

CENTRAL VALLEY
FLOOD MANAGEMENT
PLANNING PROGRAM



Central Valley Flood Protection Plan Management Actions Workshop

Integration of Environmental, Water Supply, and Other Benefits

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August 2010

Workshop Agenda

- Welcome and Introductions
- Review of Management Actions Definition and Development Process
- Overview of Integration Management Actions Workshop Process
- Review of Draft List of Opportunities for Strategic Integration
 - *Group Discussion*
- Discussion of Opportunities for Strategic Integration
 - *Group Discussion*

Workshop Handouts

1. Agenda
2. Categories of Management Actions for Round 2 Workshop Discussions
3. Worksheet Guide/Example
4. Workshop Worksheet
5. Worksheet Comment Form (blank)
6. Workshop Attendee's Guide
7. CVFPP Glossary

Management Actions

- Specific actions contributing to CVFPP goals and addressing identified problems & opportunities
- Include structural and nonstructural strategies and actions
- May address a single goal or multiple goals
- Building blocks for regional solutions
- Broad and not yet site specific

Management Actions Development Process

Initial Identification

- Reference Documents
- Phase 1 Work Groups

Categorization & Preliminary Evaluation

- DWR subject-matter experts

Refinement

- RMAWG Meeting #1
- Workshops - Round 1 (category-based)

Community Application & Other Benefits Integration

- Workshops – Round 2 (application based)

Regional Applicability

- RMAWG Meeting # 2

Documentation

- Management Actions - Working Report
- IPS No. 2

Management Actions Categories

Disaster
Preparedness &
Flood Warning

Flood Fighting,
Emergency Response
& Flood Recovery

Additional
Floodplain and
Reservoir
Storage

Storage
Operations

Flood Protection
System
Modification

Operation &
Maintenance

Permitting

Finance
& Revenue

Policy &
Regulations

Floodplain
Management

Ecosystem
Restoration

Definition of Integrated Flood Management

(Source: FloodSAFE Strategic Plan)

- A flood risk reduction approach that recognizes:
 - The interconnection of flood management actions within the context of land-use planning and broader water resources management;
 - The value of coordination across geographic and agency boundaries;
 - The need to evaluate opportunities and potential impacts from a system perspective; and
 - The importance of environmental stewardship and sustainability.

Strategic Integration

- Within the context of this workshop, integration means . . .
 - looking beyond the incidental or ancillary benefits that may occur as a result of implementing flood management improvements, and
 - incorporating features or actions that would **STRATEGICALLY** broaden the opportunities to achieve water supply, environmental restoration or other benefits.

Key Integration Principles

- Long-term Sustainability
- Multi-objective Ecologic and Water Supply Benefits
- Multiple Spatial and Temporal Scales
- Early and Integrated Phased Planning
- Broader Description of Costs and Benefits
- Variety/Diversification of Approaches
- Flow Regimes and Floodplain Processes
- Science- and Economic-based Solutions, Monitoring, and Adaptive Management

Workshop Process

- Review and refine a draft list of opportunities for strategic integration (environmental, water supply, other benefits).
- For each management action category:
 - Discuss conditions, characteristics, or settings that are needed for successful integration
 - Review and refine initial description of integration challenges
 - Discuss how management actions might be modified to maximize integration

Discussion

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Floodplain and Reservoir Storage, and Storage Operations Integration Opportunities

Discussion

Flood Protection System Modification Integration Opportunities

Discussion

Operations and Maintenance Integration Opportunities

Discussion

Floodplain Management Integration Opportunities

Discussion

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Other Management Actions Categories

