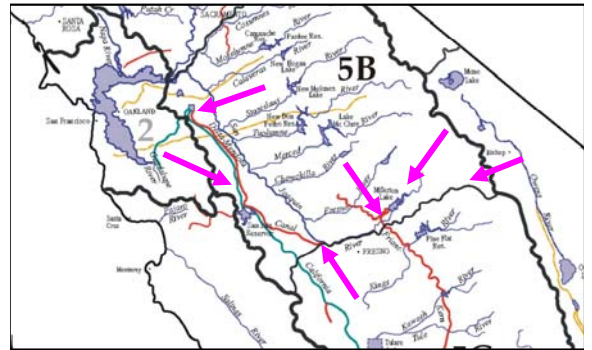
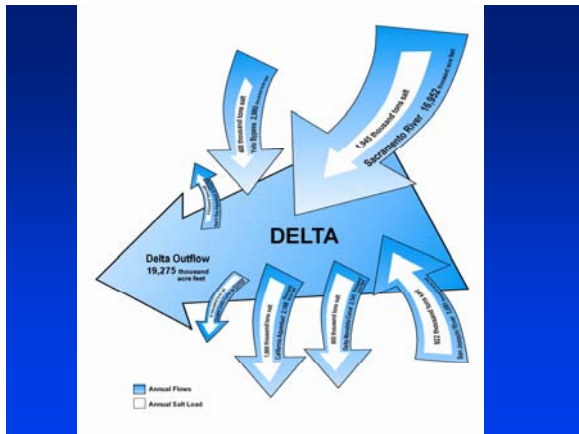
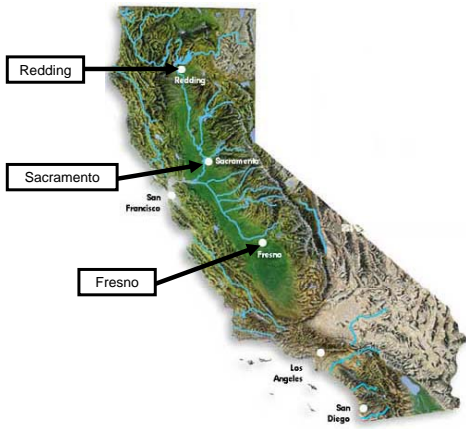
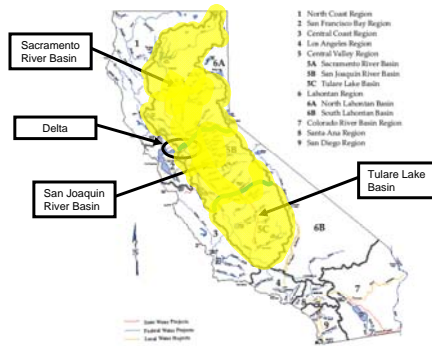


Central Valley Salinity/Nutrient Management Planning Through CV-SALTS

06/17/2010

State of California
Water Quality Control Regions and Basins



Problem

- Increasing salinity and nitrate in groundwater, increased use of groundwater drought demands
- Salinity and nitrate exceedences require attention
- No economic method for salt removal or ocean discharge
- Uncoordinated regulatory approach to solutions and stepwise optimization limits successes
- Old outdated basin plan results in overly conservative or inadequate standards today

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Solutions

- Alternative regulatory process to ensure stakeholder engagement
- Stakeholders lead collaborative funding/oversight
- Maximum benefits and long term sustainability
- Innovative programs
 - ◆ Real time management in surface water
 - ◆ Source water changes
 - ◆ On-farm management/reuse
 - ◆ Product reformulation and reuse
 - ◆ Waste alternatives

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- New Regulatory Program
- Salt Management Plan
- Salt and Nutrient Management Plan
- Basin Plan Amendment
 - Stakeholder Driven
 - Little Hoover Commission Endorsed

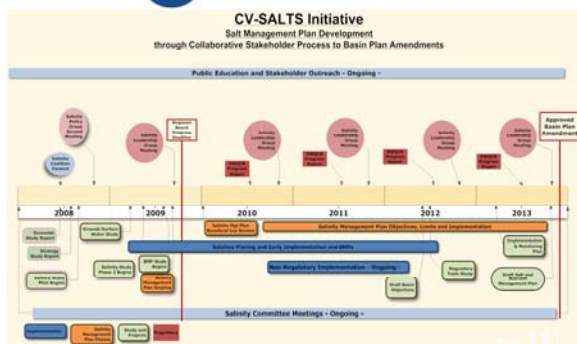
STAKEHOLDER
ANY USER OF
CENTRAL
VALLEY
SURFACE OR
GROUND
WATERS

9

Leadership Group Goals

- All users of Central Valley surface waters and groundwaters are engaged and actively participating in the effort
- All users contributing to and/or impacted by salts and nitrate in Central Valley waters contribute financial or other resources to planning and control efforts
- A regional Salinity Management Plan is developed and implemented through amendments to the Central Valley Basin Plans and Delta Plan

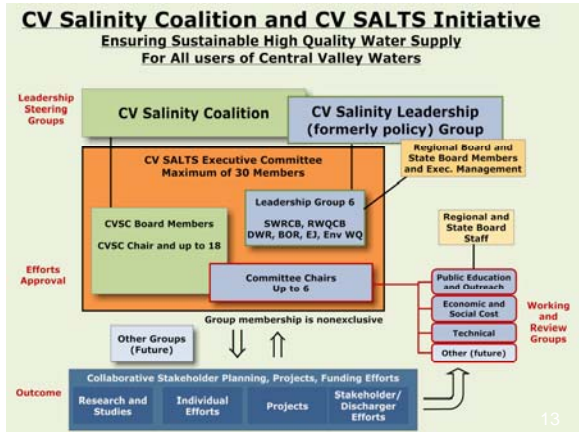
10



Central Valley Salinity Coalition

- Non-Profit coalition of users of Central Valley Water
 - ◆ Water and wastewater
 - ◆ Agricultural and irrigation
 - ◆ Industry and others
- Effective efficient manner developing and funding studies, planning and implementation efforts

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Plan

- Overarching Work Plan Outline
- Distributed implementation for efficiency
- Cost efficient management opportunities
- Economic benefits of salt management
- Stakeholder and public outreach

15

