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Resolution Number and Text		Status Report (New information shown in red	
11(e)	DWR anticipates completing a draft Central Valley Flood System Conservation Strategy not later than 2014, expanding on the Conservation Framework attached to the adopted CVFPP, to describe long-term, system-wide conservation objectives and covered actions associated with the flood management system.	DWR has conducted briefings the 2nd Working Draft of the CVFS Conservation Strategy, both inte and with the Strategy's Interagency Advisory Committee. The Strategy is being revised to incorpora As part of the Strategy's development process, staff from both FESSRO and CVFPO have been m coordination between the Strategy, the Basin-Wide Feasibility Studies, and Regional Flood Manage hosted a well-attended technical workshop to gather public input on measurable objectives. A seco engagement on this topic.	
11(f)	Pursuant to CWC § 9620(c), DWR will prepare a recommended schedule and funding plan in 2013 to implement the recommendations of the adopted CVFPP, and DWR, by December 31, 2012, will brief the Board as to how it intends to collaborate with local, State and federal agencies on the development of the recommended schedule and funding plan.	Since adoption of the CVFPP, DWR has begun implementation activities which will prioritize use of State Systemwide Investment Approach (SSIA) as described in the Central Valley Flood Protection through various funding programs for local agency implementation and for DWR-initiated implement as they are prepared; some have already issued and funding has been provided (e.g., Regional Flor Program). As stated in the 2012 CVFPP, implemention of the SSIA will require additional long-term evaluated by local agencies through Regional Flood Management Planning and at the State level i management. As a response to the growing interest in integrated water management approach, DV collaboration with Water Education Foundation and California Water Commission. This campaign across the state. A key component to this activity will be a discussion on funding, including likely response to the state.	
11(g)	DWR intends to provide funding, to be cost shared by local agencies, to implement urban, small community, and rural levee repairs and improvements consistent with the adopted CVFPP.	DWR is providing funding through several programs to implement urban, small community, and rur the adopted CVFPP. The Early Implementation Program (EIP) continues to implement urban flood (SERP) was established to address small levee repairs on levees maintained by DWR within the Sc area. Phase 1, the initial 5-year effort, is currently underway and will address approximately 306 m currently being developed for the Urban Flood Risk Reduction Program (to replace the EIP Program the Small Community Flood Risk Reduction Program to achieve 100-year flood protection for small structural means, the Flood Risk Reduction Evaluation and Study Program to evaluate flood risk re performing State and local studies, and the Flood System Repair Project, which will address deficie Repair Project guidelines have been approved and will shortly be posted. Negotiations for executin Agencies to perform repairs are expected to commence in August.	
11(j)	DWR, in coordination with the Board, USACE, local agencies and the public will initiate State-led basin- wide feasibility studies for the Sacramento and San Joaquin River Basins (in time to inform the 2017 CVFPP update) to evaluate and refine the conceptual system improvement elements described in the adopted CVFPP, including bypass expansions and new bypasses, and evaluate appropriate regional plan elements at the system-wide level. These are likely to include the formation of one or more working groups to identify potential implementation challenges and solutions, potential effects on local and regional land uses and economies, and specific multibenefit objectives for system elements.	Two basin-wide feasibility studies, the Sacramento River Basin Feasibility Study and the San Joaqu September 2012. DWR has completed its first workshop on objectives. Work on both studies is pr definition. The communicaton and engagement for basin-wide feasibility studies will leverage exist the Board's Coordinating Committee, venues established by RFMP efforts, Water Plan and other p s established as necessary, in collaboration with the Board.	
11(l)	In conducting post-adoption implementation activities associated with the adopted CVFPP, DWR will work with the Board on other ongoing projects and programs in the Central Valley to identify mutual objectives, complementary project elements, and improve the efficiency of outreach and engagement with stakeholders and the public.	DWR meets regularly with the Board, in a variety of forums, to coordinate implementation of the CV scheduled monthly informational public Board meeting. DWR participates in a monthly Coordinatin Steering Committee. In addition, an executive-level meeting between the Board's President and D' occurs on a monthly basis. The Board has also received project specific briefings when requested issues, funding requests, or change in project status. CVFPO has regular discussions with Board s and for addressing specific concerns. Where appropriate, or upon request, DWR has included Board Boar	

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nternally among several flood management programs orate these comments.

