Central Valley Flood Protection Board Update

January 23, 2015

Presented by:

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Today's Discussion

Where We've Been

- Preliminary BWFS Approaches

Where We Are

- Draft Conservation Strategy Release

Where We're Going

- 2017 CVFPP Integration

Where We've Been

Preliminary BWFS Approaches

2017 CVFPP Update

Chapter 1 Context	Setting Historical Context
Chapter 2 Converging	Summary of Refinements and Areas of Alignment
Chapter 3 System Management	Strategies to Improve System Management
Chapter 4 Implementation Timing	Investment Approach
Chapter 5 Measuring Value	Tracking, Reporting of Investment Actions & Results

One Process, Many Activities

CVFPP Assessment

- BWFS System Performance Analysis
- RFMP Regional Visions and Priorities
- Conservation Strategy
- O&M
- Safety & Risk
- Climate Change
- Long-term Economic Consequences of Flooding
- USACE Feasibility Studies

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BWFS System Configurations

Chapter 2 Converging

Chapter 3 System Management

- Refine the State's vision for implementing SSIA
- Packages of structural and nonstructural actions
- Flexible to account for new information and changes in priorities or systemwide needs
- Technical evaluations ongoing
- Informed by regional priorities; will inform long-term financing and implementation strategies for the SSIA and the 2017 CVFPP Update

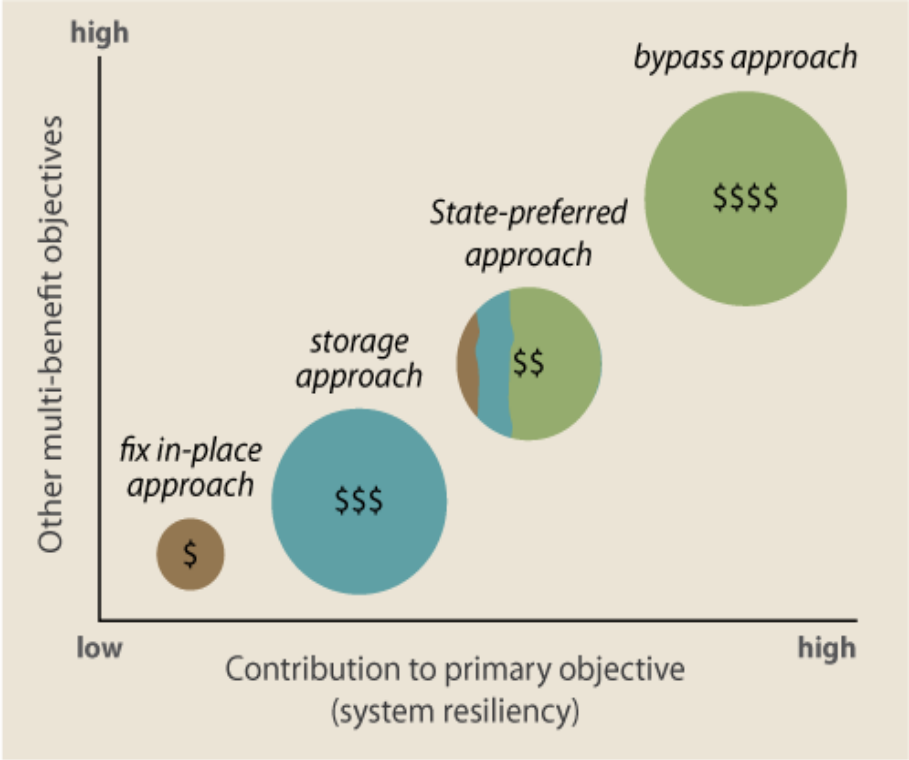
Preliminary BWFS Approaches

- Approach I: Fix in Place
- Approach II: Build Storage to Store Peak Flood Flows
- Approach III: Expand and Extend Bypasses to Increase Conveyance Capacity of the Flood Management System
- Approach IV: Combination of balanced and reasonable actions in Approaches I-III

