

PERFORMANCE MEASURES FROM FINAL STAFF DRAFT DELTA PLAN, MAY 14, 2012

Chapter 2: The Delta Plan
(Note: Appendix C of the May 14 Final Staff Draft contained all administrative performance measures. All performance measures associated with Chapter 2 are administrative.)
Administrative Performance Measures
1. Establishment of the Delta Plan Interagency Implementation Committee by January 31, 2013.
2. Completion of Report on Revisions to Delta Plan Performance Measures by December 31, 2014.
3. The initial Delta Plan and all future revisions and amendments to the Delta Plan by the Council are consistent with an adaptive management approach and are informed by the best available science.
4. Every 5 years (beginning 5 years after adoption of the Delta Plan), the Delta Plan is reviewed by the Council and revised if deemed appropriate.
5. Governance structure is reviewed and revised (if necessary) to ensure that there is adequate institutional capacity to interact, learn, and adapt in a manner that supports adaptive management.
6. The Delta Science Program develops a Delta Science Plan including responding to Delta Independent Science Board review and comments by December 31, 2013 (G R1)
Output Performance Measures
7. No output performance measures are associated with Chapter 2.
Outcome Performance Measures
8. No outcome performance measures are associated with Chapter 2.
Chapter 3: A More Reliable Water Supply for California
Administrative Performance Measures
1. Identify number of proposed actions that (1) complete the certification and (2) provide information on how they are reducing reliance on the Delta and adequately contributing to improved regional self-reliance through a significant reduction in net water use or in the percentage of water used from the Delta watershed. (WR P1)
2. Identify number of urban and agricultural water suppliers that certify that they have adopted and are implementing supply planning, conservation, and efficiency measures required by State law by 2015, meeting the standards and deadlines established by code. (WR R1)
3. DWR adopts and implements a requirement for SWP contracts and transfer agreements that requires implementation of State water efficiency, water management laws, goals and regulations including compliance with water code section 85021 (WR R2).
4. SWRCB adopts a policy that requires evaluation of new water rights or a new or changed point of diversion, place of use, or purpose that result in a new or increased long-term average use of water from the Delta watershed for consistency with reasonable and beneficial use and water code sections 85021, 85023, 85031 and other provisions of California law. (WR R3)
5. Identify percentage of urban and agricultural water suppliers that receive water from the Delta watershed that have incorporated an expanded Water Supply Reliability Element in their UWMP and AWMP by December 31, 2015. (WR R4)
6. DWR has developed and published guidelines for the preparation of an expanded Water Supply Reliability Element by December 31, 2014. (WR R5)
7. DWR and SWRCB have established an advisory group and identified impediments to achievement of statewide water conservation, recycled water and stormwater goals by 2014 and have evaluated and recommended update goals by 2018, including an assessment of how region's are achieving their proportional share of these goals. (WR R6)
8. State grant and loan ranking criteria have been revised by December 31, 2013. (WR R7)
9. State agencies report to DSC on an annual basis on their actions to demonstrate state leadership, to increase water efficiency, use recycled water, and incorporate stormwater runoff capture and low impact development strategies. (WR R8)

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10. Completion by DWR of the update of Bulletin 118 information (using field data, CASGEM, and best available science) and identification of the state's groundwater basins which are in a critical condition of overdraft by December 31, 2014. (WR R9)
11. Number of water suppliers in areas that receive water from the Delta watershed that have developed groundwater management plans that are consistent with the required and recommended components of groundwater management plans listed in DWR Bulletin 118-03 by 2014. We can work with DWR staff to identify (1) areas that receive water from the Delta watershed, how many have plans on file and (3) how detailed the plans are. (WR R10)
12. Identify number of groundwater basins identified by DWR as being in a critical condition of overdraft that have groundwater management plans consistent with the required and recommended components of groundwater management plans listed in DWR Bulletin 118-03 by 2014. SWRCB report to DSC on proposed action to address groundwater basins in critical overdraft. (WR R11)
13. BDCP is completed and DWR and the Bureau of Reclamation have received required take permits by December 31, 2014. (WR R12)
14. DWR completes Surface Water Storages studies by December 31, 2012 with recommendations for projects to be implemented. (WR R13)
