



San Francisco Bay Basin Plan Triennial Review Public Workshop

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Overview

- What is a Basin Plan Triennial Review?
- Water Board staff review of issue areas
 - Priority projects from last triennial review
 - Review of beneficial uses
 - Review of water quality objectives
 - Updates to the Implementation Plan
 - Updates to plans and policies
- Discussion and next steps

What is a Basin Plan?

Master Planning Document for Water Board

➤ Regulatory

- Beneficial uses, water quality objectives
- And implementation plan [effluent limits, discharge prohibitions, permit programs, TMDLs]

➤ Information

- Maps, tables, plans and policies, program descriptions, and related regulations

What is a Triennial Review?

- Clean Water Act Section 303(c)(1): *a state's water quality standards shall be reviewed every three years*
- Planning Workplan (non-TMDL)
- Elements of the review process:
 - Attainability of existing standards and associated implementation programs
 - Indicators of environmental degradation and need for additional protection
 - Regulatory Implementation Program Updates

What is a Triennial Review? (cont.)

- Formal process for interested parties to provide input to the Water Board workplan for Basin Planning
- Interested parties include:
 - The public: organizations and individuals
 - Regulated community
 - Permittees with Waste Discharge Requirements
 - NPDES permits, 401 Water Quality Certifications
- Continuing Planning
 - CWA requires each state to conduct a “continuing planning process” approved by U.S. EPA [CWA 303(e)]

Review of 2009 Workplan

Project	Status
Stream and Wetlands System Protection Policy	Public review late 2012
Update of Significant Water Bodies and Beneficial Uses	Completed
Adopt Marine Contact Recreation Bacteria Objectives	Completed
Designate Beneficial Uses for Hayward Marsh	Completed

Review of 2009 Workplan

Project	Status
Develop Bioassessment Objectives Implementation Plan	Work ongoing
Evaluate the Shellfish Harvesting Beneficial Use	Work ongoing at State Board
Develop Numeric Nutrient Water Quality Objectives	Work underway for freshwater and SF Bay
Describe the ESL Tiered Decision Process	Some work completed, Lacking resources to develop amendment
Update based on the State Water Board's Water Recycling Policy	Working on salt/nutrient management plans

2012 Triennial Review Topics

- Update beneficial Uses
- Update water quality objectives
- Update implementation plan
- Update plans and policies
- Minor editorial revisions

Update Beneficial Uses

- Modify groundwater recharge beneficial use
 - Expand use to support drinking water storage
- Evaluate municipal supply for aquifers along Bay fringe
 - Explore exception criteria to “Sources of Drinking Water” policy
- Evaluate shellfishing beneficial use
 - Refine use for statewide consistency
- Complete stream & wetland protection policy
 - Two new beneficial uses and implementation plan

Update Water Quality Objectives

Statewide and Federal Objectives

- Update toxicity testing requirements
- Revise cadmium water quality objectives (WQOs)
- Revise pentachlorophenol WQOs
- Develop trash WQOs
 - Under development: includes trash WQOs & performance standards for trash in storm drains
- Develop nutrient WQOs
 - Numeric guidance and assessment tools in freshwater
 - Assessment framework and numeric endpoints in Bay
- Incorporate revised U.S. EPA bacteria criteria

Update Water Quality Objectives

- Develop site-specific oxygen objectives for SF Bay
 - Current objective out of date & may impede restoration efforts
- Refine Alameda Creek total dissolved solids and chloride objectives
 - Current objectives protect against groundwater impacts no longer likely
- Develop and implement biological objectives
 - Work on region-specific biological metrics

Update Implementation Plans

- Screening levels for groundwater cleanup
 - Basin Plan recognition would encourage use
- Amend wet weather overflow implementation
 - Update to reflect EBMUD permit decision
- Low-threat site closure requirements
 - Build on State policy to include additional site types
- Salt and nutrient management plans
 - Regional implementation of Water Recycling Policy
- On-site wastewater treatment system implementation
 - Update our Basin Plan with State policy

Update Plans and Policies

➤ California Water Plan

- Identifies all water-related priorities and possible financing. Staff contribute material, Basin Plan updates possible

➤ Priority Ranking for TMDL development

- TMDLs we plan to develop over next few years

➤ Policy for managing mercury in restored wetlands

- Goal: create clear direction for wetland mgmt

Minor Editorial Revisions

- Clarify turbidity water quality objective
 - Make language easier to interpret & consistent with turbidity objectives in other Basin Plans.
- Other editorial changes
 - Update U.S. EPA toxicity references & tributyltin-related footnotes in tables
 - More detail in Chapter 1 introduction

Next Steps

- Written input to Triennial Review due **Tuesday April 17**
 - Email to Rlooker@waterboards.ca.gov
- Meeting summary posted to website
- Develop draft list of priority projects in ranked order.
- Board hearing on workplan planned for Fall 2012