Identifying the State-Preferred Approach

- Consistency with SSIA
- Hydraulic modeling studies/ geotechnical assessments
- Multi-benefit aspects
- Cost-efficiency
- Flexibility for future improvements

Conceptual Approach



Capital Investment vs. Benefits

Various approaches for improving system element of SSIA

Where We Are

Draft Conservation Strategy Release

One Process, Many Activities

CVFPP Assessment

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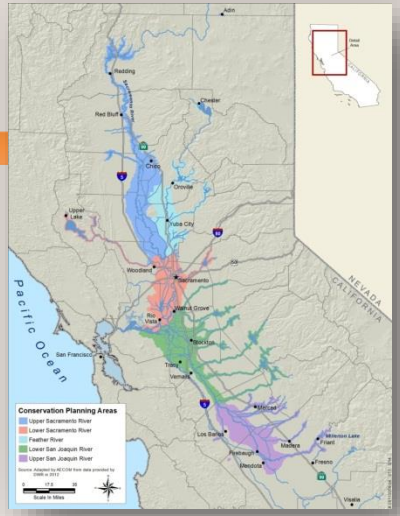


Draft Conservation Strategy

Conservation Strategy Overview

- Strategy Highlights
- Supporting Multi-Benefit Flood Management

Outreach and Collaboration

- Development Schedule
- Public Review Schedule
- Upcoming Public Engagement Opportunities

Conservation Strategy Overview

Chapter 2 Converging

Chapter 5 Measuring Value

- Provides a comprehensive, long-term approach to improving riverine habitat and floodplains
- Expands public support and funding for flood projects, improves project delivery, reduces long-term costs and attracts funding from other sources
- Helps DWR and others plan, design and implement multi-benefit flood improvement actions
- Supports the CVFPP Act; is consistent with the California Water Action Plan and CVFPP goals

The Strategy Provides

Chapter 2 Converging | Chapter 4 Implementation Timing | Chapter 5 Measuring Value

- A programmatic permitting strategy for capital improvements and system maintenance
- An improved vegetation management approach to reduce operations and maintenance burdens
- Ecological targets and measurable objectives to track progress, facilitate adaptive management and measure success
- Advance mitigation to improve project delivery and reduce costs
- Information and tools for use in planning and permitting processes

Supporting Multi-Benefit Flood Management

Chapter 2 Converging

Chapter 5 Measuring Value

- Provides tools, data, approaches and guidance (e.g., ecological goals and targets) for development of multi-benefit projects
- Informs Basin-Wide Feasibility Studies and Regional Flood Management Plans
- Increases opportunities for greater cost-sharing associated with a broader range of benefits
- Creates a framework for valuation of benefits

Conservation Strategy Development Schedule

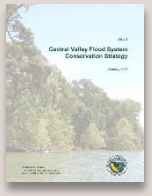
2012	2013	2014				2015				2016	2017
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		

Conservation Framework
(Appendix to 2012 CVFPP)

Administrative Draft
Conservation Strategy

Appendix L Developed
Summary of Conservation Needs and Scale of Restoration Opportunities

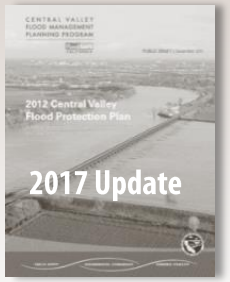
Draft Conservation
Strategy & Appendix L
Public Release



