

Item 4

San Francisco Bay Regional Board Basin Plan Amendment to Establish a Bacteria TMDL for San Pedro Creek and Pacifica State Beach and Incorporate New Implementation Provisions for Bacteria Water Quality Objectives



March 19, 2013

Basin Plan Amendment

- Bacteria TMDL for the Creek and Beach
 - Corrective actions to address impairment
 - Meet targets in 8-15 years
 - Monitoring & adaptive implementation
- Implementation provisions for bacteria objectives
 - Reference system & antidegradation approach
 - Accounts for uncontrollable natural sources

Comment Letters

- Comment: TMDL should incorporate wasteload allocations as numeric effluent limits in stormwater permits
- Response: BMP-based approach is appropriate.

Recommendation

**Approve Basin Plan Amendment
adopted under San Francisco Bay Water Board
Resolution R2-2012-0089
and direct staff to
submit to OAL and USEPA for approval**

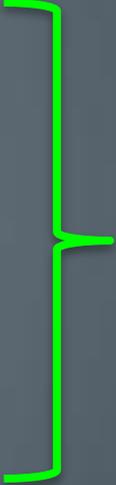
Bacteria Sources in Watershed

- **Sanitary Sewer Systems**

- **Horse Facilities**

- **Municipal Storm Drains**

- **Background / Natural**



Controllable



Uncontrollable

Numeric Targets

Exceedances of Objectives (Weeks/year)

	San Pedro Creek		Pacifica State Beach		
	Dry Weather	Wet Weather	Summer Dry Weather	Winter Dry Weather	Wet Weather
Current	14	14	1	1	5
Required Reduction	13	10	1	0	0
Allowable	1	4	0	1	5

Implementation Plan

Solving the Problem

- Addresses all controllable sources
- Focuses on existing efforts & regulations
- Allows 8-15 years to achieve targets
 - Beach: 8 years
 - Creek: 15 years