

# Bay Area Integrated Regional Water Management Plan

South Bay Subregion  
Stakeholder Outreach Meeting #1  
September 14, 2010

# Meeting Outline

- Introduce the Integrated Regional Water Management (IRWM) Program
- Explain the Bay Area IRWM approach
- Provide update on funding opportunities through the State's IRWM Program
- Review the South Bay Subregion
- Discuss next steps

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# What is IRWM?

- a collaborative effort to manage all aspects of water resources in a region
- crosses jurisdictional, watershed, and political boundaries
- involves multiple agencies, stakeholders, individuals, and groups
- attempts to address the issues and differing perspectives of all the entities involved through mutually beneficial solutions

# Who makes up an IRWM Region?

Region defined as “participation of at least three agencies, two of which have statutory authority over water management, which may include water supply, water quality, flood control, or storm water management.”

# Why do IRWM?

IRWM planning should be “designed to improve regional water supply reliability, water recycling, water conservation, water quality improvement, storm water capture and management, flood management, recreation and access, wetlands enhancement and creation, and environmental and habitat protection and improvement.” (California Water Code §79564)

# When did IRWM start?

- Voters passed Prop 50 (Water Security, Clean Drinking Water, Coastal and Beach Protection Act) in November 2002
- Prop 50 included \$500M for IRWM grants
- Intent was to encourage regional cooperation in water resources planning and flood protection and stormwater management

# How is IRWM done?

- State provides grant funding
  - Regions must be approved by the Department of Water Resources (DWR)
  - Planning grants to develop and improve IRWM plans
  - Implementation grants to construct projects in IRWM plans

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# Four water resource management areas

Water Supply  
and Water  
Quality

Wastewater/  
Recycled Water

Flood Protection  
and Stormwater  
Management

Watershed  
Management,  
Protection, and  
Restoration

# Bay Area IRWM Plan

- Prepared by consultant by using planning grant funding
- Plan includes almost all of the Bay Area
  - Goals and objectives
  - Water management strategies
  - Regional priorities
  - List of actual and potential projects
- Adopted in 2006

# Bay Area Goals and Objectives

- First developed for each of the four functional areas
- Then compiled to identify overarching goals and common interests
- With stakeholder input regional goals and objectives were developed

# Regional Goals

- Contribute to the promotion of economic, social, and environmental sustainability
- Contribute to improved water supply reliability
- Contribute to the protection and improvement of hydrologic function
- Contribute to the protection and improvement of the quality of water resources
- Contribute to the protection of public health and safety and of property
- Contribute to the creation, protection, enhancement, and maintenance of environmental resources and habitats

# Bay Area IRWM Plan Vision

The goals and objectives led to a Bay Area Region vision to guide development of the IRWM Plan

*Working together to enhance sustainable water resources management to support a high quality of life in the Bay Area*

# Bay Area IRWM Plan Implementation

- \$12.5 million grant award to support IRWM projects
  - Water conservation
  - Recycled water and demineralization facilities
  - Water system interties
  - Fish passage

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# Prop 84/1E Funding Opportunities

- Prop 84 Planning Grants
- Prop 84 Implementation Grants
- Prop 1E implementation Grants

# Proposition 84

- Safe Drinking Water, Water Quality, and Supply, Flood Control, River and Coastal Protection Bond Act
- Passed by voters in November 2006
- \$1 billion for IRWM planning and implementation shared by 11 funding areas
- Bay Area is allocated \$138 million
- Several rounds of grants – not all at once

# Proposition 84, continued

- Bay Area Funding Area same as Bay Area Region (SF Bay RWQCB – Region 2)
- DWR Region Acceptance Process (RAP)
- Smaller regions consolidated into Bay Area IRWMP (portions of Napa, Solano and Contra Costa counties, Tomales Bay and Coastsides)
- Subcommittees created for project screening and selection and other tasks as assigned by the CC

# Prop 84 Planning Grants

- Update IRWM plans to
  - Meet new requirements (e.g. climate change)
  - Perform salt and nutrient management planning
  - Integrate flood management into plans
- Up to \$1 million per region this round
- 25% match (no state funds, in-kind OK)
- Bay Area Region Coordinating Committee will apply
- Applications due September 28, 2010
- Also Interregional Planning Grants

# Prop 84 Implementation Grants

- \$15 million Bay Area allocation this round
- Only one grant per region
- 25% match (can't be state funds; waiver for DACs)
- Other requirements (e.g. GMP, UWMP, BMP compliance)
- Bay Area Region Coordinating Committee will apply
- Must agree to update IRWM Plan in two years
- SCVWD wants to work with South Bay subregion to solicit regional project ideas

# Potential Regional Projects

- Landscape irrigation calculator
- Regional conservation
- Regional green infrastructure
- Regional water recycling outreach
- Disadvantaged communities watershed program
- Evaluate ecosystem restoration using steelhead trout
- Floodplain infrastructure and needs assessment

# Proposition 1E

- Disaster Preparedness and Flood Prevention Bond Act
- Also passed by voters in November 2006
- \$300 million for storm water flood management outside Central Valley
- First round is \$212 million
- Some funds targeted
  - \$100 million – seismic work to address public safety
  - \$20 million – prevent sewage discharge to state waters
  - \$20 million – reduce urban flooding in watersheds that drain to SF Bay

# Prop 1E Implementation Grants

- Projects to manage stormwater runoff *to reduce flood damage*
- Consistent with IRWM Plan
- Statewide competition
- \$30 million per project
- \$50% match (no state funds)
- No limit to number of applications from region
- SCVWD wants to work with South Bay subregion to solicit regional project ideas

