

Comprehensive Conservation and Management Plan (CCMP)

BACWA Executive Board Meeting
December 18, 2015

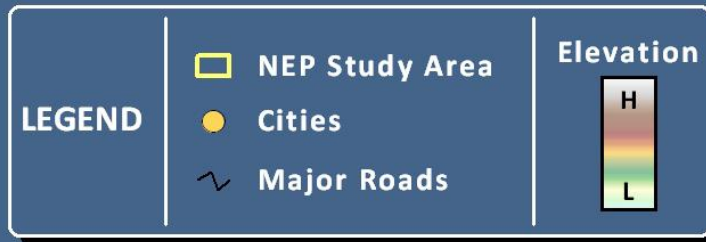
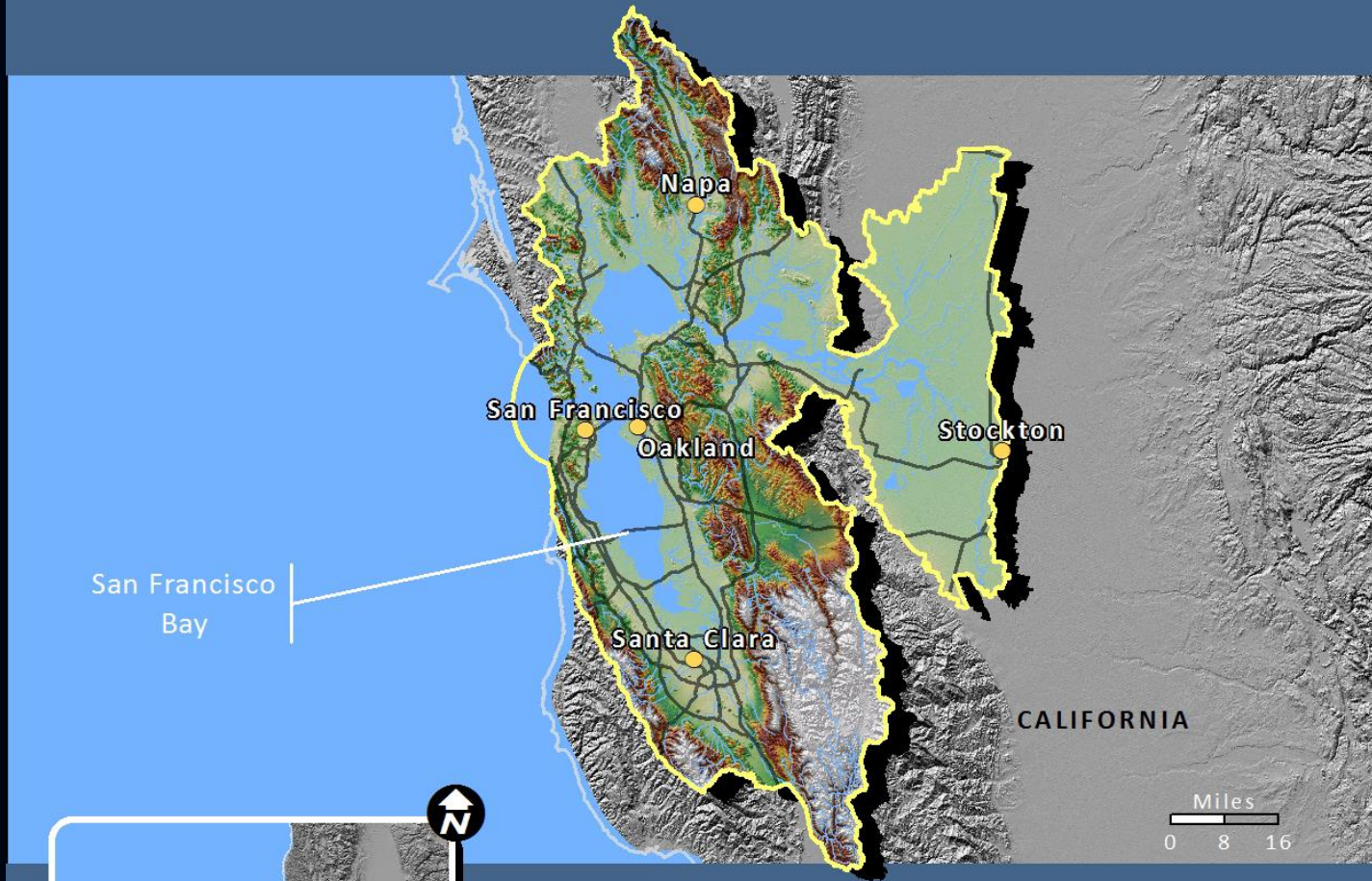




