



BDCP

BAY DELTA CONSERVATION PLAN

Bay Delta Conservation Plan Update

California Tribal Water Plenary
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Why is the Delta Important?



Unique habitat

- 750 plant and animal species
- More than 40 threatened and endangered species



Economy and infrastructure

- Agriculture, recreation, transportation, energy reserves, flood protection

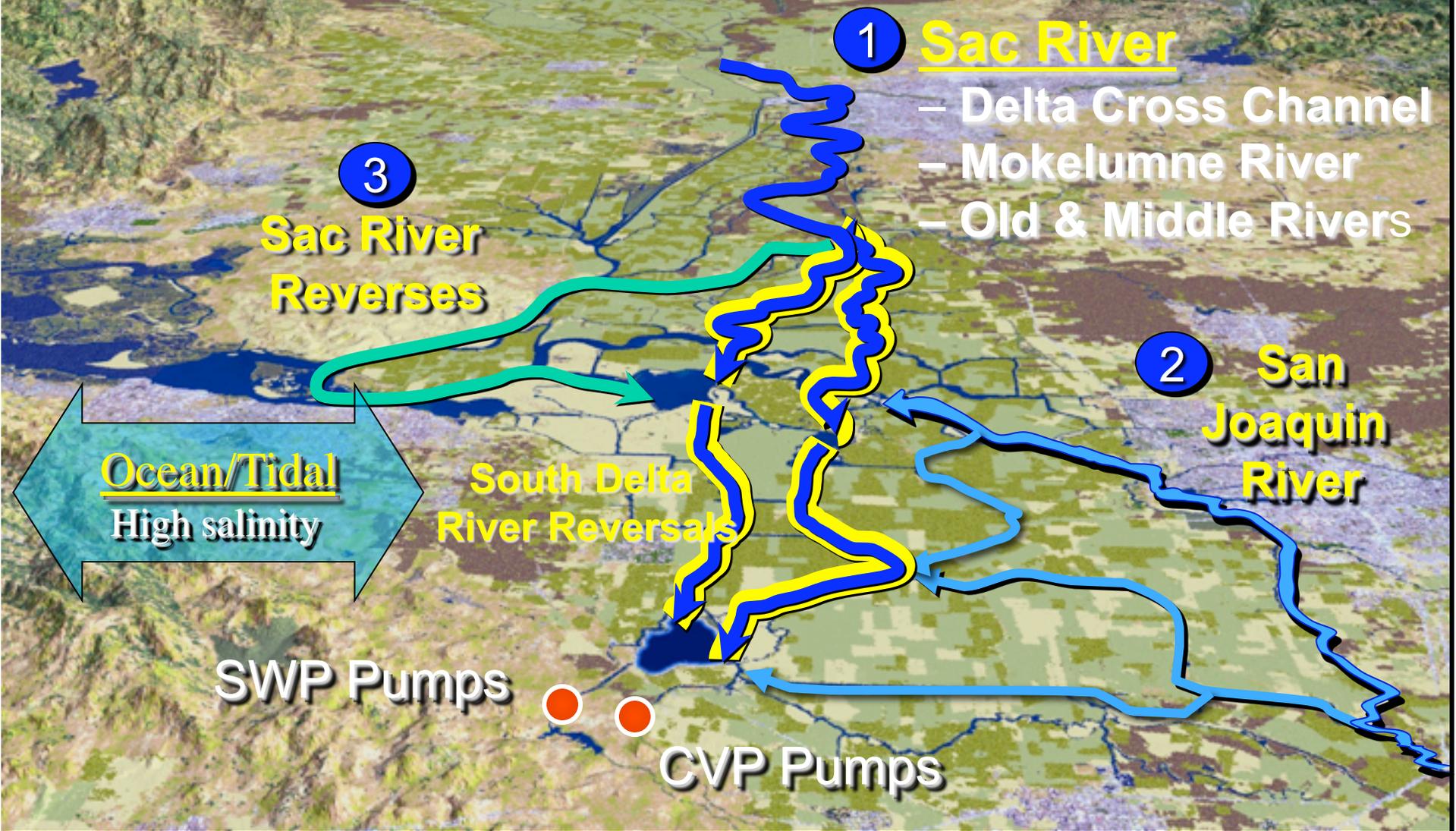


Water conveyance

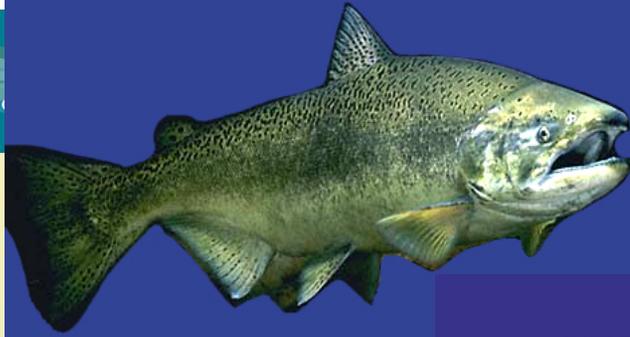
- SWP and CVP, drinking water for 25 million people
- Irrigation for ~3 million acres of farmland

- ✓ Pelagic Organism Decline