15. DWR has completed a survey of past grant applicants to identify projects that may implemented within the next 5 to 10 years to expand existing surface and groundwater storage facilities, create new storage, improve Delta conveyance facilities, and improve opportunities for water transfers by December 31, 2012. California Water Commission holds hearings and provides recommendation on priority projects by December 31, 2013. (WR R14)
16. DWR and SWRCB have established an advisory group and identified measures to reduce procedural and administrative impediments to water transfers by 2014. (WR R15)
17. DWR and Bureau of Reclamation contracting process has been implemented consistent with applicable policies. (WR P2)
18. SWRCB has modified its supplemental water diversion and use or progress reports to require additional information on water efficiency, water supply projects, and net (consumptive) use. (WR R16)
19. DWR has completed the development and initiated implementation of an integrated statewide system for water use reporting in coordination with other state agencies by 2014. (WR R17)
20. DWR has modified the California Water Plan update to include specified categories of information to be tracked. Development of appropriate performance measures will be done by DSC in consultation with the agencies. These performance measures will be rolled into the California Water Plan Update. (WR R18)
Output Performance Measures
21. Water suppliers that receive water from the Delta watershed have documented achievements of net reductions in volume of water used from Delta or expansion of local supplies relative to Delta water use. (WR R4)
22. Progress in achieving existing water conservation, water efficiency, and water supply performance goals and setting expanded future goals for local, regional, and statewide water conservation, water use efficiency, and water supply development. (WR R6)
23. Information in updated Bulletin 118 is included in the next California Water Plan Update in the 2015 Urban Water Management Plans and Agricultural Water Management Plans.(WR R9)
Outcome Performance Measures
24. Progress toward increasing local and regional water supplies, measured by the amount of additional supplies made available (reported in 5-year increments from 2000). (WR P1)
25. Progress toward meeting the California's conservation goal of achieving a 10 percent reduction in statewide urban per capita water usage by 2015 and a 20 percent reduction in statewide urban per capita water usage by 2020. (WR R1)
26. Progress toward achieving California's goal for the increased use of recycled water over 2002 levels by at least 1 MAF per year by 2020 and by at least 2 MAF per year by 2030. (WR R1)
27. Progress in each hydrologic region in reducing actual or projected reliance on Delta water supplies (reported in 5-year increments from 2000). (WR R4)
28. Progress toward achieving California's goal for the increased use of stormwater runoff of at least 500,000 acre-feet per year by 2020 and by at least 1 MAF per year by 2030.(WR R6)

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Chapter 4: Protect, Restore, and Enhance the Delta Ecosystem	
Administrative Performance Measures	
1.	<p>The SWRCB adopts Delta flow objectives that are necessary to achieve the coequal goals by June 2, 2014.</p> <p>The SWRCB adopts flow objectives that are necessary to achieve the coequal goals for the major tributary rivers to the Delta by June 2, 2018.</p> <p>Prior to the establishment of revised flow objectives identified above, 100% of proposed actions that would affect flow in the Delta are consistent with the existing Bay Delta Water Quality Control Plan objectives. (ER P1)</p>
2.	<p>100% of proposed actions that include habitat restoration in the Delta are consistent with the elevation map attached as Figure 4-3, and accompanying text shown in Appendix D, based on the Conservation Strategy for Restoration of the Sacramento-San Joaquin Delta Ecological Management Zone and the Sacramento and San Joaquin Valley Regions (DFG 2011), with minor alterations OR if not consistent, sufficient scientific rationale for habitat restoration at alternative elevations has been provided. (ER P2)</p>
3.	<p>100% of all proposed actions other than habitat restoration have clearly demonstrated that adverse impacts to the opportunity for habitat restoration at the elevations shown in the elevation map were avoided or fully mitigated. (ER P3)</p>
4.	<p>BDCP implementers, DFG, DWR, and/or the Delta Conservancy identify number of projects and amount of funding for priority habitat restoration projects.</p> <p>100% of proposed habitat restoration projects are within the five priority areas and consider landscape elements and improvement to water quality.</p> <p>100% of proposed habitat restoration projects coordinate with local vector control districts. (ER R1)</p>
