan Program

### ***Eligible Applicants***

- Local agencies, including public agencies and incorporated mutual water companies

### ***Funding***

- \$35 million authorized
- \$31.7 million available



## Agricultural Water Conservation Loan Program

### ***Application Information***

- Applications accepted/evaluated on continuous basis
- Applications may be downloaded from our website:

[www.owue.water.ca.gov](http://www.owue.water.ca.gov)



## Proposition 50

Water Security, Clean Drinking Water,  
Coastal, and Beach Protection Act of 2002



## Water Use Efficiency Program

### ***Urban and Agricultural Water Use Efficiency Projects***

- Implementation projects that provide multiple benefits to water supply, water quality, and the environment;
- Support projects, such as:
  - research and development
  - feasibility studies and pilot/demonstration projects
  - training, educational, or public information programs
  - technical assistance



## Water Use Efficiency Program

### ***Eligible Applicants***

- Local agencies, non-profit organizations, and tribes

### ***Funding***

- \$35.3 million in FY 2007-08
- Matching funds required for implementation projects; reduced or waived for disadvantaged communities
- Split 50/50 between agricultural and urban projects
  - 87.5% toward implementation projects (Section A)
  - 12.5% toward support projects (Section B)



## Water Use Efficiency Program

### ***Application Information***

- Draft PSP Release: Anticipated: Jan. 2008
- Final PSP Release: Anticipated: Mar. 2008
- Request for Concept Proposals:
- Concept Proposals Due:
- Full Proposals Due: } TBD
- DWR Final Funding Decision:
- Agreements in Place:



## Local Groundwater Assistance Program

### ***Eligible Projects***

- Groundwater studies
- Groundwater monitoring
- Groundwater management



## Local Groundwater Assistance Program

### ***Eligible Applicants***

- Local public agencies

### ***Funding and Schedule***

- \$6.4 million available in FY 2007-08
- Up to \$250,000 per applicant
- 122 applications submitted in December 2007  
(for total of \$26.7 million in requested funds)
- Applications currently under technical review
- Technical advisory panel/public meeting – April 2008
- Anticipate award – May 2008

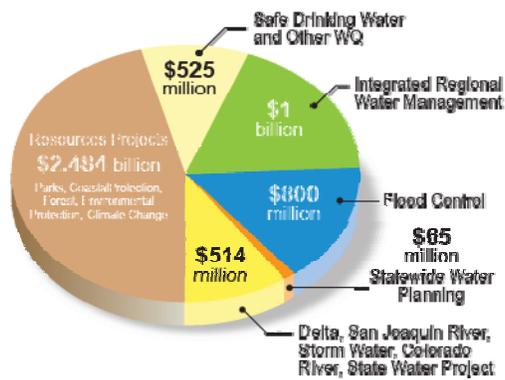


# Proposition 84

Safe Drinking Water,  
Water Quality and Supply, Flood Control,  
River and Coastal Protection  
Bond Act of 2006



# Proposition 84



## Proposition 84 – Selected DWR Program Funding Allocations

### Chapter 2

Integrated Regional Water Management (IRWM)  
Program ♦ \$1 billion

Delta water quality improvement projects ♦ \$130 million

### Chapter 3

Flood control projects ♦ \$275 million

Flood protection corridor projects ♦ \$40 million

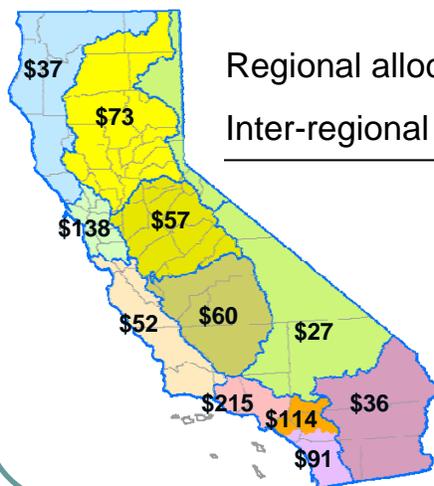
Delta flood control projects ♦ \$275 million

