

# CEQA Scoping Meeting

## Proposed Basin Plan Amendment

Title 22 Maximum Contaminant Levels  
for Disinfection Byproducts and  
Maximum Residual Disinfectant Levels

Jamie Pratt, Environmental Scientist  
Daniel Ellis, Senior Environmental Scientist

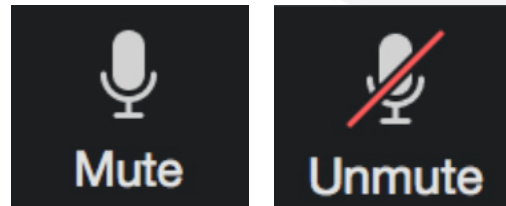


# Meeting Logistics

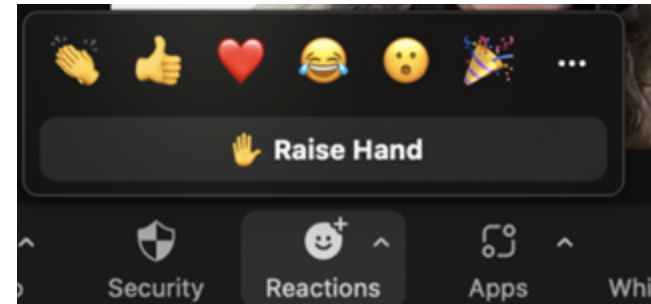
- Please hold questions and comments until the end

- Zoom toolbar:

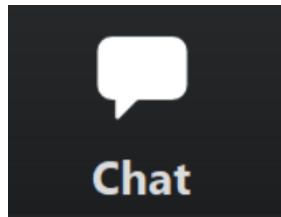
- Mute / unmute



- Raise hand (located within “Reactions”)



- Chat



- Video



# Meeting Agenda

1:30 p.m. – 3:30 p.m.

- Basin Plan and amendment background
- CEQA and CEQA scoping overview
- Questions and comments



# The Basin Plan

- Protection of water quality
- Basis for regulatory actions
- Beneficial uses for waters of the state
- Water quality objectives to support beneficial uses

## Water Quality Control Plan for the Central Coastal Basin



**June 2024**

Regional Water Quality Control Board, Central Coast Region  
State Water Resources Control Board  
California Environmental Protection Agency

# Basin Plan Amendment Description

- Incorporate maximum contaminant levels for disinfection byproducts and maximum residual disinfectant levels from the California Code of Regulations, title 22
- Water quality objectives for surface waters and groundwaters
- Municipal and Domestic Supply beneficial use
- Protect human health and domestic water supplies

# Maximum Contaminant Level

Maximum contaminant level (MCL):

The maximum permissible level of a contaminant in water which is delivered to any user of a public water system.

*Code of Federal Regulations, title 40 (40 CFR), section 141.2*

# Maximum Residual Disinfectant Level

Maximum residual disinfectant level (MRDL):

A level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap without an unacceptable possibility of adverse health effects.

*40 CFR, section 141.2*

# California Code of Regulations, title 22

## **Disinfection Byproducts (section 64533)**

- Bromate
- Chlorite
- Total trihalomethanes (TTHM)
  - Bromodichloromethane
  - Bromoform
  - Chloroform
  - Dibromochloromethane
- Haloacetic acids (five) (HAA5)
  - Monochloroacetic Acid
  - Dichloroacetic Acid
  - Trichloroacetic Acid
  - Monobromoacetic Acid
  - Dibromoacetic Acid

## **Disinfectant Residuals (section 64533.5)**

- Chlorine
- Chloramines
- Chlorine dioxide



# Current Municipal and Domestic Supply Objectives

- pH
- Phenol
- Organic Chemicals\*
- Inorganic Chemicals\*
- Radioactivity\*

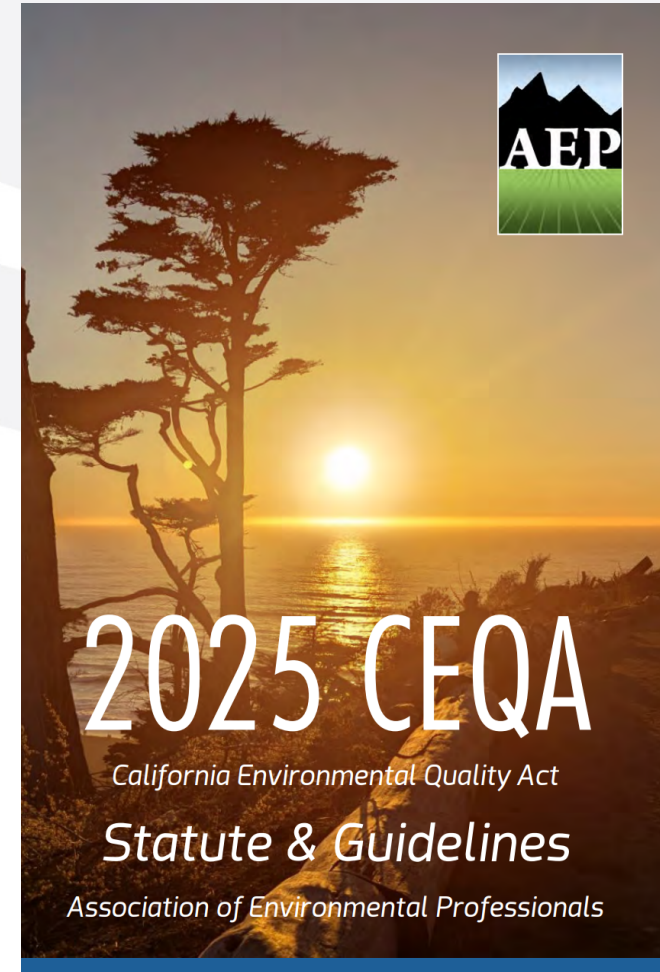
\* From the California Code of Regulations (CCR), title 22