meeting frequently to ensure a high-level of agement Plans (RFMP). In May, both programs jointly cond workshop this fall with continue public

e of the remaining available bond funds to support the ion Plan. It is anticipated that all funds will be obligated nentation actions. Funding guidelines will be released Flood Management Planning, and Flood System Repair erm sustainable funding mechanisms, currently being rel through financial planning to support integrated water DWR initiated the Water 360 campaign in April 2013 in gn promotes a vision of integrated water management v reshaping of the existing water bond.

rural levee repairs and improvements consistent with ood improvements. The Small Erosion Repair Program a Sacramento River Flood Control Project (SRFCP) is miles of state maintained levees. Guidelines are ram) with a program goal to reduce urban flood risks, hall communities through both structural and nonreduction alternatives by expediting federal studies and iciencies in SPFC facilities. The final Flood System ting funding agreements with Local Maintaining

aquin River Basin Feasibility Study, were initiated in s progressing, with the current focus on problem disting established venues and opportunities, including r processes. Work groups and other venues will be

CVFPP. DWR updates the Board at the regularly ating Committee and also in the Coordinating Committee I DWR's Executive Management and respective staff ed or as necessary to inform the Board of significant of staff and Board members for continuous coordination Board staff and Board member(s) in meetings and other

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 To support implementation of the State System-wide Investment Approach detailed in the CVFPP, system-wide policies, as discussed below: A Library of Models has been developed to provide other agencies with access to all FloodSAFE most current models are available for use and analysis. Flood Forecasting has been enhanced by expanding a variety of hydro-meteorological monitoring operations and further understanding of climate and climate change. Inspection and documentation of the State-Federal Flood Control System is ongoing and updated The annual inspection of the levees, channels, and structures of the SPFC has been streamlined and by improved coordination with local maintaining agencies. Forecast-Coordinated Operations to reduce peak downstream flood flows is ongoing and is expar reservoirs in the San Joaquin Valley. Improving data exchange is an ongoing, continuous process. The development of the FERIX (Flor system has been implemented. Enhancement of Flood Emergency Response Incident Command Teams is ongoing with three ne resources improved for all teams.
 Data acquisition under the Central Valley Topography Acquisition Project is complete with the excernor has been identified, which is anticipated to be corrected by April 2013. Data obtained include Initial Post-Processed LiDAR (7,800 square miles), Final Post-Processed LiDAR (5,700 square miles). DWR is releasing approved DAP and Final Post-Processed LiDAR to local, state and fe Work on the Central Valley Hydrology Study, a partnership study with USACE, to update stream f and San Joaquin rivers and major tributaries. Work on the Central Valley Hydraulic Evaluation Project to update hydraulic models for Central Valley Hydraulic Evaluation Project to update hydraulic models for Central Valley Hydraulic Evaluation Project to update hydraulic models for Central Valley Hydraulic Evaluation Project to update hydraulic models for Central Valley Hydraulic Evaluation Project to update hydraulic models for Central Valley Hydraulic Evaluation Project to update hydraulic models for Central Valley Hydraulic Evaluation Project to update hydraulic models for Central Valley Hydraulic Evaluation Project to update hydraulic models for Central Valley Hydraulic Evaluation Project to update hydraulic models for Central Valley Hydraulic Evaluation Project to update hydraulic models for Central Valley Hydraulic Evaluation Project to update hydraulic models for Central Valley Hydraulic Evaluation Project to update hydraulic models for Central Valley Hydraulic Evaluation Project to update hydraulic models for Central Valley Hydraulic Evaluation Project to update hydraulic Evaluation Project hydraulic Evaluation
 and basin-wide flood planning efforts, and new emergency response applications including enhance completed by July 2013. Geotechnical assessment of the Central Valley levees is ongoing and program status is updated in Floodplain mapping under the Central Valley Floodplain Delineation Project is anticipated to be concerned to be concerned to the Central Valley Floodplain Delineation Project is anticipated to be concerned to be concerned to the Central Valley Floodplain Delineation Project is anticipated to be concerned to be concerned to the Central Valley Floodplain Delineation Project is anticipated to be concerned to be concerned to the Central Valley Floodplain Delineation Project is anticipated to be concerned to be co
 Awareness Floodplain Mapping, 100-year advisory (non-regulatory) flood event maps for areas in next 25 years, is complete with mapping of 26,500 river miles. The Building Standards Code updates for areas protected by SPFC facilities where flood levels are event were unanimously adopted by the California Building Codes Commission and cities are currer. Community Assistance Visits are ongoing with more than 260 community assistance visits and 12 conducted to date. Flood Risk annual notification is ongoing with written flood risk notices mailed annually to property 2010, 2011, and 2012. This notification is unique in that it utilizes both GIS information about local produce notices that are targeted to and provide specific local flood risk information for each parce

