



Bay Area Integrated Regional Water Management Plan

**Stakeholder
Workshop #1**

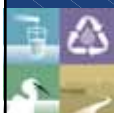
**Regional Initiative
& Objectives**

February 27, 2006



Agenda

- ◆ Introductions
- ◆ Meeting Objectives
- ◆ Overview of the Bay Area IRWMP
- ◆ Recommendations from Regional Survey
- ◆ Draft IRWMP Objectives
- ◆ Public Involvement
- ◆ Q&A



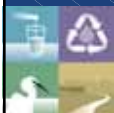
Bay Area IRWMP

Meeting Objectives



Meeting Objectives

- ◆ Provide information about the Bay Area IRWMP
- ◆ Answer questions on IRWMP
- ◆ Receive input on Draft IRWMP Objectives
- ◆ Establish communications and build working relationships



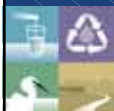
Bay Area IRWMP

Overview of the Bay Area IRWMP



What is the Bay Area IRWMP?

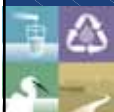
- ◆ Plan that integrates four functional areas of water management:
 - Water Supply and Water Quality
 - Wastewater and Recycled Water
 - Flood Protection and Stormwater Management
 - Watershed Management and Habitat Protection & Restoration



Bay Area IRWMP

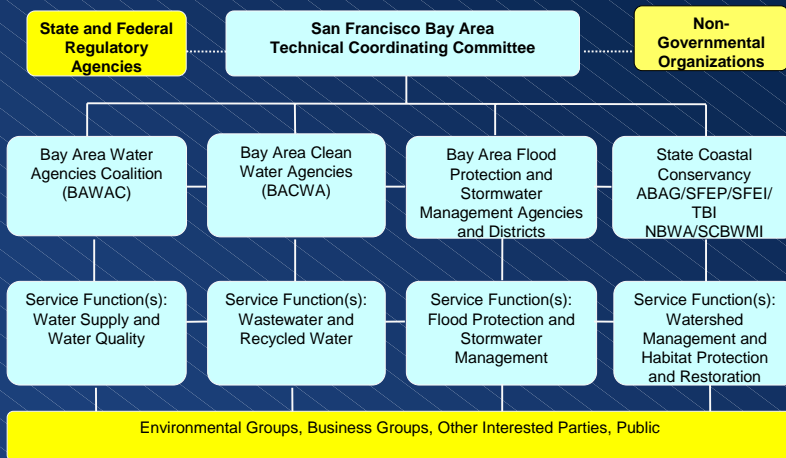
Who is involved?

- ◆ IRWMP is a multi-stakeholder, nine-county effort
- ◆ Cooperative process is anchored through a Letter of Mutual Understanding (LOMU) to develop an IRWMP for the Bay Area:
- ◆ LOMU signatories include:
 - Water Agencies
 - Wastewater Agencies
 - Flood Control Agencies
 - Watershed Agencies
 - Local Governments



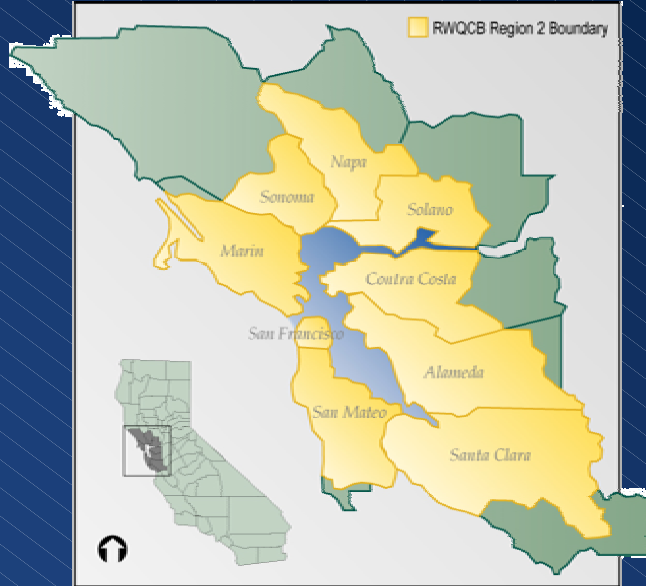
Bay Area IRWMP

Who is involved?



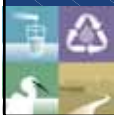
LOMU Signatories

What is the Bay Area Region?



Why is the IRWMP Important?

- ◆ Creates more efficient and effective management of regional water supplies, watersheds, and habitat protection
- ◆ Enables stakeholders to participate
- ◆ Fosters regional planning and cooperation
- ◆ Positions Bay Area to compete for future funding opportunities



Bay Area IRWMP

How is the Bay Area IRWMP Funded?