28 Estuaries of National Significance Section 320 Clean Water Act



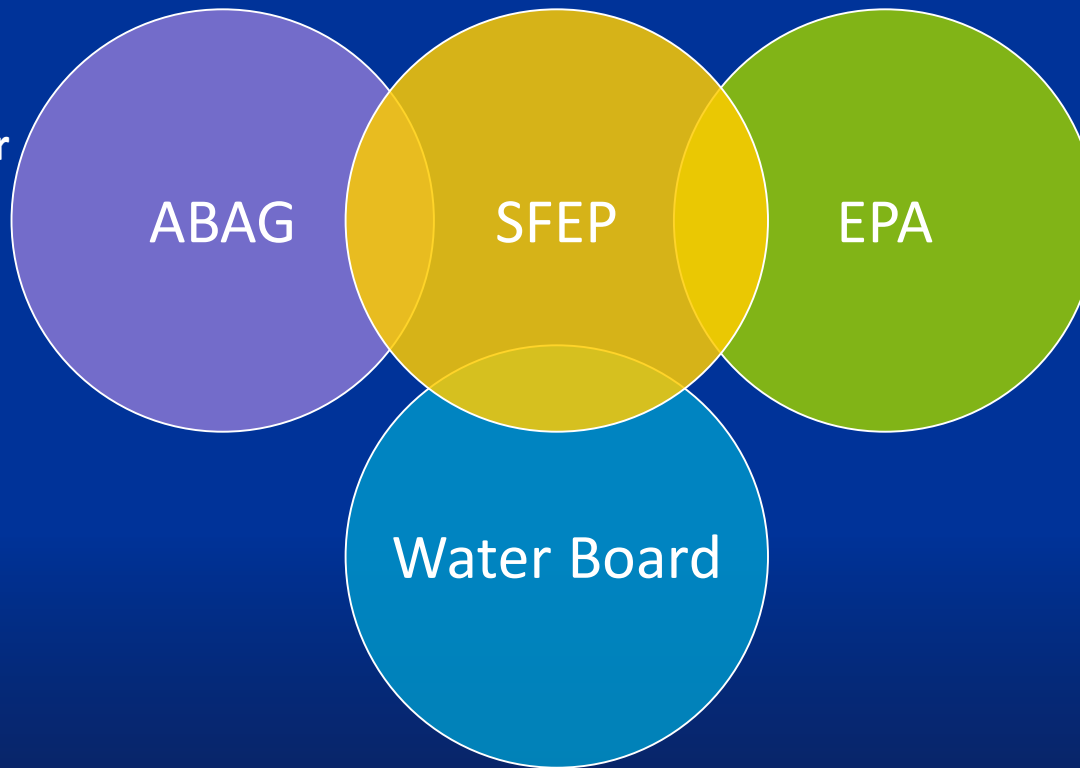
SAN FRANCISCO ESTUARY PARTNERSHIP





SFEP – Federal, State, Local Partnership

Regional Partner
SFEP's
institutional
home



Federal Partner
Clean Water Act –
Sec 320
Legislative home of
SFEP, program
approval

State Partner
Lead CCMP implementer
Physical home of SFEP



San Francisco Estuary Partnership

- Collaborative
- Non-regulatory
- Created and manage the Comprehensive Conservation and Management Plan
 - To restore and enhance the Estuary





Comprehensive Conservation and Development Plan (CCMP)

- 1993 - first master plan for Estuary
- 2007 – Updated
- 2016 – Major overhaul





What does the CCMP mean to you?

- Represents a unifying collaborative blueprint for the future of our Estuary
- Helps move forward your organization's goals and priority actions
- Governs eligibility for some grants
- Tracking and reporting out on progress



Where do we want to be in 2050 and what can we do in the next five years to get there?





Process

- Draft developed with Steering Committee and Topic Area Subcommittees
- Released for public comment 9/17/15 – 11/13/15
- Revising draft based on public comment and additional partner input
- Final CCMP released Spring, 2016



2016 CCMP

- 4 Goals
- Under 40 actions



Sustain and improve habitats and living resources



Improve water quality and increase water quantity



Increase resiliency to sustain functions in the face of climate change



Champion the Estuary through public understanding and stewardship



Water Subcommittee Members

- Luisa Valiela, EPA
- Tom Mumley, SF Water Board
- Harry Seraydarian, NBWA
- John Andrew, DWR
- Barry Nelson, Western Water Strategies
- Leo Winternitz, GEI
- Campbell Ingram, Delta Conservancy
- Mike Connor, EBDA
- Carl Morrison, BAFPA



Water Actions in Draft CCMP

- Develop long-term drought plans
- Reduce landscape water use
- Increase water recycling
- Change public perception of the value of water
- Promote indirect potable reuse and standards for direct potable reuse
- Assess potential application of “waste and unreasonable use”
- Integrate water into Plan Bay Area and Delta equivalents
- Adopt new Bay-Delta freshwater inflow/outflow standards
- Increase agricultural water use efficiency
- Identify/eliminate illegal water diversions
- Address emerging contaminants
- Decrease raw sewage discharges
- Manage stormwater with Low Impact Development/Green Infrastructure practices
- Implement select TMDLs
- Manage nutrients
- Reduce trash input



Suggested New Action: Increase non-potable water recycling

3 Components:

- 1) Increase the beneficial reuse of recycled wastewater produced by Estuary wastewater treatment plants;
- 2) Promote indirect potable reuse (IPR) with regional agencies;
- 3) Following state lead, promote the development of standards for direct potable reuse (DPR).

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Questions?

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