

Framework for the Development  
of a California-Coastal Marinas  
Permit issued by the SWRCB

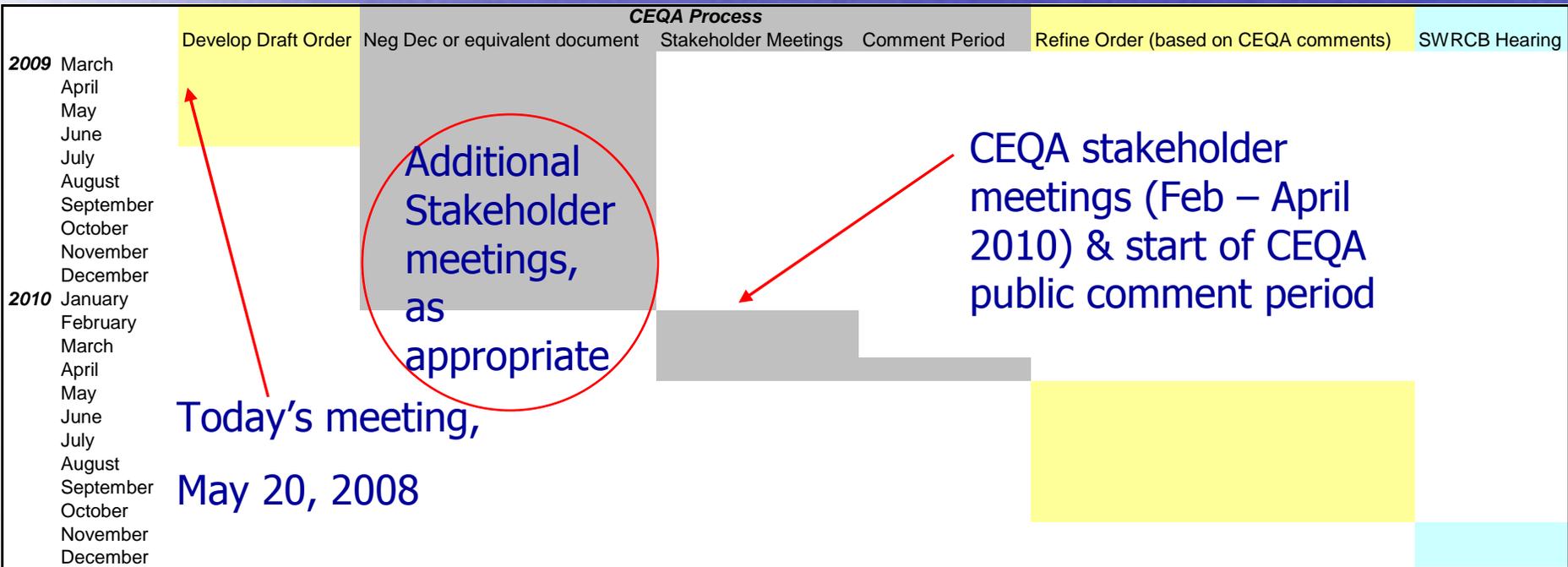
CalEPA Room 620

May 20, 2009

9 am – 2 pm



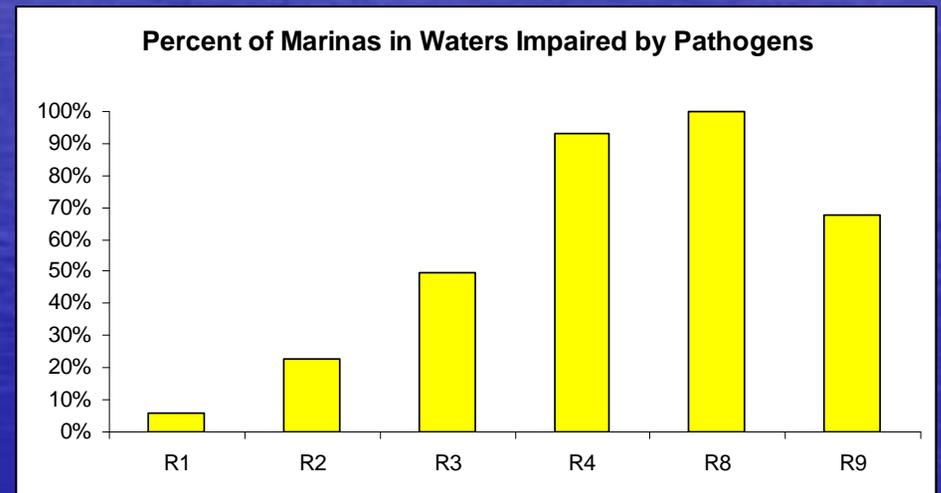
# Permit Adoption Timeframe 2009 - 2010



# Common pollutants related to Marina Operations: bacteria/pathogens

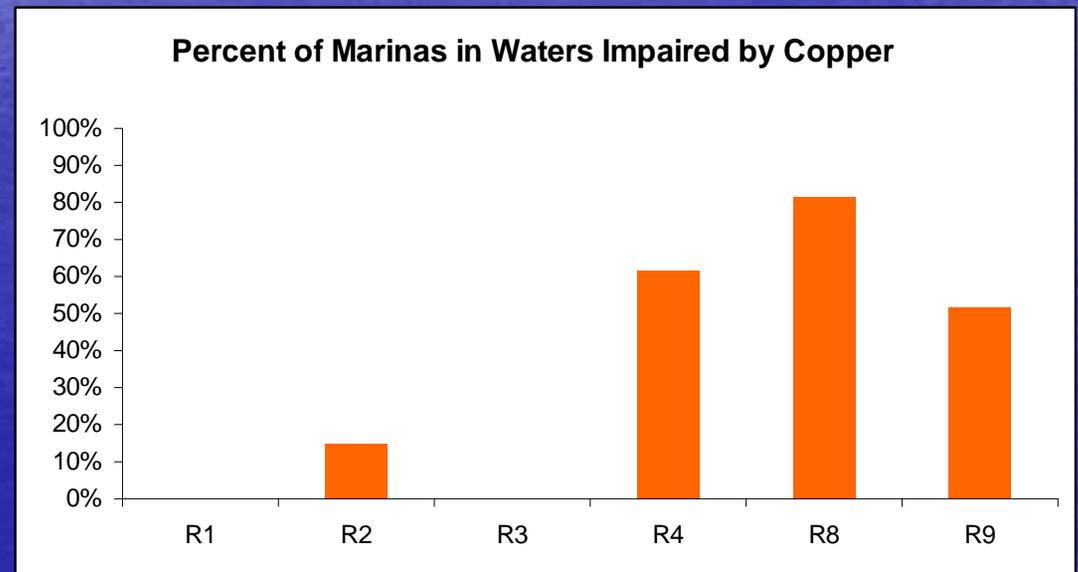