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# Bay Area Subregions

- Created to facilitate integration of projects
- Allows greater participation of stakeholders
- Four subregions developed



# Detailed Analysis Units (DAUs)



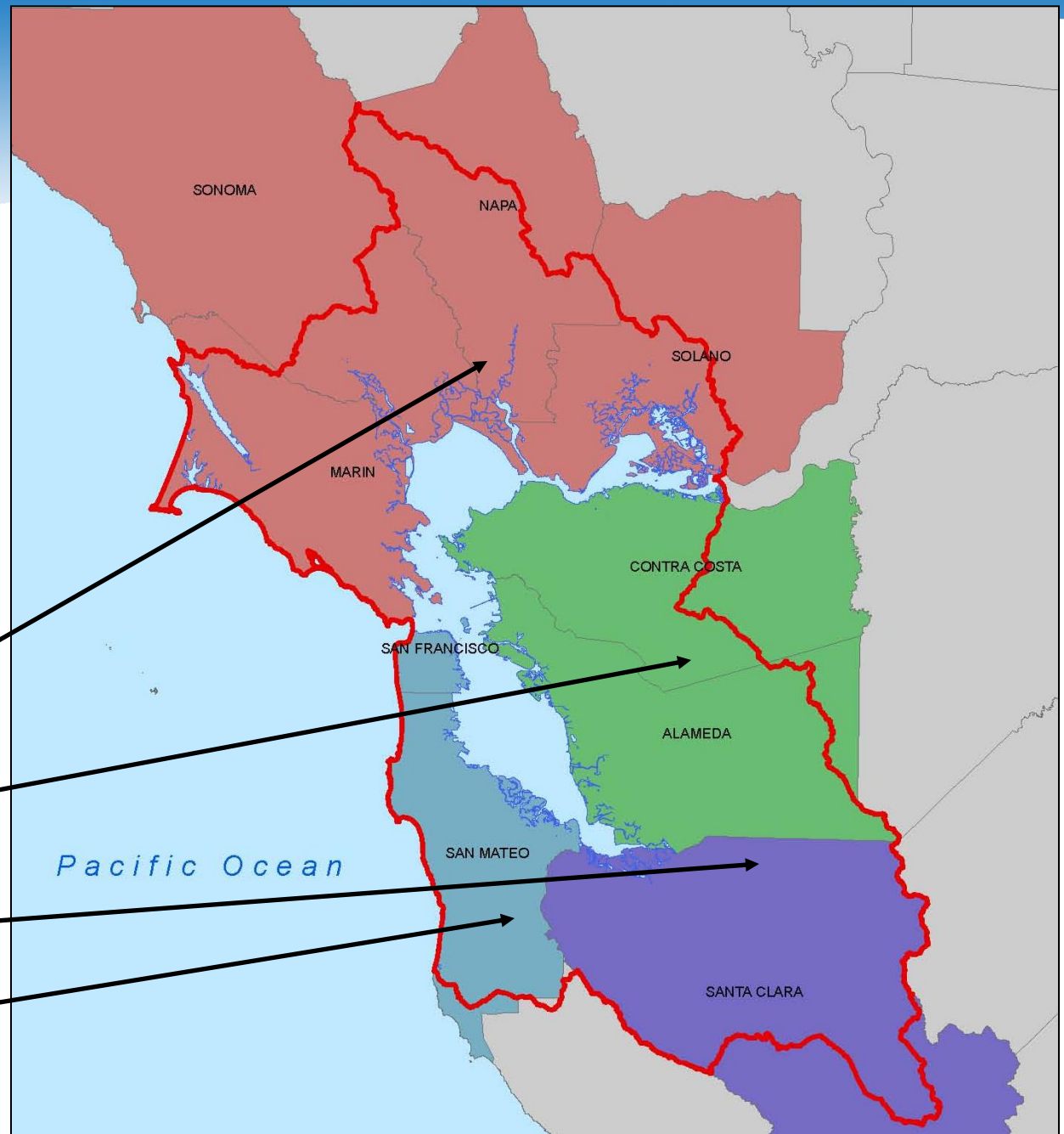
DAU  
adjustments  
with county  
boundaries to  
come up with  
the four  
subregions

North Bay

East Bay

South Bay

Peninsula



# Subregion Funding Allocations

- North Bay – 25%
- East Bay – 29%
- South Bay – 25%
- West Bay – 22%
- Allocation to be met at the end of all Prop 84 funding, not necessarily with each round
- Regional/Bay Area-wide projects benefit all

# South Bay Subregion

- Portion of Santa Clara County that drains to SF Bay
- SCVWD to serve as lead
- Stakeholders include:
  - Santa Clara County
  - Cities
  - Water agencies
  - Other special districts
  - NGOs
  - Private entities
  - Others

# South Bay Subregion Purposes

- Engage more stakeholders in IRWMP process
- Identify projects
  - Integrated
  - Multiple benefits
  - Regional and statewide objectives
    - Less dependence on Delta water
    - Benefits to DACs
    - Address climate change

# Subregional Issues to Address

- Outreach – solicit stakeholder input and support
- Identify and prioritize projects
- Work with Bay Area IRWM CC to get projects in grant application
- IRWM Plan update
- Subregional pages on Bay Area IRWM website
- Others?

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# Next Steps - Suggestions

- Set future meeting dates
- Consider subregional organization structure
- Discuss communication and coordination
- Identify regional projects
- Identify subregional projects
  - Prop 84
  - Prop 1E

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