

MULTI-YEAR PLAN

Year	2006	2007	2008	2009	2010	2011
Theme	(PCBs)	35 th Anniversary of the Clean Water Act	Mercury			
Management Articles	<ul style="list-style-type: none"> ▪ Water Board Update on TMDLs and Water Quality Objectives 	<ul style="list-style-type: none"> ▪ A Perspective on the 35th Anniversary of the Clean Water Act - Strauss ▪ The History of Municipal Wastewater Treatment: 35 Years of POTWs Protecting the Bay - Krieger ▪ Refinery Environmental Performance Over the Past 20 Years - DeShields ▪ The Regulatory State of the Bay: A Status and Trends Review – Mumley 	<ul style="list-style-type: none"> ▪ Dredging and Sediment Management in San Francisco Bay - Delaney ▪ Beneficial Uses of the Bay: Contact Recreation - Williams ▪ RMP Planning: The RMP Mercury Strategy – Davis 	<ul style="list-style-type: none"> ▪ The Municipal Regional Permit? ▪ Beneficial Uses of the Bay: Fishing ▪ RMP Planning: The RMP Master Plan – Davis 	<ul style="list-style-type: none"> ▪ Beneficial Uses of the Bay: Shellfish Harvesting? ▪ Xx ▪ Xx ▪ Xx 	<ul style="list-style-type: none"> ▪ Xx ▪ Xx ▪ Xx
Feature Articles	<ul style="list-style-type: none"> ▪ PCBs in San Francisco Bay ▪ PCBs in Urban Watersheds—A Challenge for TMDL Implementation ▪ What is Causing the Phytoplankton Increase in San Francisco Bay? ▪ Pyrethroid Insecticides in the Estuary—Solution or New Threat? 	<ul style="list-style-type: none"> ▪ The State of the Bay: Water Quality - Davis ▪ Trash in San Francisco Bay Area Urban Creeks – Sources, Pathways, Assessments, and Control Measures - Sommers ▪ Copper in the Bay: Better Management Through Improved Scientific Understanding - Yee 	<ul style="list-style-type: none"> ▪ Effects of Mercury on Bay Birds – Eagles-Smith ▪ Mercury in Biosentinel Fish in the Northern Estuary - Slotton ▪ Advances in Understanding of Pollutant Loads to the Bay - McKee 	<ul style="list-style-type: none"> ▪ Xx ▪ Xx ▪ Xx 	<ul style="list-style-type: none"> ▪ Xx ▪ Xx ▪ Xx 	<ul style="list-style-type: none"> ▪ Xx ▪ Xx ▪ Xx

POTENTIAL THEMES OR ARTICLES

Costs and benefits of the RMP – Sheila Tucker's letters of 7/2/2007 and 8/1/07
WERF Mercury Study
Personal Choices and Water Quality
Wetland Restoration e.g., work underway, benefits, etc.,
Aging Infrastructure of POTWs
Climate Change
SQOs
PAHs
TMDL/Pollutant of the Year
Mothball Fleet Study
Desalination/reclamation
Reduced suspended sediment in the Bay

ANTICIPATED MAJOR PRODUCTS

	2009	2010	2011	2012	2013
RMP	<ul style="list-style-type: none"> ▪ Multibox PCB Model ▪ PFCs ▪ Alternative Flame Retardants ▪ Methylmercury mass balance ▪ Endocrine Disruption in Fish (3 Year Summary) ▪ Guadalupe Model ▪ Zone 4 Loading (2 Year Summary) 	<ul style="list-style-type: none"> ▪ Sediment Core Report ▪ High Leverage Pathways (2 Year Summary) ▪ PAH Effects on Fish (2 Year Summary) ▪ Mercury and Selenium in Terns 	<ul style="list-style-type: none"> ▪ Big Report on Small Fish (3 Year Summary) 	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪
OTHE R	<ul style="list-style-type: none"> ▪ Petaluma Report ▪ SBSP? 	<ul style="list-style-type: none"> ▪ WERF? 	<ul style="list-style-type: none"> ▪ XX 	<ul style="list-style-type: none"> ▪ XX 	<ul style="list-style-type: none"> ▪ XX

