

**WATER WORK GROUP (WWG)**

Lead Organization: California Water Institute, California State University, Fresno

ACTIONS	STATUS	2009 - 2ND QUARTER REPORT
<b>OVERALL WORK GROUP STAFFING REQUIREMENTS</b>		
Plan, organize and manage all work group meetings; maintain work group records and minutes; maintain Water portion of Partnership web site; provide monthly and quarterly reports.	O N G O I N G	Water Policy Working Group meetings hosted as called by Partnership Deputy Co-Chair Fritz Grupe, Water Work Group Convener Ray Watson and Partnership Board Member Gene Voiland. Documents have been developed to support actions.
<b>Goal 1: Develop and implement an integrated San Joaquin Valley Regional Water Plan.</b>	<input checked="" type="checkbox"/>	San Joaquin Valley Water Plan Framework developed and presented at June 12, 2009, Board Meeting.
<b>Objective A: Develop San Joaquin Valley Regional Water Plan (management, technical and administrative support for plan development).</b>		
Quarterly meetings for Regional Water Plan Leadership and respective Work Groups.		Meetings staffed as called by Convener and Co-Chair.
Converge plan development efforts with other local, state and federal allied agencies. DWR, SWRCB, Corps, Bureau and others.		Convergence liaison efforts with federal/state/local water agencies regularly effected.
<b>Goal 2: Incorporate major levee enhancements in San Joaquin Valley river and tributary system and the Sacramento –San Joaquin Delta to safeguard regional water quality and quantity and provide for flood control.</b>	<input type="checkbox"/>	IP Delta Vision and Bay Delta Conservation Plan moving forward. California Water Institute effects regular liaison in a support role to advance efforts.
<b>Objective A: Significantly improve San Joaquin, Merced, Kings, Kaweah, Tule and Kern Rivers’ and tributaries’ and other Valley drainage systems’ levee integrity to assist communities in meeting 100 year plus flood protection standards and FEMA levee certification standards.</b>		
Quarterly liaison meetings with major San Joaquin Valley flood protection agencies, DWR & Corps.		IP Department of Water Resources Flood-Safe California efforts are proceeding forward. San Joaquin Valley is a key component in the efforts. California Water Institute is in a support role.
<b>Objective B: Significantly improve Sacramento-San Joaquin Delta levee system integrity.</b>		
Quarterly liaison meetings with Delta interests to insure progress on improving levee system integrity.		IP Delta Vision and Bay Delta Conservation Plan are addressing issues as part of overall plan. A component of ongoing north-south San Joaquin Valley water dialogue
<b>Goal 3: Augment surface, groundwater banking and recycled water projects in the San Joaquin Valley.</b>	<input type="checkbox"/>	IP California Water Institute maintains regular liaison with major groundwater recharge agencies in the San Joaquin Valley.

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<b>Objective A: Complete the Upper San Joaquin Basin Project.</b>		IP	
Quarterly liaison meetings with DWR, Bureau, DFG & project proponents on progress of San Joaquin Basin project.			California Water Institute actively tracks the Upper San Joaquin Basin Project but is not a direct participant.
<b>Objective B: Actively support and promote six conjunctive-use projects that can be commissioned or enhanced by 2017.</b>		IP	
Bi-annual liaison meetings with conjunctive use project proponents and agencies on progress.		IP	California Water Institute maintains regular liaison with major groundwater recharge agencies in the San Joaquin Valley.
<b>Objective C: Develop recycled and inland brackish water projects.</b>		IP	
Bi-annual liaison meetings with project proponents and DWR on progress.		IP	Working with California Department of Water Resources, U.S. Bureau of Reclamation, Westlands and Red Rock Ranch on Integrated on-Farm Drainage Management project.
<b>Goal 4: Improve water quality and expand salinity management infrastructure development.</b>	<input type="checkbox"/>	IP	
<b>Objective A: Develop a Salinity Management Plan to be implemented as an update to the San Joaquin and Tulare Lake Basin Plans.</b>			Actively engaged with the Central Valley-Salinity Alternatives for Long-Term Sustainability (CV-SALTS) Initiative by Central Valley Water Quality Control Board.
CWI will work proactively with agencies, Water Boards, and public to lay groundwork for development of a Salinity Management Commission.			
<b>Objective B: Ensure all communities in San Joaquin Valley have adequate sanitary sewage disposal facilities; proactively site, permit, finance, construct and commission five (5) regional wastewater treatment plants.</b>			Actively engaged with disadvantaged communities in central and southern San Joaquin Valley to obtain quality drinking water.
Quarterly liaison meetings with wastewater treatment agencies and project proponents to ensure progress.			
<b>Objective C: Ensure all communities in San Joaquin Valley provide water that meets state and federal drinking water standards.</b>			See Objective B above
<b>Goal 5: Promote riparian environmental restoration.</b>	<input type="checkbox"/>	IP	

