

CALIFORNIA ENVIRONMENTAL QUALITY
ACT (CEQA)
SCOPING MEETING
FOR
BASIN PLAN AMENDMENTS

SANTA ANA REGIONAL WATER QUALITY
CONTROL BOARD

CEQA SCOPING MEETING PURPOSE

- Provide forum for public to comment on potential environmental issues in the Substitute Environmental Document (SED)
- Comments will assist in identifying Actions, Alternatives, Mitigation Measures, and Significant Environmental Effects to be Analyzed

CEQA SCOPING MEETING

BASIN PLAN AMENDMENTS TO ADDRESS:

1. REC1 OBJECTIVES FOR BAYS AND ESTUARIES;
2. FECAL COLIFORM TMDL FOR NEWPORT BAY;
3. UPDATE TABLE 3-1;
4. REVISE SHEL BENEFICIAL USE DEFINITION;
5. REVISE REC2 TARGETS

DELETION of FECAL COLIFORM OBJECTIVES for BAYS and ESTUARIES

- Current Indicator Bacteria Fecal Coliform (FC) Objective for REC1:

log mean < 200 organisms / 100mL
< 10% of Samples > 400 organisms

- USEPA 1986 and 2012 Criteria:

FC Objectives “did not demonstrate a correlation with swimming-associated illness”

ENTEROCOCCUS GEOMEAN OBJECTIVE for BAYS and ESTUARIES

- USEPA 1986 and 2012 Criteria:

“Enterococcus exhibits a strong correlation to illness in swimming in marine waters”

- 2004 USEPA Promulgated Enterococcus Criteria
- Bays and Estuaries: 35/100 mL Geomean over a discrete 30-day averaging period

Basis of Enterococcus Objective

- USEPA 2012 Criteria no longer recommends Single Sample Maximum (SSM)
- OCHCA already relies on AB411 established bacteriological ocean standards and extensive monitoring for posting and closure decisions for ocean and bay waters
- State Board Adopting 2012 Criteria / Single Sample Objective (STV) / Summer 2017

REMOVE FECAL COLIFORM TMDL FOR REC1 IN NEWPORT BAY

- 1999 NB Fecal Coliform TMDL to address impairment of REC1 and Shellfish Harvesting
- Fecal Coliform is not a reliable indicator of Public Health Risk for swimmers
- Analyses of Fecal Coliform and Enterococcus Data Show No Impairment of REC1 in NB Bays

REMOVAL OF FECAL COLIFORM TMDL NEWPORT BAY (Continued)

Ongoing Efforts Continue to Maintain REC1
water quality

- Waste Discharge Requirements, including MS4 (stormwater) Permits, plus TMDLs require implementation of Best Management Practices (BMPs) for Source Control, Water Treatment BMPs, Removal of Factors that Promote FIB Growth, Volume Reduction BMPs, etc.

REVISE FECAL COLIFORM TMDL COMPLIANCE SCHEDULE for SHELFISH HARVESTING (SHEL)

- SHEL: Fecal Coliform Median ≤ 14 MPN /100mL and not more than 10% samples > 43 MPN/100mL
- No Changes to SHEL Objectives
- Current Compliance Schedule December 30, 2019 / Extend to December 30, 2022 to conform to likely new State Board bacteria policy approaches

UPDATE BASIN PLAN TABLE 3-1

- State and Federal Regulations Require Identification of Waters and Uses to be Protected
- Provides for specific water quality protections
- USFWS, State Board, CDFW Recommend Designations of COMM, EST, RARE

Update Table 3-1 (continued)

Recommend adding waterbodies and
designating Beneficial Uses

- Muddy Canyon, Los Trancos, Buck Gully, Big Canyon Creeks
- Carbon, Fullerton, and Brea Creeks
- Prado Park Lake
- Mill Creek and Gunnerson Pond Wetlands
- Perris Valley Channel

REVISE SHELLFISH HARVESTING (SHEL) BENEFICIAL USE DEFINITION

- **CURRENT** – waters support habitats necessary for shellfish (e.g., clams, oysters, limpets, abalone, shrimp, crab, lobster, sea urchins, and mussels collected for human consumption, commercial or sports purposes.
- **PROPOSED** – waters support habitats necessary for filter feeding shellfish (e.g., clams, oysters and mussels) collected for humans consumption, commercial, or sport purposes

UPDATE ANTI-DEGRADATION TARGETS FOR REC2 ONLY WATERS

REC2 Only Waterbody	E. coli Densities (cfu/100 mL)				
	Geometric Mean	Std. Dev.	N	Max. Observed	75%
Temescal Creek, Reach 1a <u>and 1b</u>	492 <u>353</u>	34-1.1	108 <u>36</u>	9,200	359 <u>353</u>
Santa Ana-Delhi Channel, <u>Reach 1 and Reach 2</u>	411 <u>399</u>	110 <u>1.5</u>	56 <u>55</u>	12,590	1,104 <u>1,067</u>
<u>Cucamonga Creek Reach 1</u>	<u>509</u>	<u>1.5</u>	<u>197</u>	<u>23,000</u>	<u>1,385</u>

SCHEDULE

- Send out Substitute Environmental Document
October 14
- Written Comments on CEQA Substitute
Environmental Document Due November 18
- Regional Board Hearing for Basin Plan
amendment proposed December 9, 2016