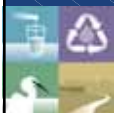
- ◆ The region received two Prop 50 planning grants (\$838K) to prepare a Bay Area plan
- ◆ Grants are administered by Zone 7 Water Agency and the State Coastal Conservancy
- ◆ Local agencies and the Coastal Conservancy provide cost sharing



Bay Area IRWMP

What is Prop 50?

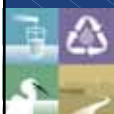
- ◆ Proposition 50: the Water Security, Clean Drinking Water, Coastal and Beach Protection Act of 2002 included \$380 million for IRWMP projects
- ◆ Prop 50 supports projects providing multiple benefits:
 - Improved water supply reliability
 - Long-term of water quality standards
 - Reduced pollution in impaired water & sensitive habitats
 - Planning & implementation of flood control programs
 - Drinking water & water quality projects serving disadvantaged communities



Bay Area IRWMP

What Does Prop 50 Require?

- ◆ IRWMP must contain the following information:
 - Description of the region and participants
 - Regional objectives and priorities
 - Water management strategies
 - Implementation
 - Impacts and benefits
 - Data management
 - Financing
 - Stakeholder involvement
 - Relationship to local planning
 - State and federal coordination
- ◆ IRWMP must be completed and adopted by LOMU signatories by January 1, 2007



Bay Area IRWMP

What is the IRWMP Process?



What is the Public Involvement Process?

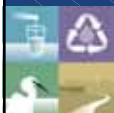
- ◆ Public meetings will occur at key milestones:
 - Objectives: February 27, 2006 (Current Meeting)
 - Integration: April 24, 2006
 - Implementation: June 26, 2006
 - Public Draft Bay Area IRWMP: October 23, 2006
- ◆ Ongoing outreach to business, environmental, and environmental justice groups
- ◆ www.bayareairwmp.net



Bay Area IRWMP

What's been done so far?

- ◆ Completed survey of other regional planning efforts
- ◆ 4 Functional Area Documents nearly complete
- ◆ Integrating Functional Area Documents into a single IRWMP:
 - Regional Group
 - Region Description
 - Objectives



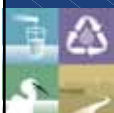
Bay Area IRWMP

Regional Planning Model Survey



About the Survey

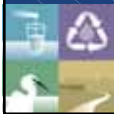
- ◆ First step in Bay Area IRWMP integration process
- ◆ Survey included review of 5 regions:
 - North Coast IRWMP
 - Santa Ana Watershed Project Authority
 - Sacramento Area Water Forum
 - Portland Regional Water Supply Plan
 - Texas State Water Plan



Bay Area IRWMP

Information Surveyed

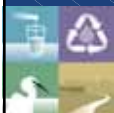
- ◆ Reasons behind regional effort
- ◆ Number and type of agencies involved
- ◆ Governance/organization structure
- ◆ Approach to project prioritization and integration
- ◆ Challenges faced
- ◆ Lessons learned
- ◆ Application to Bay Area



Bay Area IRWMP

Lessons Learned from the Regional Planning Model Survey

- ◆ Ensure TCC members are equipped to lead the process
- ◆ Develop a Vision Statement
- ◆ Vet issues with the TCC first
- ◆ Ensure Stakeholders have input to the process
- ◆ Deliver consistent messages to the stakeholders
- ◆ Include All Recommended Projects in the Plan
- ◆ Value both local and regional projects when considering priorities



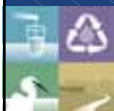
Bay Area IRWMP

Draft IRWMP Objectives



Examples of common interests across the Bay Area

- ◆ Protecting and restoring Bay-Delta watersheds, streams, and habitat
- ◆ Managing Impacts from an Increasing Population
- ◆ Addressing Aging Infrastructure Needs
- ◆ Maintaining a Vital Economy



Bay Area IRWMP

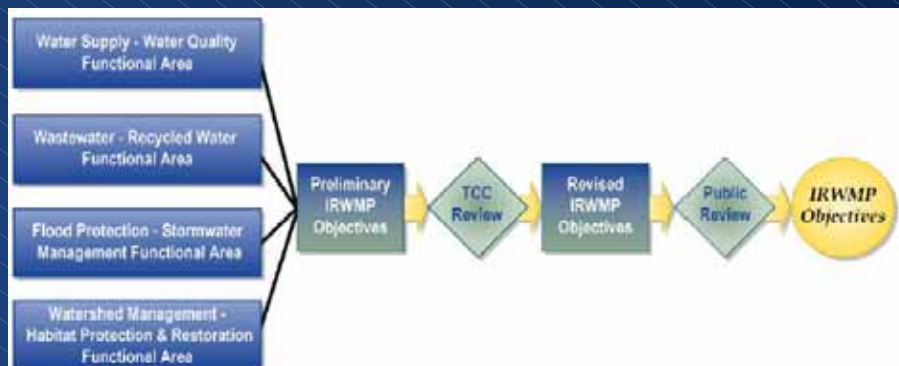
Examples of common interests across the Bay Area