5.	<p>The Delta Conservancy develops and adopts criteria for prioritization and integration of large-scale ecosystem restoration in the Delta and Suisun Marsh, with sustainability and use of best available science as foundational principles.</p> <p>The Delta Conservancy develops and adopts processes for ownership and long-term operations and management of land in the Delta and Suisun Marsh acquired for conservation or restoration.</p> <p>The Delta Conservancy develops and adopts a formal mutual agreement with the Department of Water Resources, Department of Fish and Game, federal interests, and other State and local agencies on implementation of ecosystem restoration in the Delta and Suisun Marsh.</p> <p>The Delta Conservancy develops a plan and protocol for acquiring the land necessary to achieve ecosystem restoration consistent with the coequal goals and the Ecosystem Restoration Program's Delta Conservation Strategy.</p> <p>The Delta Conservancy leads an effort to investigate how to better use habitat credit agreements.</p> <p>The Delta Conservancy, in conjunction with CDFG and USFWS, develop rules for voluntary Safe Harbor Agreements with property owners in the Delta. (ER R2)</p>
6.	<p>The U.S. Army Corps of Engineers develops an agreed-upon variance process to exempt Delta levees from the U.S. Army Corps of Engineers' levee vegetation policy where appropriate. (ER R3)</p>
7.	<p>BCDC updates the Suisun Marsh Protection Plan to address adaptation to sea-level rise and ensure consistency with the Suisun Marsh Preservation Act, the Delta Reform Act and the Delta Plan.</p> <p>BCDC submits amendments of the Suisun Marsh Protection Plan to the Council for review for consistency.</p> <p>BCDC submits amendments of components of the Suisun Marsh Local Protection Program to the Council for review for consistency.</p> <p>BCDC adopts the updated Suisun Marsh Protection Plan and the Suisun Marsh Local Protection Program. (ER R4)</p>
8.	<p>100% of all proposed actions that have the reasonable probability of introducing, or improving the habitat conditions for, nonnative invasive species have demonstrated that the potential for new introductions of and/or improved habitat conditions for nonnative invasive species have been fully considered and avoided or mitigated in a way that appropriately protects the ecosystem. (ER R5)</p>
9.	<p>100% of proposed actions to construct new levees or substantially rehabilitate or reconstruct existing levees demonstrate that they have evaluated alternatives (including use of setback levees), and where feasible, have incorporated such alternatives into levee projects to increase the extent of floodplain and riparian habitat. (ER P4)</p>

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10. The Department of Fish and Game and other appropriate agencies prioritize the list of "Stage 2 Actions for Nonnative Invasive Species". (ER R6)
11. Hatcheries develop scientifically sound Hatchery and Genetic Management Plans (HGMPs). The Department of Fish and Game provides annual updates to the Council on the status of HGMPs within its jurisdiction. (ER R7)
12. The Department of Fish and Game, in cooperation with the Fish and Wildlife Service and the National Marine Fisheries Service develop a plan for marking and tagging hatchery salmon and steelhead to improve management of hatchery and wild stocks by December 2014. (ER R8)
Output Performance Measures
13. The SWRCB implements Delta flow objectives by June 2, 2014. (ER P1)
14. The SWRCB implements flow objectives for the major tributaries by 2018 (or soon as reasonably possible). (ER P1)
15. Pilot-scale Delta habitat restoration projects are developed and initiated in the priority areas described in ER R1 by 2015. These projects include tidal brackish and freshwater marsh as well as floodplain restoration and have clear adaptive management plans aimed at improving outcomes and providing lessons for the development of large-scale restoration projects. Metrics: acres restored by habitat type, and lessons learned. (ER R1)
16. The DFG and other appropriate agencies fully implement the list of "Stage 2 Actions for Nonnative Invasive Species." (ER R6)
Outcome Performance Measures
17. Progress toward restoring in-Delta flows to more natural functional flow patterns to support a healthy estuary. Metrics: results from hydrological monitoring and hydrodynamic modeling. (ER P1)
18. Progress toward achieving the State and federal "doubling goal" for wild Central Valley salmonids relative to 1995 levels. Trends will be derived from long-term salmonid monitoring surveys conducted by the NMFS, USFWS, and others. (ER R1)
19. Progress toward the documented occurrence and use of protected and restored habitats and migratory corridors by native resident and migratory Delta species. Trends in occurrence, use, and performance of native species in protected and restored habitats and corridors will be upward over the next decade. These trends will be derived from animal and plant monitoring surveys that are conducted as part of adaptive management strategies for the protection and restoration of these areas. (ER R1)
20. Progress toward decreasing annual trends in both the number of new and existing aquatic and terrestrial nonnative species and the abundance and distribution of existing aquatic and terrestrial nonnative species in the Delta over the next decade. These trends will be derived from long-term animal and plant monitoring surveys conducted by the Interagency Ecological Program agencies, the California Department of Boating and Waterways, the U.S. Department of Agriculture, the San Francisco Estuary Institute, and others. (ER P5)