# Additional Municipal and Domestic Supply Objective

- pH
- Phenol
- Organic Chemicals
- Inorganic Chemicals
- Radioactivity
- Disinfection Byproducts and Disinfectant Residuals

# California Environmental Quality Act (CEQA)

- Significant adverse environmental impacts
- how to avoid or mitigate impacts
- Basin Plan amendments are a Water Board action subject to CEQA



# CEQA Scoping

Assists Water Board staff to:

- Identify potentially significant environmental impacts the proposed Basin Plan amendment may have
- Identify feasible mitigation measures to reduce or minimize anticipated adverse environmental impacts

*CCR, title 23, section 3775.5*

# Significant Effect on the Environment

“... a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project, including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance.”

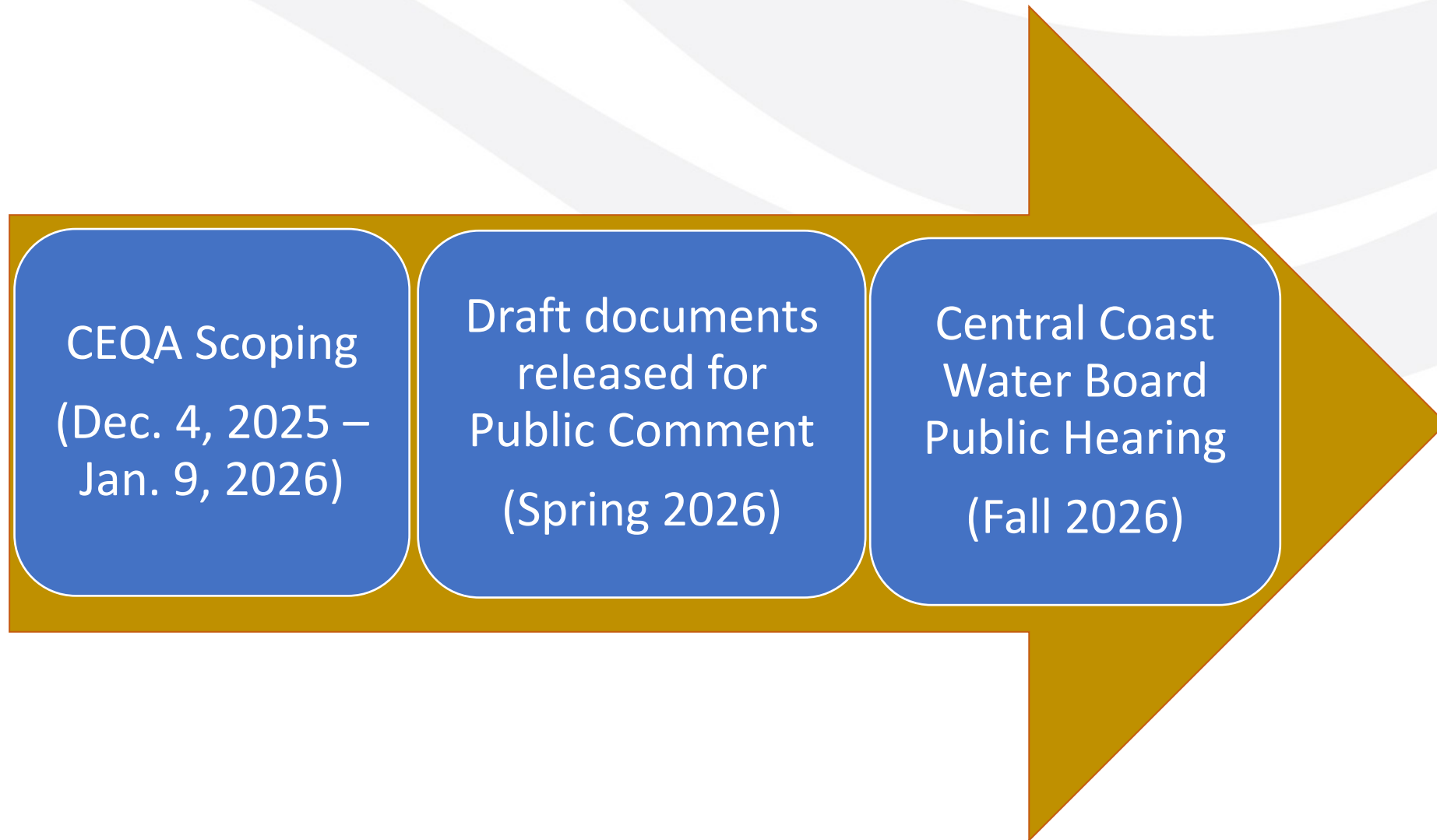
*CCR, title 14, section 15382*



# Environmental Factors

- ☐ Aesthetics
- ☐ Agriculture / Forestry Resources
- ☐ Air Quality
- ☐ Biological Resources
- ☐ Cultural Resources
- ☐ Energy
- ☐ Geology / Soils
- ☐ Greenhouse Gas Emissions
- ☐ Hazards and Hazardous Materials
- ☐ Hydrology and Water Quality
- ☐ Land Use / Planning
- ☐ Mineral Resources
- ☐ Noise
- ☐ Population / Housing
- ☐ Public Services
- ☐ Recreation
- ☐ Transportation
- ☐ Tribal Cultural Resources
- ☐ Utilities / Service Systems
- ☐ Wildfire
- ☐ Mandatory Findings of Significance

# Basin Plan Amendment Project Next Steps



# Questions / Comments

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