- ◆ Protecting Health and Safety
- ◆ Increasing Efficiencies and Value Added through Coordination and Collaboration
- ◆ Protecting Water Resources Internal and External to the Region
- ◆ Securing Funding to Implement Solutions



Bay Area IRWMP

Process for Developing Regional Objectives

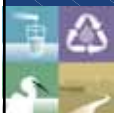


Regional Objectives

Objective	Water Supply - Water Quality	Wastewater - Recycled Water	Flood Protection - Stormwater Management	Watershed Management - Habitat Protection & Restoration
Improve supply reliability	•	•		•
Protect and improve hydrologic function	•		•	•
Protect and improve water quality	•	•	•	•
Protect public health and property	•	•	•	
Protect and enhance environmental resources and habitats	•	•	•	•
Promote economic, social, and environmental sustainability	•	•	•	•

Objective: Improve Water Supply Reliability

- ◆ Meet demands
- ◆ Maximize water use efficiency
- ◆ Minimize vulnerability
- ◆ Maximize control within the region
- ◆ Preserve highest quality supplies for potable use
- ◆ Protect against overdraft
- ◆ Provide for groundwater recharge
- ◆ Increase opportunities for recycled water use



Bay Area IRWMP

Objective: Protect and Improve Hydrologic Function

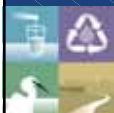
- ◆ Maintain or improve in-stream flow conditions
- ◆ Control erosion and manage sedimentation
- ◆ Protect and rehabilitate natural processes
- ◆ Improve floodplain connectivity



Bay Area IRWMP

Objective: Protect and Improve Water Quality

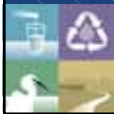
- ◆ Minimize NPS pollution
- ◆ Manage salinity
- ◆ Reduce mass loading of pollutants to surface waters
- ◆ Minimize taste and odor problems
- ◆ Minimize total dissolved solids
- ◆ Use stream buffers and floodplains to improve filtration of pollutants
- ◆ Maintain health of upland vegetation and land cover to reduce runoff quantity and improve quality



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Objective: Protect Public Health & Property

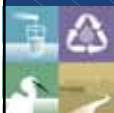
- ◆ Minimize disinfection byproducts
- ◆ Minimize variability for treatment
- ◆ Advance technology through feasibility studies/demonstrations
- ◆ Protect public health and safety from flooding



Bay Area IRWMP

Objective: Protect and Enhance Environmental Resources and Habitat

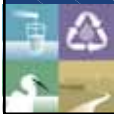
- ◆ Conserve and restore habitat for species protection
 - Acquire, protect and/or restore wetlands, streams and riparian areas
 - Enhance wildlife populations and biodiversity
 - Provide lifecycle support (shelter, reproduction, feeding)
 - Protect and recover steelhead and other fisheries
 - Protect wildlife movement and corridors
 - Recover at-risk native and special status species



Bay Area IRWMP

*Objective: Protect and Enhance
Environmental Resources and Habitat*

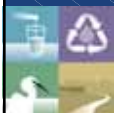
- ◆ Provide net benefits to environment
- ◆ Preserve open space and watershed lands
- ◆ Manage pests and invasive species
- ◆ Improve riparian and channel structure



Bay Area IRWMP

*Objective: Promote Economic, Social
and Environmental Sustainability*

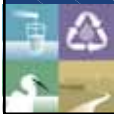
- ◆ Maintain economic sustainability
- ◆ Maximize ability to obtain outside funding
- ◆ Minimize total costs
- ◆ Allocate costs according to benefit
- ◆ Maximize internal consistency with agency plans and baselines
- ◆ Maximize external support



Bay Area IRWMP

Objective: Promote Economic, Social and Environmental Sustainability

- ◆ Increase social investment and stewardship
- ◆ Protect cultural resources
- ◆ Provide trails and recreation opportunities
- ◆ Increase community outreach and education for watershed health
- ◆ Minimize net impacts to environment
- ◆ Use renewable energy sources where available
- ◆ Minimize solid waste generation/maximize reuse



Bay Area IRWMP

Public Involvement



Public Involvement

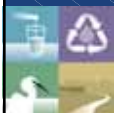
- ◆ Open and transparent process is essential
- ◆ Ongoing public participation will help address key issues and build broad-based support
- ◆ Public meetings will occur at key milestones:
 - Objectives: February 27, 2006 (Current Meeting)
 - Integration: April 24, 2006
 - Implementation: June 26, 2006
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Bay Area IRWMP

Public Involvement Tools

- ◆ One-on-one meetings with individual business, environmental, and environmental justice groups
- ◆ Public meetings with local government agencies
- ◆ San Francisco Estuary Project meetings with local government
- ◆ Press releases to local media sources
- ◆ Email distribution of fact sheets, flyers, and press releases
- ◆ www.bayareairwmp.net
 - Up-to-date information
 - Provide public comment



Bay Area IRWMP

Q & A



*End of
Slides*