Chapter 5: Protect and Enhance the Unique Cultural, Recreational, Natural Resources, and Agricultural Values of the California Delta as an Evolving Place
Administrative Performance Measures
1. Delta Protection Commission completes application for designation of the Delta and Suisun Marsh as a National Heritage Area. (DP R1)
2. The California Department of Transportation prepares a scenic byway plan and pursues National Scenic Byway status for Route 160 by January 1, 2014. (DP R2)
3. 100% of proposed actions for urban development are limited to areas that current city or county general plans designate for development in cities, their spheres of influence, or Legacy Communities. (DP P1)
4. 100% of proposed actions for water management facilities, ecosystem restoration and flood management infrastructure are sited to avoid or reduce conflicts with existing or planned uses when feasible. (DP P2)
5. Local governments prepare plans for each community that emphasize its distinctive character, encourage historic preservation, identify opportunities to encourage tourism, serve surrounding lands, or develop other appropriate uses, and reduce flood risks. (DP R3)

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6.	Agencies acquiring land for water management facilities, ecosystem restoration, and flood management infrastructure purchase from willing sellers, when feasible, including consideration of whether lands suitable for proposed projects are available at fair prices. (DP R4)
7.	The California Department of Transportation, local agencies, and utilities develop plans for infrastructure, such as roads and highways, to meet needs of development consistent with sustainable community strategies, local plans, Delta Protection Commission's Land Use and Resource Management Plan, and the Delta Plan. (DP R5)
8.	As part of the prioritization of State levee investments called for in RR P4, the Delta Stewardship Council consults with the California Department of Transportation as provided in Water Code section 85307(c) to consider the effects of flood hazards and sea level rise on state highways in the Delta. (DP R6)
9.	The Council, in conjunction with the California Air Resources Board (CARB) and the Delta Conservancy, investigates the opportunity for the development of a carbon market whereby Delta farmers could receive credit for growing native marsh and wetland plants. By January 1, 2013, the Department of Water Resources has developed a plan, including funding needs, for increasing the extent of their subsidence reversal and carbon sequestration projects to 5,000 acres by January 1, 2017. 100% of State agencies have not renewed or entered into agricultural leases on Delta or Suisun Marsh islands if the actions of the lessee promote or contribute to subsidence on the leased land, unless the lessee participates in subsidence reversal or reduction programs. (DP R7)
10.	Local governments and economic development organizations take steps to encourage value-added processing of Delta crops in appropriate locations. (DP R8)
11.	Local governments and economic development organizations take steps to support growth in agritourism, particularly in and around Legacy Communities. (DP R9)
12.	The Department of Fish and Game, the Delta Conservancy, and ecosystem restoration agencies take steps to encourage habitat enhancement and wildlife-friendly farming systems on agricultural lands to benefit both the environment and agriculture. (DP R10)
13.	Water management and ecosystem restoration agencies provide recreation opportunities, including visitor-serving business opportunities, at new facilities and habitat areas whenever feasible, and protect existing recreation facilities using California State Parks' Recreation Proposal for the Sacramento-San Joaquin Delta and Suisun Marsh and Delta Protection Commission's Economic Sustainability Plan as guides. (DP R11)
14.	The Delta Protection Commission and Delta Conservancy take steps to encourage partnerships between other state and local agencies, and local landowners and business people to expand recreation, including boating, promote tourism, and minimize adverse impacts to non-recreational landowners. (DP R12)
15.	The Department of Fish and Game, in cooperation with other public agencies, should collaborate with nonprofits, private landowners, and business partners to expand wildlife viewing, angling, and hunting opportunities. (DP R14)
16.	Dedicated funding sources are identified to add or improve recreation facilities in the Delta. (DP R13)
17.	The Department of Fish and Game, in cooperation with other public agencies, should collaborate with nonprofits, private landowners, and business partners to expand wildlife viewing, angling, and hunting opportunities. (DP R14)
18.	The Department of Boating and Waterways coordinates with the U.S. Coast Guard and State and local agencies on an updated marine patrol strategy for the region. (DP R15)
19.	Public agencies owning land increase opportunities, where feasible, for bank fishing, hunting, levee top trails, and environmental education. (DP R16)