## *Marinas Located in Waterbodies Impaired by Fecal Indicator Bacteria & Pathogens*

North Coast 17 Marinas	1 marina 6%
San Francisco 88 Marinas	20 marina 23%
Central Coast 14 Marinas	7 marinas 50%
Los Angeles 57 Marinas	53 marinas 93%
Santa Ana 27 Marinas	27 marinas 100%
San Diego 37 Marinas	25 marinas 68%
Coastal Regions 243 Marinas	133 marinas 55%



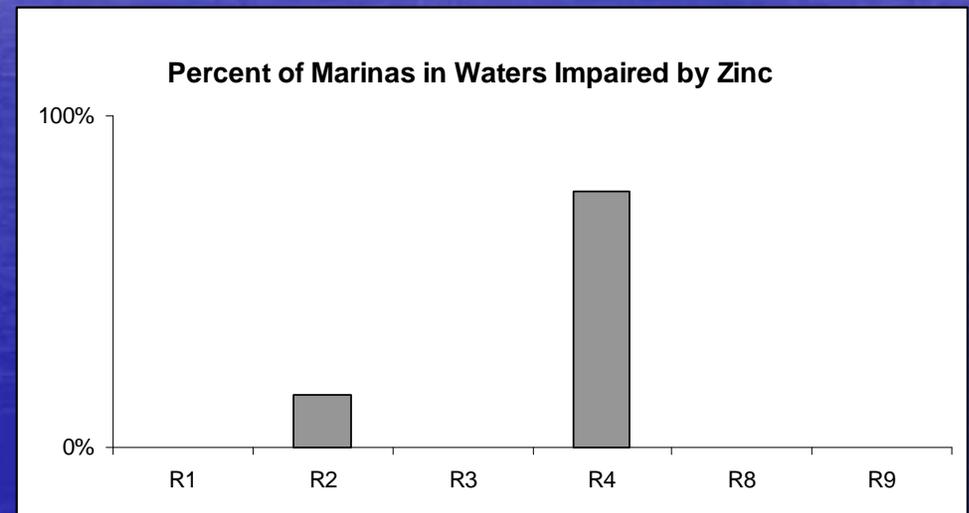
# Common pollutants related to Marina Operations: copper