### Chapter 5

Urban Streams Restoration Program ♦ \$18 million



## Integrated Regional Water Management



Regional allocations: \$900 million

Inter-regional allocations: \$100 million

Total: \$1 billion



## Integrated Regional Water Management

### ***Eligible Uses***

- Projects that assist local public agencies to meet long-term state water needs, including delivery of safe drinking water, protection of water quality, and protection of the environment
  - Development/revision of IRWM plans
  - Implementation projects of IRWM plans



## Integrated Regional Water Management

### ***Eligible Applicants***

- Local public agencies representing an IRWM effort. (Other IRWM partners may access funds through their own agreements with the applicant/grantee.)

### ***Funding***

- No FY 2007-08 appropriation



## Integrated Regional Water Management

### ***Additional Information***

- Program guidelines
  - Pending FY 2008-09 budget
  - Work continuing
- Multiple rounds of funding
- 25% minimum cost share
- No maximum grant amount

Visit our website for FY 2008-09 updates:

[www.grantsloans.water.ca.gov](http://www.grantsloans.water.ca.gov)



## Regional Flood Management Planning

### ***Eligible Uses***

- Planning efforts to address flood management issues on a regional level
- Funded planning efforts must be consistent with IRWM plans

### ***Funding***

- Up to \$20 million
- To be managed in conjunction with IRWM planning grants



## Delta Water Quality Improvement Projects

### ***Eligible Projects***

- Provide public benefit
- Improve/protect drinking water supplies
- Result in measurable water quality improvement
- Located geographically within the San Joaquin or Sacramento River Basins, or the legal Delta



## Delta Water Quality Improvement Projects

<b>Eligible Locations</b>	<b>Eligible Project Objectives</b>
West Side San Joaquin Valley	Reduction of agricultural drainage discharges with high salinity
San Joaquin River Basin	Reduction of discharges with high salinity, dissolved organic carbon, bromides, pesticides, and/or pathogens
Sacramento River Basin	Reduction of discharges with pesticides and/or pathogens
Franks Tract and Delta	Reduction of high salinity at Franks Tract and Delta drinking water and agricultural intakes
Delta Region	Delta Region Water Quality Management Plan (2005)



## Delta Water Quality Improvement Projects

### ***Eligible Applicants***

- Local, state, and federal agencies, entities and interests with project (s) meeting requirements of Public Resource Code §75029

### ***Funding***

- \$130 million total funding (including program delivery)
- Three funding cycles  
*(See next slide for proposed funding distribution/cost share)*



## Delta Water Quality Improvement Projects

Eligible Locations	Total Funding	Maximum Award	Local Cost Share
West Side San Joaquin Valley	\$40 million	\$10 million	50%
San Joaquin River Basin	\$10 million	\$5 million	50%
San Joaquin River Basin	\$10 million	\$5 million	50%
Franks Tract and Delta	\$20 million	\$20 million	50%
Delta Region	\$40 million	\$30 million	50%



## Local Levee Grant Program

### **Two Components**

- Local Levee Urgent Repair (LLUR)
- Local Levee Evaluations (LOLE)

### **Eligible Applicants**

- Local Public Agencies



## Local Levee Grant Program

### **Local Levee Urgent Repair (LLUR)**

Repair and improve critically damaged local levees that are NOT:

- Part of the State Plan of Flood Control
- Located in the Central Valley
- Located in the Sacramento-San Joaquin Delta

### **Funding**

- \$40 million in FY 2007-08 (Prop 84, §75032)
- Grant cap: \$5 million per applicant



## Local Levee Grant Program

### **Local Levee Evaluations (LOLE)**

Evaluate stability, seepage, and underseepage of local levees that are NOT:

- Part of the State Plan of Flood Control
- Located in the Central Valley
- Located in the Sacramento-San Joaquin Delta

### **Funding**

- \$20 million in FY 2007-08 (Prop 84, §75032)
- \$10 million in FY 2008-09 (Prop 84, §75032)
- Grant cap: \$1 million per applicant



## Feasibility Studies

Conduct feasibility-level investigations of proposed flood risk reduction projects