- ✓ Drought
- ✓ Biological Opinion for delta smelt
- ✓ ESA lawsuits re: salmon
- ✓ Longfin smelt listing

How Water Currently Flows Across the Delta



Covered Species



- Delta smelt
- Longfin smelt
- Chinook salmon
 - winter, spring, fall and late fall
- Green and white sturgeon
- Central valley steelhead
- Sacramento splittail
- 37 terrestrial species



BIOLOGICAL GOALS AND OBJECTIVES FOR COVERED AQUATIC SPECIES

Survival
Fitness
Distribution
Growth rate
Mortality

HABITAT CONSERVATION ACTIONS

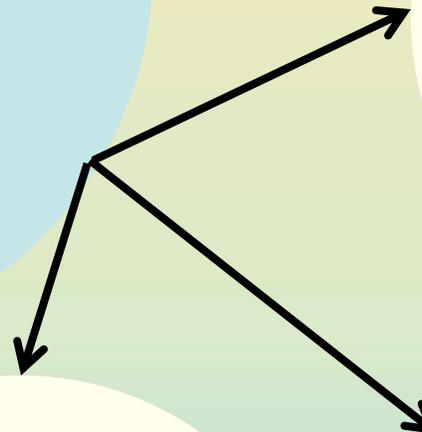
Phytoplankton and zooplankton (fish food)
Spawning and rearing