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<p><b>Objective A: Develop San Joaquin valley ecosystem restoration plan. (Coordinate with Economic Development Work Group to advance tourism component of strategic Action Plan)</b></p>		<p>Tulare Basin Wildlife Partners delivered plans and projects for incorporation in Tulare Basin Integrated Regional Water Management Plan. Submitted projects to California Business, Transportation and Housing Agency in this quarter. San Joaquin River Basin proposals are being developed by Central Valley Joint Venture and The Nature Conservancy, possibly fourth quarter.</p>
<p>CWI will serve in a liaison role to work with local interests in the development of sustainable riparian corridor restoration plans throughout the San Joaquin Valley.</p>		
<p><b>Objective B.1: Restoration; San Joaquin River restoration.</b></p>	IP	
<p><b>Objective B.2: Water Management: San Joaquin River restoration.</b></p>		
<p>CWI will serve in a liaison and support role between the Partnership Water Work Group, the Board and restoration groups as the terms of the Settlement are worked out and implemented by NRDC and Friant Water Users Authority</p>		<p>California Water Institute has been retained to assist with implementation strategy of the San Joaquin River Restoration to insure channel improvements and landowner impacts are congruous not conflicting, improving success of restoration process, second quarter.</p>
<p><b>Goal 6: Expand agricultural and urban water-use and energy efficiency programs.</b></p>	<input type="checkbox"/>	IP
<p><b>Objective A: Cost-effective, results-oriented, agricultural water use and energy efficiency diagnostic, repair, retrofit and education programs.</b></p>		IP
<p>CWI will work with its sister entity, International Center for Water Technology at California State University Fresno, state agencies utilities and local energy partnerships to proactively forge the water-energy connection in agriculture, and with water agencies, in the implementation of California public policy.</p>		<p>Center for Irrigation Technology is funded by PG&amp;E &amp; Edison for Agriculture Pump Efficiency Program in IOU service areas. This is fourth funded program through 2011.</p>
<p><b>Objective B: Cost-effective, results-oriented, urban water use and energy efficiency diagnostic, repair, retrofit and education programs.</b></p>		
<p>CWI will work with ICWT and allied water-energy conservation specifically the California Urban Water Conservation Council CUWCC, to proactively forge the water-energy connection in urban water use and energy efficiency programs to steward these two valuable resources throughout the San Joaquin Valley.</p>		<p>Education is a major component of the UC Irvine Advanced Power and Energy Program and is delivered by two fully equipped 28 ft. Mobile Educational Centers throughout California.</p>

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<b>Challenges/Problems/Bottlenecks/Feedback encountered during the quarter</b>		California Department of Water Resources has many, many water-related planning efforts in the San Joaquin Valley area. That and three years of drought and water policy loggerheads in the Delta, make it very difficult to get the attention of people needed to solve major issues in a sustainable manner.
<b>New funds leveraged during the quarter.</b>		California Water Institute is budgeted for \$1 million from the San Joaquin Valley River Resoration funds to complete next stage of the San Joaquin Valley Water Plan Framework. Funds have NOT yet been appropriated but are programmed for fall 2009. Additonally, a \$34,000 service contract of a total \$150,000 from the U.S. Bureau of Reclamation has been received. The balance to be disbursed during 2009-2010 for the next 18 months