Limited opportunities for integration

Disaster Preparedness & Flood Warning

Flood Fighting, Emergency Response & Flood Recovery

Additional Floodplain and Reservoir Storage

Storage Operations

Flood Protection System Modification

Operation & Maintenance

Permitting

Finance & Revenue

Policy & Regulations

Floodplain Management

Ecosystem Restoration

Ways to help with integration

Incorporated in other categories

Other Multi-Use, Multi-Benefit Integration Opportunities

Discussion

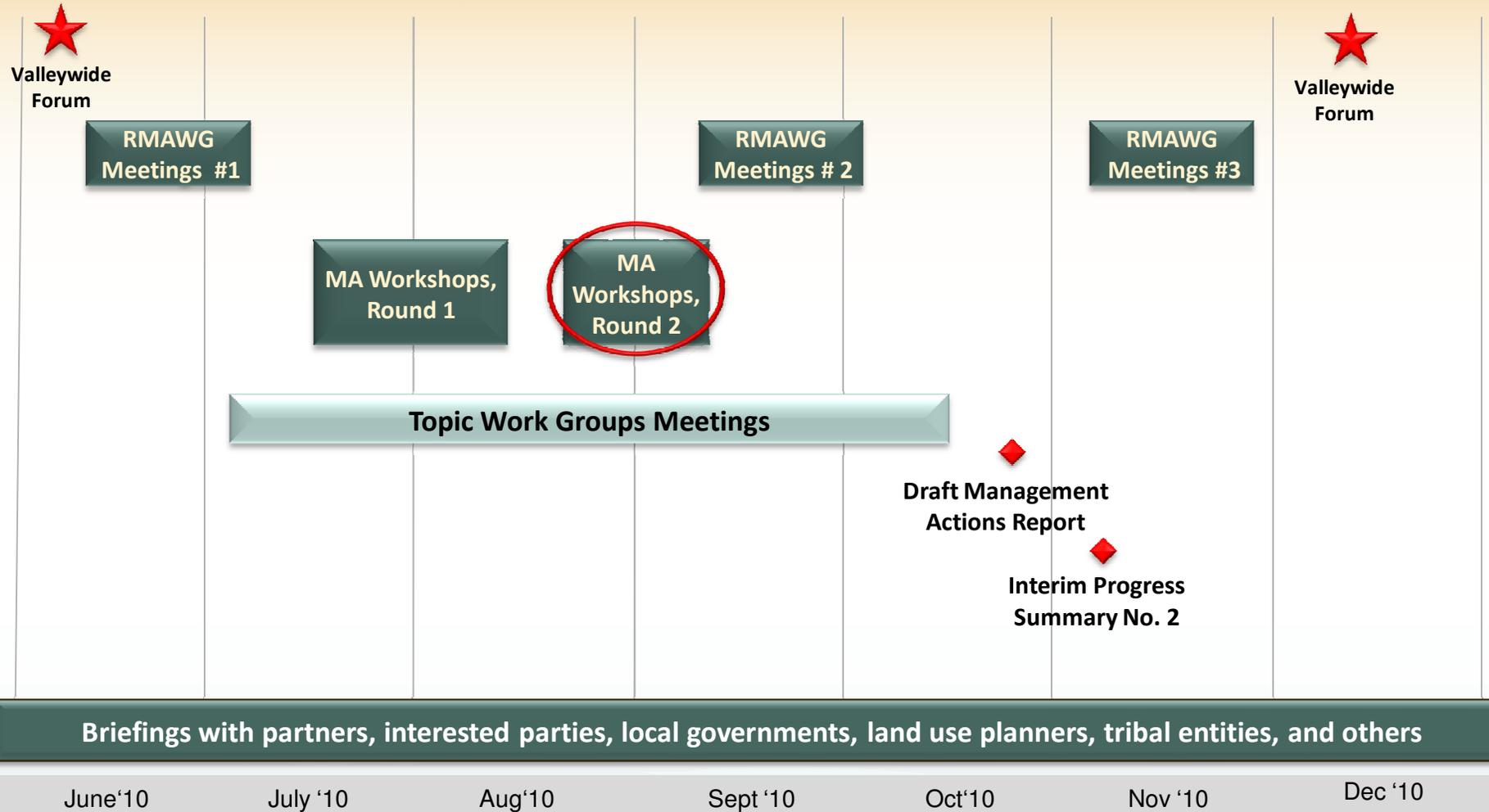
Meeting Recap & Next Steps

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Management Actions Timeline



Where to Send Additional Comments

- To provide detailed comments, use the fillable PDF *Worksheet*.
 - A separate worksheet for each Round 2 workshop.
 - The fillable PDF is available at www.water.ca.gov/cvfmp/meetings (Phase 2: Management Actions)
- Comments should be sent to
 - Alexandra Tollette (alexandra.tollette@mwhglobal.com, or Fax (916) 924-9102)
- Comments are due within 2 business days of the workshop (*due by August 30, 2010*)