- Guidelines to be developed in spring 2008
- First funding cycle expected in FY 2008-09

### **Funding**

- \$10 million in FY 2007-08 (Prop 84, §75032)
- \$10 million in FY 2008-09 (Prop 84, §75032)



## Flood Protection Corridor Program

### **Objectives**

Flood risk reduction through primarily non-structural projects that include wildlife habitat enhancement, agricultural land preservation, or both

Avoid future flood damage and correct existing problems by restoring natural fluvial and related biological processes in flood corridors



## Flood Protection Corridor Program

### **Eligible Applicants**

- Local Public Agencies
- Non-Profit/Citizens' Groups

### **Funding**

- \$25 million in FY 2007-08 (Prop 84, §75032.5)
- \$12.6 million in FY 2008-09 (Prop 84, §75032.5)
- Grant cap: \$5 million per eligible project



## Delta Levees Program

### ***Two Components***

- Delta Levee Subventions
- Special Flood Control Projects

### ***Funding***

- \$57.9 million in FY 2007-08 (Prop 84, §75033)
- \$59.5 million in FY 2008-09 (Prop 84, §75033)



## Delta Levees Program

### ***Delta Levee Subventions***

- California Delta Levee System maintenance projects that meet goals of the CALFED Record of Decision (2000) and environmental mitigation requirements of AB 360
- Up to 75% State reimbursement for eligible costs, pursuant to executed funding agreement



## Delta Levees Program

### ***Special Flood Control Projects***

- Flood protection improvement projects and habitat restoration in the Delta. Projects must meet environmental mitigation requirements of AB 360
- Up to 100% State reimbursement for eligible costs, pursuant to executed funding agreement



## Flood Control Subventions Program

### ***Eligible Uses***

- Implementation of federally-authorized flood control projects, including:
  - major projects (authorized by U.S. Congress)
  - small projects (authorized by PL 80-858 and U.S. Army Chief of Engineers)
- Watershed Protection Flood Prevention Projects (authorized by the Natural Resources Conservation Service)



## Flood Control Subventions Program

### **Eligible Applicants**

- Local Public Agencies

### **Funding**

- \$100 million in FY 2007-08 (Prop 84, §75034)
- \$73.7 million in FY 2008-09 (Prop 84, §75034)
  - 50% - 70% State reimbursement for eligible costs



## Urban Streams Restoration

### **Objectives**

- Reduce damages from stream bank and watershed instability and floods while restoring the environmental and aesthetic values of streams
- Encourage stewardship and maintenance of streams by communities



## Urban Streams Restoration

### ***Eligible Uses***

- Creek cleanups
- Eradication of exotic or invasive plants
- Channel reconfiguration to improve stream geomorphology and aquatic habitat functions
- Acquisition of parcels critical for flood management
- Coordination of community involvement in projects



## Urban Streams Restoration

### ***Eligible Applicants***

- Local Public Agencies
- Non-Profit/Citizens' Groups

### ***Funding***

- \$18 million
- Grant cap: \$1 million per project

*Single funding cycle anticipated in FY 2009-10*

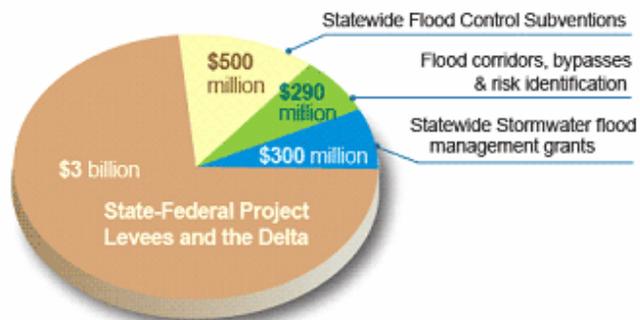


# Proposition 1E

Disaster Preparedness  
and Flood Protection  
Bond Act of 2006



# Proposition 1E



## Proposition 1E – Selected DWR Program Funding Allocations

**State Plan of Flood Control Projects** ♦ \$3 billion

**Flood control and flood prevention projects** (Non-State Plan of Flood Control) ♦ \$500 million

**Flood protection corridor/bypass projects** ♦ \$290 million

**Stormwater flood management projects** ♦ \$300 million



## Floodway Corridor Program

### **Objectives**

Flood risk reduction through primarily non-structural projects that include wildlife habitat enhancement, agricultural land preservation, or both