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P, DWR continues investing in new data, tools, and
E models to reduce duplication of effort and ensure the
ng efforts that also support improved reservoir
ed annually.
ed and modernized with geo-referenced data and maps
anding from the Yuba-Feather Basin to flood control
Flood Emorganow Decourses Information Evolution
Flood Emergency Response Information Exchange) cies, reservoir operators, etc. is complete and the
new teams added and updated equipment and
xception of a small area in the Delta where a datum des Digital Aerial Photography (9,000 square miles),
niles), and bathymetric and field surveys (5,500 cross
federal agencies.
n flow frequencies and magnitudes of the Sacramento
Valley rivers and streams to support local, regional,
nced river stage forecasting is anticipated to be
d monthly in the DWR report to the Board.
completed by July 2013. The project will provide Urban
rysville, Davis, Woodland, West Sacramento,
eness to property owners protected by SPFC levees, is
evees.
in the state expected to have some development in the
are anticipated to exceed 3 feet for a 200-year flood
rrently adopting the codes voluntarily.
128 local floodplain management training workshops
rty owners of more than 350,000 distinct properties in al flood risks and county assessor parcel databases to
cel.
ulti-benefit flood management improvement projects.

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11(o)	DWR will conduct additional analyses to evaluate the effects of climate change and the effectiveness of various flood system improvements proposed in the SSIA to accommodate future changes in hydrology and sea level rise, for use in the basin-wide feasibility studies.	DWR is currently working with climate change experts to advance the knowledge of atmospheric riv California floodings, with findings scheduled to be available in late 2014. The new information will h atmospheric river intensity changes under climate change conditions. In addition, DWR expanded collaboration with cliamte change experts for the 2012 CVFPP to perform initial exploratory studies flood management system. Additional refinements on the vulnerability analysis are scheduled to as the outcomes of the vulnerability could also provide additional infroamtion for regional planning pur climate change study development progress. In addition, DWR has commissioned the National Research Council to review the sea leve rise proj and documented in the report entitled "Sea-Level Rise for the Coasts of California, Oregon, and W sea level rise information, DWR has revised the downstream boundary conditions that would be us also updating with the new hydraulic modeling tools developed in the Central Valley Floodplain Eva
11(p)	The proposed CVFPP includes the Folsom Dam Joint Federal Project, the Folsom Dam Water Control Manual Update Project, the Folsom Dam Raise Project, the Yuba-Feather Rivers Joint Project for Forecast Coordinated Operations (FCO), and FCO for other reservoirs. These projects will have the effect of increasing and / or improving the use of the reservoir storage space for flood management. In addition to these projects, DWR will: (1) consider reservoir reoperations, expansions or modifications, including those proposed by local or regional entities; and (2) continue to consider flood management as an objective of its ongoing multi-benefit surface storage investigations and system-wide reoperation studies. Should these related DWR efforts identify flood management as a component of a feasible reservoir storage project, such project may be proposed for implementation under the adopted CVFPP and / or may be reflected in future updates to the adopted CVFPP.	DWR is actively collaborating with USACE and other local flood management agencies in CVFPB/I Central Valley that will have the effect of increasing and / or improving the use of the reservoir stora construction project includes the Folsom Dam Joint Federal Project. The Folsom Dam Raise Proje initial negotiation with USACE and SAFCA for the Project Partnering Agreement on this project. DV Folsom Dam Water Control Manual in coordination with the USACE and National Weather Service parameters to incorporate forecasts and upstream conditions. Public outreach and collaboration is will include proposed reservoir reoperations, expansions, or modifications within the Central Valley potentially viable options. Ongoing enhancement of the Yuba-Feather Forecast-Coordinated Opera Joaquin Forecast-Coordinated Operations (see 11(n) above). Flood management is currently, and benefit surface storage investigations and system-wide reoperation studies.
11(q)	DWR will continue to provide guidance, criteria, data, analyses and technical support to assist cities and counties in making findings related to the urban level of flood protection and related land use planning requirements that come into effect upon adoption of the CVFPP to assist them to meet their statutory deadlines. The Board encourages DWR to provide preliminary 100- and 200-year floodplain mapping of areas protected by SPFC facilities to cities and counties by July 1, 2013 to allow cities and counties to meet their statutory deadlines.	DWR has completed the Urban Levee Design Criteria (ULDC) in May 2012, and a draft Urban Level ULDC is engineering criteria that is incorporated by reference in the ULOP Criteria where levees ar flood protection (200-year level of protection). Subsequent Senate Bill 1278 and Assembly Bill 190 clarify certain aspects of the 2007 legislation, and to amend some of the milestone dates and time SB 1278 requires DWR to provide information maps for the 200-year floodplain in urban areas from to the failure of State Plan of Flood Control facilities by June July 2, 2013. DWR has completed the available to 10 urban areas in the Central Valley. DWR is conducting additional coordination with of applications. In response to the legislation amendments and associated changes, DWR has reinitiated a work gr Protection Criteria. The newly formed Urban Level of Flood Protection Criteria includes participant floodplain managers, environmental interests, and Board members and staff. The criteria refinement initiated efforts to develop model languages that could provide references for cities and counties wir requirements.
	Studies and analyses that result from implementation of the adopted CVFPP will be included in the 2017 update of the CVFPP and will be shared with the USACE to be considered in its Central Valley Integrated Flood Management Study scheduled for release at the same time, consistent with the State's goal to maximize federal and local cost sharing.	DWR worked closely with USACE to rescope the Central Valley Integrated Flood Management Stu modernization guidance; a revised Feasibility Cost Share Agreement for CVIFMS was prepared an The revised FCSA for CVIFMS encompasses a 3-year, \$5 million watershed study (a briefing was i and USACE staffs continue to coordinate planning efforts, including ongoing federal cost share fea the development of the Central Valley Hydrology Study, a comprehensive assessment of stream flor and San Joaquin river basins. The goal of the study is to estimate peak flows and hydrographs for throughout the Central Valley.
	DWR will sponsor regional flood management planning efforts which will develop regional plans that present stakeholder perspectives of flood management priorities for each region, the results of which will be coordinated between regions and integrated into or consistent with the basin-wide plans. Regional planning should create a role for all interested stakeholders including representatives from agricultural, city and county, conservation, environmental, landowner, and water supply interests as well as the flood control agencies and organizations.	