OTHER STRESSORS CONSERVATION ACTIONS

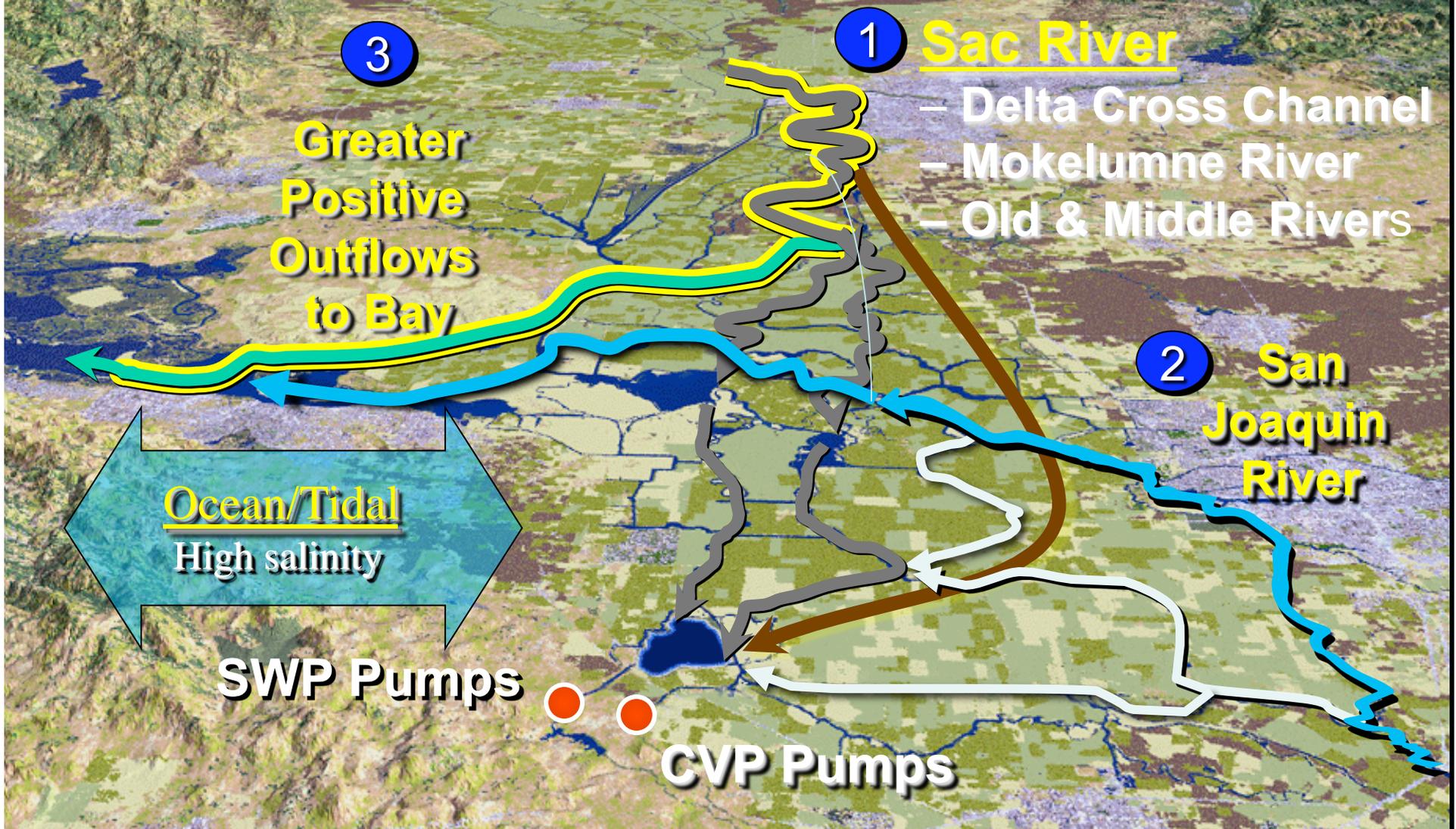
Contaminants
Predation effects
Fish passage
Disease
Non-natives
Harvest

WATER OPERATIONS CONSERVATION ACTIONS

Water quality
Entrainment
Water flow and habitat conditions



How Water Would Get Across the Delta with the BDCP



LEGEND

- Planning Area Boundary
- Conservation Measure
- Seasonally Inundated Floodplain, Channel Margin, and Riparian Restoration