Appendices A-K
Public Release

2017 Update
Public Draft

2017 Update
Adoption

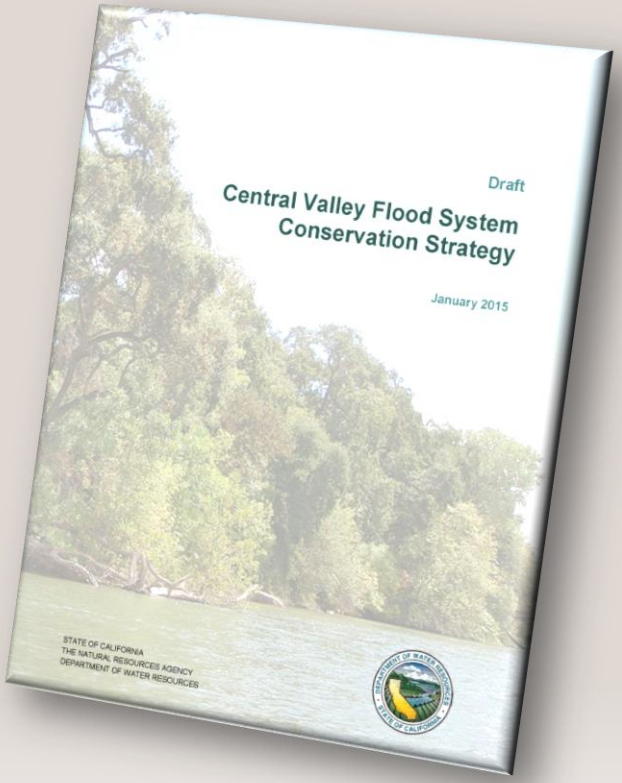


Outreach and Collaboration to Date

- Two Public Technical Workshops
- Interagency Advisory Committee (IAC)
  - Conservation Strategy Development Subcommittee
  - Regional Permitting Subcommittee (FRRPP)
- Liaisons with RFMPs
- Technical support to BWFS
- Measurable Objectives Technical Advisory Workgroup
- Outreach to NGOs, Agricultural Community, LMAs, Local Govt.
- Coordinating Committee Meeting Updates
- CVFPB Meeting Updates

Public Review Schedule

- Public Release of Draft Conservation Strategy with available Appendices – January 23, 2015
- Remaining Appendices to be released by end of February 2015
- 60-day public comment period to begin once all Appendices are released
- Comments to inform Final Draft Conservation Strategy and 2017 CVFPP



http://www.water.ca.gov/conservationstrategy/cs_new.cfm

Upcoming Conservation Strategy Public Engagement Opportunities

Presentations

- CVFPB Coordination Committee
  January 28, 2015

- CVFPB Conservation Strategy Workshop
  February 13, 2015

Submitting Comments

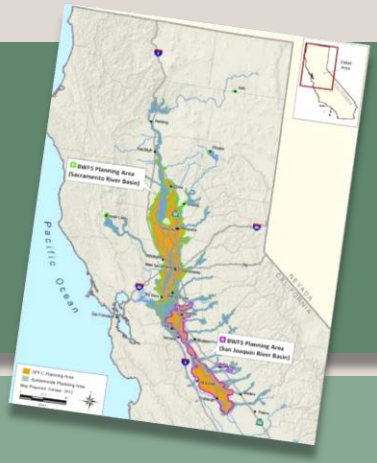
- Attention: Stacy Cepello
  info-fessro@water.ca.gov