<i>Marinas Located in Waterbodies Impaired by Copper</i>	
North Coast 17 Marinas	0 0%
San Francisco Bay 88 Marinas	13 marinas 15%
Central Coast 14 Marinas	0 0%
Los Angeles 57 Marinas	35 marinas 61%
Santa Ana 27 Marinas	22 marinas 81%
San Diego 37 Marinas	19 marinas 51%
Coastal Regions 243 Marinas	89 marinas 37%



# Common pollutants related to Marina Operations: zinc

<i>Marinas Located in Waterbodies Impaired by Zinc</i>	
North Coast 17 Marinas	0 0%
San Francisco Bay 88 Marinas	14 marinas 16%
Central Coast 14 Marinas	0 0%
Los Angeles 57 Marinas	44 marinas 77%
Santa Ana 27 Marinas	0 0%
San Diego 37 Marinas	0 0%
Coastal Regions 243 Marinas	58 marinas 24%



# Purpose for Statewide Coastal Marinas Permit

- Implementation mechanism for TMDLs.
- Aimed to control pollutants by implementing appropriate management practices at marinas located in impaired waters.
- Designed to prevent pollution generated by marina activities from potentially impacting high quality waters.

Region	Waterbody Name	Pollutant	SWRCB Resolution No. (TMDL approved)
3	Morro Bay	Pathogens	2002-0117, 2003-0060
4	Ventura Harbor and Ventura Keys	Pathogen/ Bacteria	2007-017
4	Los Angeles Harbor - Inner Cabrillo Beach Area	Indicator Bacteria	2004-011
4	Marina del Rey Harbor - Back Basins	Copper (sediment)	2005-012
4	Marina del Rey Harbor - Back Basins	Zinc (sediment)	2005-012
4	Marina del Rey Harbor - Back Basins	Indicator Bacteria	2006-009
8	Newport Bay	Fecal coliform	1999-10
9	San Diego Bay, Shelter Island Yacht Basin	Copper (dissolved)	2005-0019
9	San Diego Bay, Shelter Island Shoreline Park	pathogens	2008-0027
9	Dana Point Harbor	pathogens	2008-0027

# SWRCB Resolution 2006-006: amendment to the TMDL for toxic pollutants in Marina del Rey Harbor

The State Water Board finds, in view of increasing impairment of coastal marinas from copper-based antifouling paints, that there is a need for statewide consistency in regulation.

# Waste Discharge Requirement

## Will apply to:

- Marinas and mooring fields in coastal regions of California that contain slips or mooring locations for 10 or more boats shall be subject to this General Permit.
- Houseboats, vessels primarily rigged for use as a residence rather than for transportation, may also be docked at marinas and are covered in this General Permit.

## Will NOT apply to:

- Marinas used for military purposes; however, marinas intended for recreational use by the military in the applicable water bodies are regulated under this General Permit.
- Moorings and Marinas located inland in fresh waters such as the San-Joaquin Delta, lakes and reservoirs.
- Establishments primarily engaged in the operation or rental of small, non-motorized recreational boats.
- Specific storm water discharges that are covered under a MS4, Phase I NPDES permit – **other discharges will be covered under this permit.**
- Specific discharges that are covered under an Industrial NPDES permit, such as SIC 4493 industries (i.e. boat yards) – **other discharges will be covered under this permit.**

# Legal precedence for regulating Marinas vs. individual boaters

Individual boat hulls are individual sources of waste to surface waters. Marinas congregate the individual sources of waste and become a concentrated source of residual copper discharges into surface waters. Therefore the marinas themselves are cumulative dischargers of waste. Thus, these discharges are appropriately regulated through the State Board's administrative tools. Legal precedence for regulating individual sources of waste through the congregating facility has been set by regulations for confined animal feedlot operations, stormwater (MS4 permits), and outdoor shooting ranges.

# Applies to discharges that result from the following activities:

- Sewage pump-out facility operations.
- Illegal use of marine sanitation devices.
- Fuel station operations.
- General marina operations that result in the deposition of debris on the ground and light enough to be swept away by flowing storm water and/or air currents into marina waters.
- Underwater boat hull cleaning.
- Topside boat maintenance and cleaning.
- Year-round docking of boats in water bodies with poor or reduced flushing.