Conveyance/Flow

- Inflow/Outflow
- Bypass flow

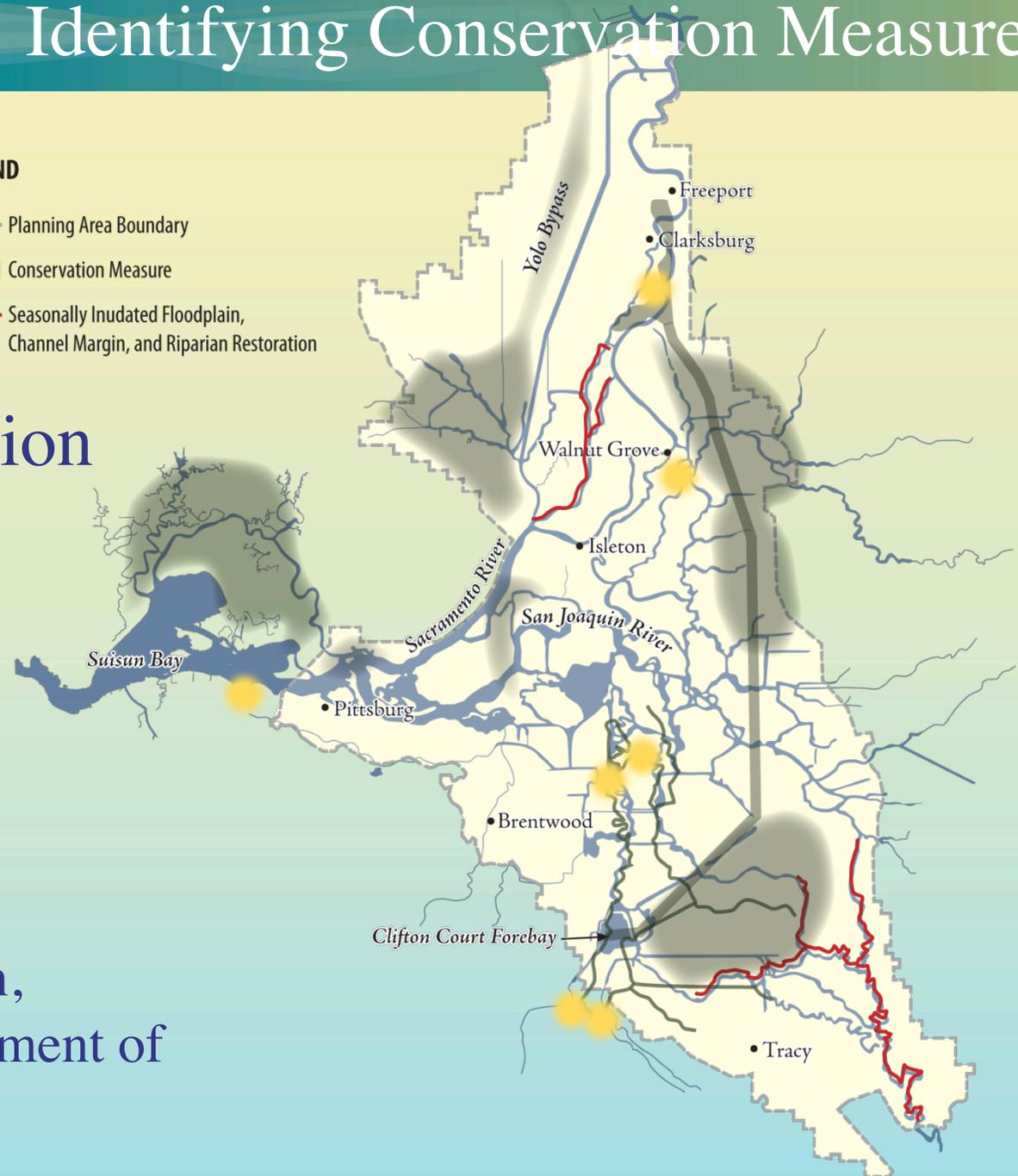


LEGEND

- Planning Area Boundary
- Conservation Measure
- Seasonally Inundated Floodplain, Channel Margin, and Riparian Restoration

Habitat Restoration

- ▶ Floodplain
- ▶ Tidal marsh
- ▶ Channel margin
- ▶ Habitat conservation, protection & enhancement of terrestrial species