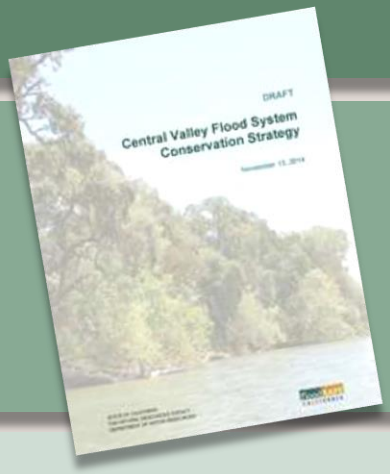
Where We're Going

2017 CVFPP Integration

2017 CVFPP Integration

BWFS Preliminary Technical Work

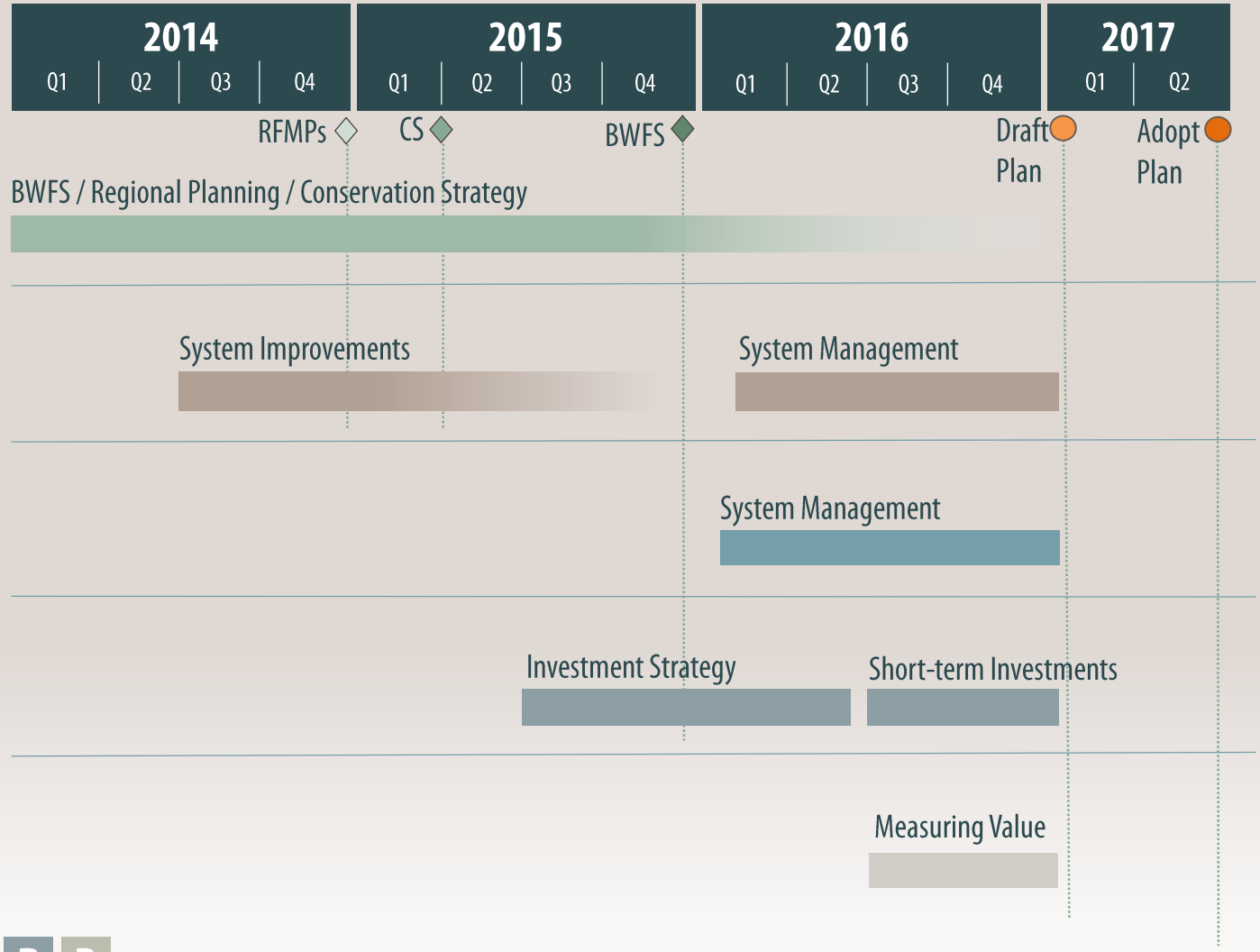




Conservation Strategy Guidance

Regional Visions & Priorities

CVFPP Progression (as of January 2015)



Proposed Future Updates

Regular CVFPP, Coordinating Committee and public updates planned:

Venue	Date	Proposed Topic
Coordinating Committee Meeting	January 28, 2015	CVFPP Update – BWFS Atlases/ Conservation Strategy Discussion
CVFPB Public Workshop	February 13, 2015	Conservation Strategy Review
Coordinating Committee Meeting	February 2015 (Date TBD)	CVFPP Update – Summary of DWR's RFMP Phase 1 Content Review
CVFPB Meeting	February 27, 2015	CVFPP Update – BWFS Preliminary Technical Work

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