

DELTA STEWARDSHIP COUNCIL
DELTA PLAN PERFORMANCE MEASURES

Public Workshop: November 9, 2015

Chapter 3 - Performance Measures
Draft Refinement Recommendations

Delta Plan Performance Measures – Draft Staff Recommendations

Chapter 3 - Goal: A More Reliable Water Supply for California

Strategies:

1. Increase water conservation and expand local and regional supplies
2. Improve groundwater management
3. Improve conveyance and expand storage
4. Improve water management information

Ref. #	Type	Policy or Rec.	Short Title	Current Delta Plan Wording	Recommended Revised Wording or Classification (in bold)
Strategy 1: Increase water conservation and expand local and regional supplies					
3.25	Outcome	WR R1	Percentage change in urban per capita water use.	Progress toward meeting California's conservation goal of achieving a 10% reduction in statewide urban per capita water usage by 2015 and a 20% reduction by 2020.	Progress toward meeting California's conservation goal of achieving a 10% reduction in statewide urban per capita water usage by 2015 and a 20% reduction by 2020. Metrics: <ul style="list-style-type: none"> • Gallons per capita per day of urban water use. • Percentage change in urban per capita water use from SB X7-7 baseline years.
3.26	Outcome	WR R6	Increase storm water use	Progress toward achieving California's goal for the increased use of storm water runoff of at least 500,000 AF/year by 2020 and by at least 1 MAF/year by 2030.	Progress toward achieving California's goal for the increased use of storm water runoff of at least 500,000 AF/year by 2020 and by at least 1 MAF/year by 2030. Metric: Acre-feet per year of storm water use.
3.27	Outcome	WR P1	Increase local and regional supplies	Progress toward increasing local and regional water supplies, measured by the amount of additional supplies made available (reported in 5-year increments from 2000).	Progress toward increasing local and regional water supplies, measured by the amount of additional supplies made available (reported in 5-year increments from 2000). Metrics: <ul style="list-style-type: none"> • Acre-feet per year of water use from local sources. • Acre-feet per year of capacity/safe yield/right of each source. • Acre-feet per year of projected use of local sources of supply.

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3.28	Output	WR R1 WR R4	Measurable reduction in reliance on the Delta	Water suppliers that receive water from the Delta watershed have documented the expected outcome for a measureable reduction in reliance on the Delta and improvement in regional self-reliance.	Water suppliers that receive water from the Delta watershed have documented the expected outcome for a measureable reduction in reliance on the Delta and improvement in regional self-reliance. Metric: Percent of total water used originating in the Delta watershed.
3.31	Output	WR R6	Meeting and setting goals	Progress made in achieving existing water conservation and water supply performance goals, and setting expanded future goals for local, regional, and statewide water conservation, water use efficiency, and water supply development.	REMOVED
3.34	Output	WR R1	Agricultural water use efficiency	N/A: new measure	Agricultural water use efficiency. Metrics (defined by DWR in Methodology for Quantifying the Efficiency of Agricultural Water Use, 2012): <ul style="list-style-type: none"> • Total water use fraction. • Water Management Fraction. • Value of applied water.
Strategy 2: Improve groundwater management					
3.32	Output	WR R9	Groundwater management planning	Information in updated Bulletin 118 is included in the next (2013) California Water Plan Update and in the 2015 UWMPs and AWMPs.	Administrative Measure: Information in updated Bulletin 118 is included in the next (2018) California Water Plan Update and in the 2020 UWMPs and AWMPs.
3.33	Outcome	WR R11	Groundwater trends	N/A: new measure	Groundwater trends. Metrics: <ul style="list-style-type: none"> • Groundwater elevations. • Change in groundwater in storage by hydrologic region.

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Strategy 3: Improve conveyance and expand storage					
3.29	Outcome	WR R12 ER P1 RR P1	Improve export reliability	Progress toward improved reliability of Delta water exports and reductions in the vulnerability of Delta exports to disruption.	Progress toward improved reliability of Delta water exports and reductions in the vulnerability of Delta exports to disruption. Metrics: <ul style="list-style-type: none"> • Volume of CVP/SWP water requested, allocated, and delivered each year. • MAF of water stored in CVP/SWP reservoirs at end of water year.
3.30	Outcome	WR R12 WR R14	Increase delivery predictability	Progress toward increasing the predictability of water deliveries from the Delta in a variety of water year types.	Progress toward increasing the predictability of water deliveries from the Delta in a variety of water year types. Metric: Delivery probability modeled by CalSim.
Strategy 4: Improve water management information					
3.35	Administrative	WR R17	WR R17-01	California Department of Water Resources has completed the development and initiated implementation of an integrated statewide system for water use reporting in coordination with other State agencies by 2014.	California Department of Water Resources has completed the development and initiated implementation of an integrated statewide system for water use reporting in coordination with other State agencies by 2014.