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rivers, a phenominum correlates well with historical ill help to bridge the gaps of current understanding in ed the promising new methodology developed in ies on the physical vulnerability of the Sacramento River assist in formulating the future conditions for the BWFS; purposes. DWR has provided a briefing in July 2013 on

brojection; the results became available in June 2012 Washington: Past, Present, and Future." Based on the used for flood system hydraulic studies, which DWR is Evaluationa and Delineation Program.

B/USACE cost shared flood control projects in the torage space for flood management. The current active oject is on the near horizon and DWR is entering the DWR is actively participating in the update of the ice. DWR is analyzing and developing operational is ongoing under the direction of the USACE. DWR ey that could affect the CVFPP, as they become berations is ongoing as is development of the San and will continue to be, included as an objective in multi-

evel of Flood Protection (ULOP) Criteria in April 2012. and floodwalls are used for providing urban level of 1965 of 2012 amend the original Senate Bill 5 of 2007 to the frames included in the original legislation. In addition, rom the Sacramento and San Joaquin river systems due the draft information maps in June 2013 and made th cities and counties on map review and potential

s group process to refine the Urban Level of Flood ants from cities and counties, planning professionals, ments are in progress. As a separate effort, DWR also when updating their General Plan per legislation

Study (CVIFMS) consistent with USACE planning and placed on the Board's consent calendar in July. as made to the Board at the 7/12/2013 meeting). DWR easibility studies. DWR and USACE have partnered in flow frequencies and magnitudes in the Sacramento for various probabilities to describe flood hazards

and are actively engaging with local stakeholders and gement to date has been through informal small ee. Integration of the regional and systemwide planning where collaboration and information sharing have r planning process steps.

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11(y)	For those deliverables and processes set forth in items (a) through (x) above, it is understood that DWR shall provide quarterly reports to the Board regarding schedules and progress.	This report provides an update on information regarding schedules and progress related to SSIA presented in DWR's montly reports to the Board and in project specific briefings made to the Board and appended to DWR's montly report to the Board.

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SIA implementation and is a summary of information oard. In the future, this report will be updated monthly