Avoid future flood damage and correct existing problems by restoring natural fluvial and related biological processes in flood corridors

*(Focus will likely be on protecting urban areas from flooding)*



## Floodway Corridor Program

### ***Eligible Applicants***

- Local Public Agencies
- Non-Profit/Citizens' Groups

### ***Funding***

- \$40 million in FY 2008-09 (Prop 1E, §5096.825)



## Floodway Corridor Program

### ***Additional Information***

- Guidelines to be developed in spring 2008
- First funding cycle expected in FY 2008-09



## Early Implementation Projects

*(State-federal Flood Control System Modifications)*

### **Objectives**

- Rehabilitate, reconstruct, or replace levees, weirs, bypasses, and facilities of the State Plan of Flood Control
- Improve or add to facilities of the State Plan of Flood Control to increase flood protection levels for urban areas



## Early Implementation Projects

*(State-federal Flood Control System Modifications)*

### **Eligible Applicants**

- Local Public Entity (with appropriate legal authority and jurisdiction)

### **Funding**

- \$45 million in FY 2007-08 (Prop 84, §75032)
- \$173.4 million in FY 2007-08 (Prop 1E, §5096.821)
- \$171.2 million in FY 2008-09 (Prop 1E, §5096.821)



## Early Implementation Projects

(State-federal Flood Control System Modifications)

### **Additional Information**

- Guidelines to be developed in spring 2008
- Next funding cycle expected in FY 2008-09



## Stormwater Flood Management

### **Eligible Uses**

Projects designed to manage stormwater runoff to reduce flood

→ Applicants must demonstrate reduction in flood damage

### **Funding**

- \$300 million total
- Minimum 50% cost share; cannot waive or reduce



## For Further Information on DWR Programs

- **Grants and Loans Website**
  - [www.grantsloanswater.ca.gov](http://www.grantsloanswater.ca.gov)
- **General Program/Contact Liaison Information**
  - David Rolph – (916) 651-9635;  
[drolph@water.ca.gov](mailto:drolph@water.ca.gov)
  - Debbie Carlisle – (916) 651-9624;  
[carlisle@water.ca.gov](mailto:carlisle@water.ca.gov)



## For Further Information on DWR Programs (cont'd)

- **New Local Water Supply**
  - David Rolph – (916) 651-9635;  
[drolph@water.ca.gov](mailto:drolph@water.ca.gov)
- **Drainage Reuse Program**
  - Jose Faria – (559) 230-3339;  
[jifaria@water.ca.gov](mailto:jifaria@water.ca.gov)
- **Agricultural Water Conservation and Water Use Efficiency**
  - Baryohay Davidoff – (916) 651-9666;  
[baryohay@water.ca.gov](mailto:baryohay@water.ca.gov)



## For Further Information on DWR Programs (cont'd)

- **Local Groundwater Assistance**
  - Harley Davis – (916) 651-9229;  
[hdavis@water.ca.gov](mailto:hdavis@water.ca.gov)
- **Integrated Regional Water Management and Stormwater Flood Management**
  - Tracie Billington – (916) 651-9226;  
[tracieb@water.ca.gov](mailto:tracieb@water.ca.gov)
- **Delta Water Quality Improvements**
  - Bob Pedlar – (916) 653-5085;  
[rpedlar@water.ca.gov](mailto:rpedlar@water.ca.gov)



## For Further Information on DWR Programs (cont'd)

- **Flood Management Programs**
  - Chris McCready – (916) 657-5400;  
[mccready@water.ca.gov](mailto:mccready@water.ca.gov)
- **Urban Streams Restoration**
  - Sara Denzler – (916) 651-9625;  
[sdenzler@water.ca.gov](mailto:sdenzler@water.ca.gov)