ANTICIPATED REGULATORY DEVELOPMENTS

	2009	2010	2011	2012	2013
WATER BOARD	<ul style="list-style-type: none"> ▪ Selenium TMDL ▪ SQOs? ▪ 	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪ 	<ul style="list-style-type: none"> ▪
OTHER	<ul style="list-style-type: none"> ▪ XX ▪ 	<ul style="list-style-type: none"> ▪ XX 	<ul style="list-style-type: none"> ▪ XX 	<ul style="list-style-type: none"> ▪ XX 	<ul style="list-style-type: none"> ▪ XX

PULSES PAST

Year	2003	2004	2005	2006	2007	2008
Theme				(PCBs)	35 th Anniversary of the Clean Water Act	Mercury
Management Articles	<ul style="list-style-type: none"> The Current Status of Bay TMDLs – Whyte 	<ul style="list-style-type: none"> Adaptive Implementation of the TMDL – the Mercury Example - Mumley Using Conceptual Models to Address High Priority Pollutants – Connor A Regional Board Perspective on the RMP: Ten Years of Benefits and Challenges for the Future – Taberski 	<ul style="list-style-type: none"> Adapting the Regional Monitoring Program to Answer the Important Questions - Hoenicke Update on TMDLs from the Water Board - Whyte 	<ul style="list-style-type: none"> Water Board Update on TMDLs and Water Quality Objectives 	<ul style="list-style-type: none"> A Perspective on the 35th Anniversary of the Clean Water Act - Strauss The History of Municipal Wastewater Treatment: 35 Years of POTWs Protecting the Bay - Krieger Refinery Environmental Performance Over the Past 20 Years - DeShields The Regulatory State of the Bay: A Status and Trends Review – Mumley 	<ul style="list-style-type: none"> Dredging and Sediment Management in San Francisco Bay - Delaney Beneficial Uses of the Bay: Contact Recreation - Williams RMP Planning: The RMP Mercury Strategy – Davis
Feature Articles	<ul style="list-style-type: none"> Lessons from Monitoring Water Quality in San Francisco Bay – Cloern Sediment Dynamics Drive Contaminant Dynamics - Schoellhamer Ten Years of Testing for the Effects of Estuary Contamination – Anderson Ten Years of Pilot and Special Studies: Keys to the Success of the RMP - Davis 	<ul style="list-style-type: none"> Long-term Trends in Metal Contamination in San Francisco Bay Water and Sediment - Flegal Lessons Learned About Metals in the Estuary: The Importance of Long-term Clam Accumulation Data - Brown In Pursuit of Urban Runoff in the Urbanized Estuary - Davis The San Francisco Bay Water Quality Index: A Tool to Communicate Progress Toward Reaching Environmental Standards - Pawley 	<ul style="list-style-type: none"> Polybrominated Diphenyl Ether (PBDE) Flame Retardants in San Francisco Bay - Oros The Legacy of Organochlorine Pesticides in San Francisco Bay - Werme The Surface Water Ambient Monitoring Program (SWAMP) in the San Francisco Bay Area - Taberski Bay Sediment Budgets: Sediment Accounting 101 - Schoellhamer The CALFED Bay-Delta Program: A Major Investment in Improving Water Quality in the Estuary - Podger Water Quality Concerns Related To The South Bay Salt Pond Restoration Project - Davis 	<ul style="list-style-type: none"> PCBs in San Francisco Bay PCBs in Urban Watersheds—A Challenge for TMDL Implementation What is Causing the Phytoplankton Increase in San Francisco Bay? Pyrethroid Insecticides in the Estuary—Solution or New Threat? 	<ul style="list-style-type: none"> The State of the Bay: Water Quality - Davis Trash in San Francisco Bay Area Urban Creeks – Sources, Pathways, Assessments, and Control Measures - Sommers Copper in the Bay: Better Management Through Improved Scientific Understanding - Yee 	<ul style="list-style-type: none"> Effects of Mercury on Bay Birds – Eagles-Smith Mercury in Biosentinel Fish in the Northern Estuary - Slotton Advances in Understanding of Pollutant Loads to the Bay - McKee