20.	Cities, counties, and other local and state agencies work together to protect and enhance visitor serving businesses by planning for recreation uses and facilities in the Delta, providing infrastructure to support recreation and tourism, and identifying settings for private visitor-serving development and services. (DP R17)
21.	The ports of Stockton and West Sacramento encourage maintenance and carefully designed and sited development of port facilities. (DP R18)
22.	The Energy Commission and Public Utilities Commission cooperate with the Delta Stewardship Council as described in Water Code section 85307(d) and identify actions that should be incorporated in the Delta Plan to address the needs of Delta energy development, storage, and distribution by 2017. (DP R19)

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Output Performance Measures
23. Congress designates the Delta and Suisun Marsh as a National Heritage Area by January 1, 2014. (DP R1)
24. Water management, ecosystem restoration, and flood management projects minimize conflicts with adjoining uses by including adequate mitigation measures to avoid adverse effects. (DP P2)
25. Recreation facilities are included in new ecosystem restoration projects. (DP R9)
26. The Department of Water Resources and others increase the extent of their subsidence reversal and carbon sequestration projects to 5,000 acres by January 1, 2017. (DP R7)
Outcome Performance Measures
27. No rural farmland is lost to urban development. (DP P1)
28. Progress toward protecting the Delta Legacy Communities, as indicated by renovation of historic structures, floodproofing, and other reductions in flood hazards, and maintenance or growth of small businesses and population. (DP R3)
29. Increasing tonnage of cargo and the number of jobs at the Ports of Stockton and West Sacramento. (DP R16)
Chapter 6: Improve Water Quality to Protect Human Health and the Environment
Administrative Performance Measures
1. 100% of covered actions that affect water quality in the Delta identify any significant negative water quality impacts. (WQ R2)
2. SWRCB and RWQCBs evaluate and include appropriate protections in any applicable water quality control plan. (WQ R3)
3. Central Valley RWQCB completes the Central Valley Drinking Water Policy by July 2013. (WQ R4)
4. The Department of Water Resources completes the North Bay Aqueduct Alternate Intake Project EIR by July 1, 2012. (WQ R5)
5. SWRCB completes development of a Strategic Workplan for protection of groundwater beneficial uses by December 31, 2012. (WQ R6)
6. Central Valley RWQCB and SWRCB adopt policies and regulations necessary to require all relevant water users that are supplied water from the Delta or the Delta Watershed or discharge wastewater to the Delta or the Delta Watershed to participation in CV-SALTS. (WQ R7)
7. SWRCB develops a proposed policy for nutrients for Inland Surface Waters of the State of CA by January 1, 2014. SWRCB and RWQCBs begin implementation of a study plan for the development of objectives for nutrients in the Delta and Suisun Marsh by January 1, 2013, and complete studies by January 1, 2016. SWRCB and RWQCBs adopt objectives for nutrients in the Delta by January 1, 2018. TMDLs and Basin Plan Amendments for diazinon and chlorpyrifos are completed by January 1, 2013. The Central Valley Pesticide TMDL is completed by January 1, 2016. SWRCB and RWQCBs complete TMDLs and Basin Plan Amendments for methylmercury. The Central Valley Regional Water Quality Control Board review the methyl mercury control studies by December 31, 2018 and determine control measures for implementation starting in 2020. The State Water Resources Control Board and the Central Valley Regional Water Quality Control Board complete the Phase 2 control plan for the Total Maximum Daily Load and Basin Plan Amendment for dissolved oxygen in the Stockton Ship Channel by January 1, 2015. The State Water Resources Control Board and the San Francisco Bay Regional Water Quality Control Board complete the Total Maximum Daily Load and Basin Plan Amendment for dissolved oxygen in Suisun Marsh Wetlands by January 1, 2013. (WQ R8)
8. A Delta regional water quality monitoring program is developed. (WQ R9)
9. The Central Valley Regional Water Quality Control Board requires responsible entities that discharge wastewater treatment plant effluent or urban runoff to Delta waters to evaluate whether all or a portion of the discharge can be recycled, otherwise used, or treated in order to reduce contaminant loads to the Delta by January 1, 2014. (WQ R10)

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Output Performance Measures
10. DWR begins constructing the North Bay Aqueduct Alternate Intake Project as soon as possible after the EIR is completed. (WQ R2)
11. Progress toward reducing concentrations of inorganic nutrients (ammonium, nitrate, and phosphate) in Delta waters over the next decade. (WQ R5)
12. TMDLs for critical pesticides (for example, diazinon, chlorpyrifos, and pyrethroids) in the waters and sediments of the Delta are met by 2020. (WQ R5)