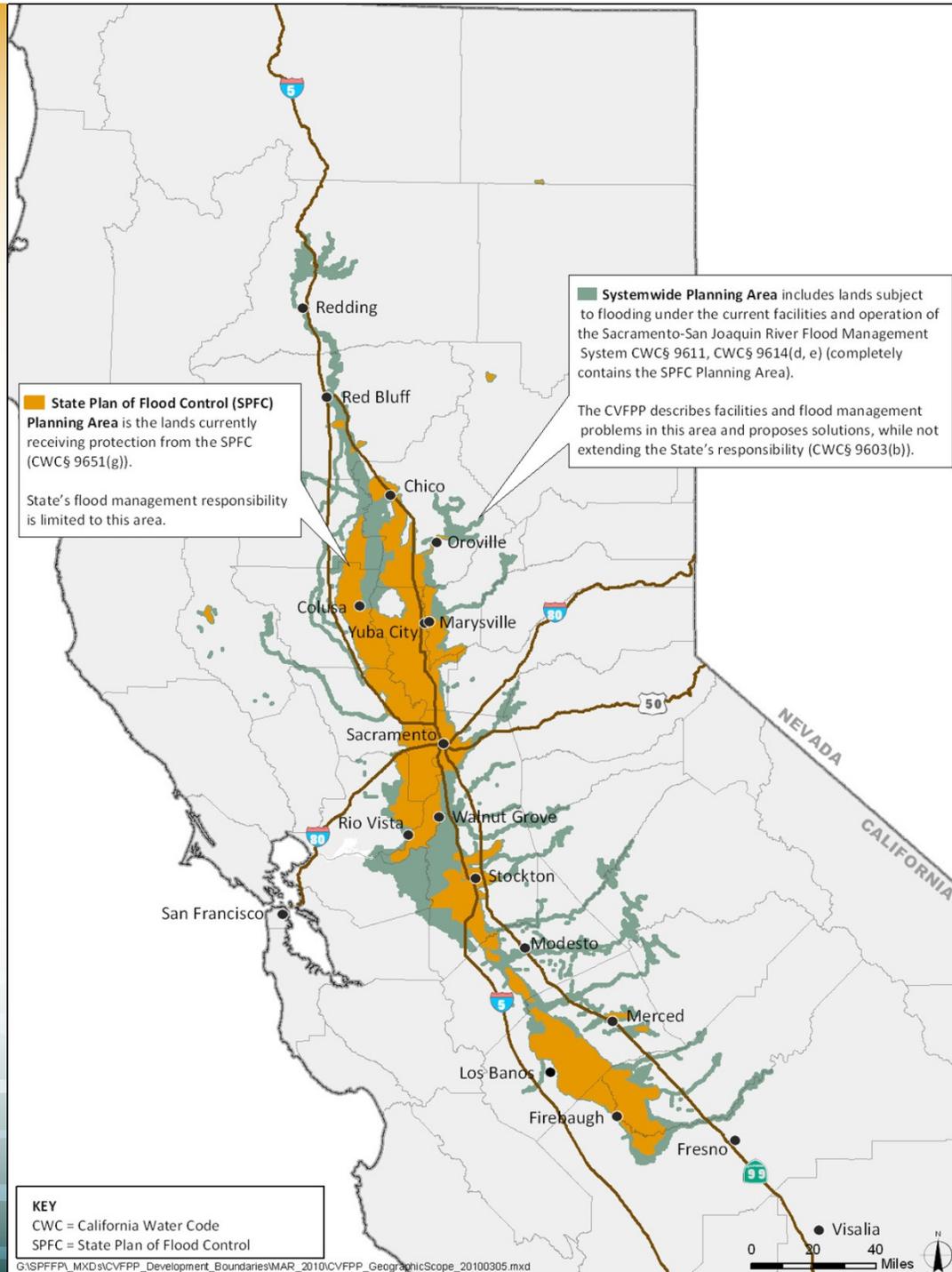
Back-up Slides

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Geographic Scope of CVFPP



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CVFPP Work Group Regions



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