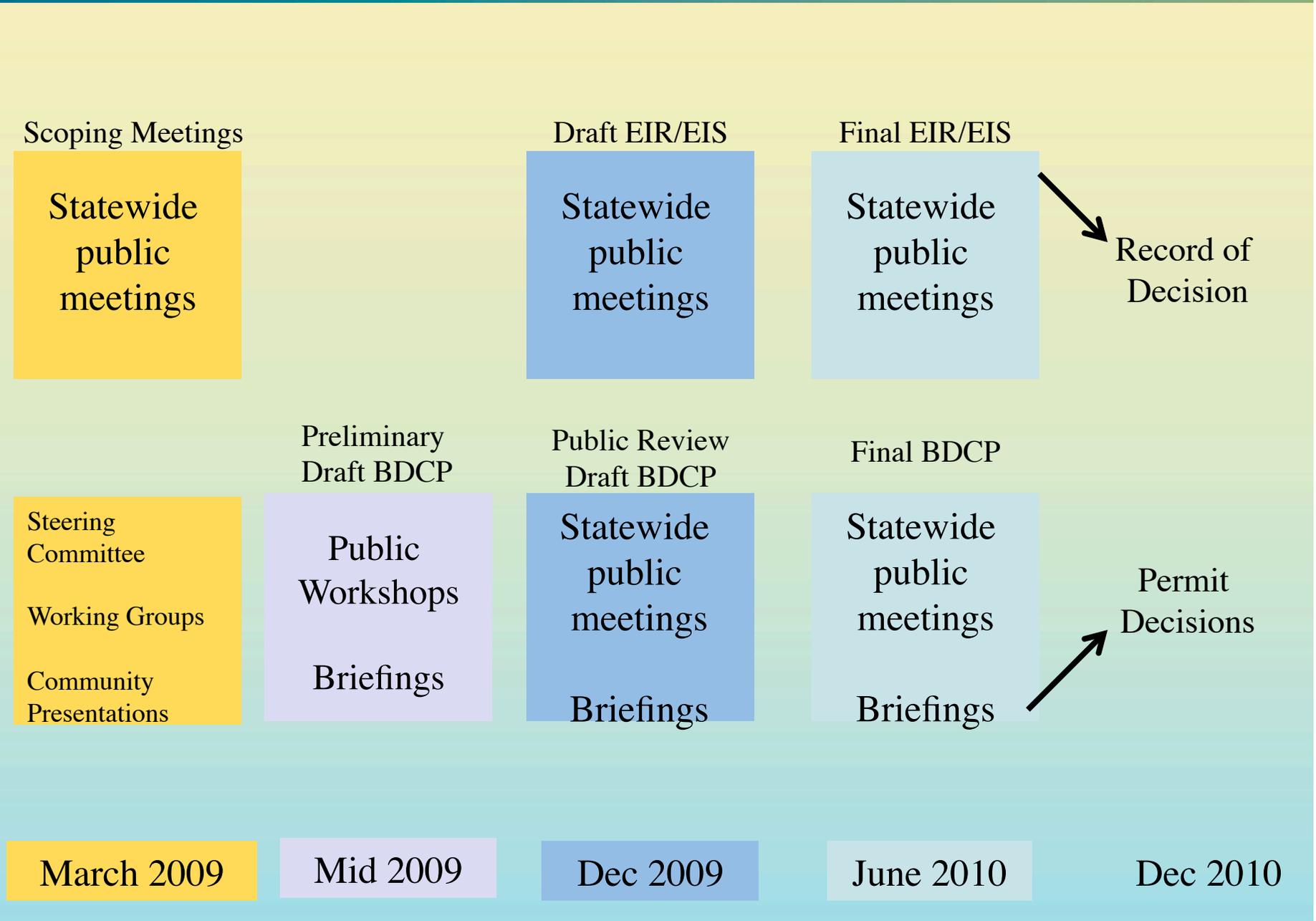


Other Stressors

- Non-Native Invasive Species
- Toxic Contaminants
- Harvest
- Non-project Diversions
- Other Water Quality Issues



Outreach Process



Q&A

LEGEND

- Planning Area Boundary
- Conservation Measure
- Seasonally Inundated Floodplain, Channel Margin, and Riparian Restoration