13. Progress toward identification of contaminants of emerging concern in the Delta and development of appropriate source control strategies. (WQ R5)
14. A Delta regional water quality monitoring program is implemented within the first 5 years of the Delta Plan. (WQ R6)
Outcome Performance Measures
15. Water quality in the Delta meets objectives established in the applicable water quality control plan. (WQ R1)
16. Trends in measureable toxicity from pesticides and other pollutants in Delta waters will be downward over the next decade. (WQ R5)
17. Progress toward consistently meeting applicable dissolved oxygen standards in the Delta by 2020. (WQ R5)
18. Harmful algal blooms (HABs) will lessen in severity and spatial coverage in the Delta over the next decade. (WQ R5)
19. The spatial distribution and productivity of nuisance nonnative aquatic plants will decline over the next decade. (WQ R5)
Chapter 7: Reduce Risk to People, Property, and State Interests in the Delta
Administrative Performance Measures
1. Responsible local, State, and federal agencies with emergency response authority consider the recommendations of the Delta Multi-Hazard Coordination Task Force (Water Code section 12994.5) by January 1, 2014. The Department of Water Resources evaluates the potential of creating stored material sites by “overreinforcing” west Delta levees by January 1, 2014. Local levee maintaining agencies consider developing their own emergency action plans, and stockpiling rock and flood fighting materials by January 1, 2014. State and local agencies and regulated utilities that own and/or operate infrastructure in the Delta prepare coordinated emergency response plans to protect the infrastructure from long-term outages resulting from failures of the Delta levees by January 1, 2014.
2. The Legislature creates a Delta Flood Risk Management Assessment District with fee assessment authority. (RR R2)
3. The Delta Stewardship Council facilitates development of a Delta levee investment prioritization framework by January 1, 2015. (RR P1)
4. 100% of proposed actions that involve new residential developments of five or more parcels outside of defined urban and urbanizing areas and those portions of Legacy Communities planned for development provide for a minimum 200-year level of flood protection. (RR P2)
5. 100% of proposed actions that encroach upon a floodway mitigate for future flood flows. (RR P3)
6. 100% of proposed actions that encroach upon the floodplains identified in RR P4 mitigate for future flood flows. (RR P4)
7. The Department of Water Resources and the Central Valley Flood Protection Board evaluate a bypass and floodways on the San Joaquin River near Paradise Cut. (RR R4)
8. Current efforts to maintain navigable waters in the Sacramento River Deep Water Ship Channel and Stockton Deep Water Ship Channel, led by the U.S. Army Corps of Engineers and described in the Delta Dredged Sediment Long-Term Management Strategy (USACE 2007, Appendix G), are continued in a manner that supports the Delta Plan and the coequal goals. Appropriate dredging throughout other areas in the Delta for maintenance purposes, or that would increase flood conveyance and provide potential material for levee maintenance or subsidence reversal is implemented in a manner that supports the Delta Plan and coequal goals. (RR R5)

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9. The Central Valley Flood Protection Board evaluates whether additional areas both within and upstream of the Delta should be designated as floodways. (RR R6)
10. DWR develops criteria to define locations for future setback levees in the Delta and Delta watershed. (RR R7)
11. The Legislature requires an adequate level of flood insurance for residences, businesses, and industries in flood-prone areas. (RR R8)
12. The Legislature considers making changes to State law that would give State agencies the same level of immunity with regard to flood liability as federal agencies have under federal law. (RR R9)
Output Performance Measures
13. New residential development provides 200-year flood protection. (RR P2)
14. Acreage of Delta land and number of reclamation districts with levees below HMP is reduced. (RR P1)
15. Freshwater aqueducts passing through the Delta and the primary freshwater channel pathways through the Delta are protected by levees that provide adequate protection against floods and other risks of failure. (RR P1)
16. Responsible local, State, and federal agencies with emergency response authority implement the recommendations of the Delta Multi-Hazard Coordination Task Force (Water Code section 12994.5). (RR R4)
17. DWR and the Central Valley Flood Protection Board implement a bypass and floodways on the San Joaquin River near Paradise Cut. (RR R4)
Outcome Performance Measures
18. No lives are lost in the Delta as a result of flood emergencies and economic damages associated with Delta flood emergencies decrease. (RR R1)
19. Emergency response and recovery costs are eligible for FEMA reimbursement. (RR P1)
20. Water deliveries to East Bay Municipal Utilities District, Contra Costa Water District, the CVP, and the SWP are not interrupted by floods or earthquakes. (RR P1)