

WATER WORK GROUP (WWG)

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

ACTIONS	STATUS	2007-2009 - FINAL REPORT ACTIVITIES
OVERALL WORK GROUP STAFFING REQUIREMENTS		
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	California Water Institute expects to serve in a similar capacity for Phase II (Federal/State) of the San Joaquin Valley Regional Water Plan Framework, development period 2010-2011.
Goal 1: Develop and implement an integrated San Joaquin Valley Regional Water Plan.	<input checked="" type="checkbox"/>	California Water Institute is funded for Phase II of the San Joaquin Valley Regional Water Plan Framework. Federal/State/Partnership structure remains to be developed.
Objective A: Develop San Joaquin Valley Regional Water Plan (management, technical and administrative support for plan development).		
Quarterly meetings for Regional Water Plan Leadership and respective Work Groups.		
Converge plan development efforts with other local, state and federal allied agencies. DWR, SWRCB, Corps, Bureau and others.		
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.	<input type="checkbox"/>	IP Delta Vision and Bay Delta Conservation Plan are lead. California Water Institute is in a direct support role, as required, to advance outcomes.
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.		IP Department of Water Resources Flood-Safe California in lead. California Water Institute is in a direct support role as funds and staff allow.
Quarterly liaison meetings with major San Joaquin Valley flood protection agencies, DWR & Corps.		
Objective B: Significantly improve Sacramento-San Joaquin Delta levee system integrity.		IP Department of Water Resources Flood-Safe California in lead.
Quarterly liaison meetings with Delta interests to insure progress on improving levee system integrity.		
Goal 3: Augment surface, groundwater banking and recycled water projects in the San Joaquin Valley.	<input type="checkbox"/>	IP Department of Water Resources/U.S. Bureau of Reclamation local agencies are lead. California Water Institute is in a direct support role. This is a key activity for future San Joaquin Valley water policy improvement.
Objective A: Complete the Upper San Joaquin Basin Project.		

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Quarterly liaison meetings with DWR, Bureau, DFG & project proponents on progress of San Joaquin Basin project.			
Objective B: Actively support and promote six conjunctive-use projects that can be commissioned or enhanced by 2017.			
Bi-annual liaison meetings with conjunctive use project proponents and agencies on progress.			
Objective C: Develop recycled and inland brackish water projects.			
Bi-annual liaison meetings with project proponents and DWR on progress.			
Goal 4: Improve water quality and expand salinity management infrastructure development.	<input type="checkbox"/>	IP	California Water Institute directly involved with Central Valley-Salinity Alternatives for Long-Term Sustainability (CV-SALTS) Initiative is lead.
Objective A: Develop a Salinity Management Plan to be implemented as an update to the San Joaquin and Tulare Lake Basin Plans.			
CWI will work proactively with agencies, Water Boards, and public to lay groundwork for development of a Salinity Management Commission.			
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.		IP	California Water Institute advises Tulare Basin Rural Water Strategies Steering Committee, \$2 million of Prop 84 monies.
Quarterly liaison meetings with wastewater treatment agencies and project proponents to ensure progress.			
Objective C: Ensure all communities in San Joaquin Valley provide water that meets state and federal drinking water standards.			See Objective B above
Goal 5: Promote riparian environmental restoration.	<input type="checkbox"/>	IP	Partnership collaborators and cooperators include Tulare Basin Wildlife Partners, Central Valley Joint Venture, and The Nature Conservancy.

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<p>Objective A: Develop San Joaquin valley ecosystem restoration plan. (Coordinate with Economic Development Work Group to advance tourism component of strategic Action Plan)</p>	IP	<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>Objective B.1: Restoration; San Joaquin River restoration.</p>		
<p>Objective B.2: Water Management: San Joaquin River restoration.</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>Goal 6: Expand agricultural and urban water-use and energy efficiency programs.</p>	<input type="checkbox"/> IP	<p>Center for Irrigation Technology is lead.</p>
<p>Objective A: Cost-effective, results-oriented, agricultural water use and energy efficiency diagnostic, repair, retrofit and education programs.</p>	IP	<p>Center for Irrigation Technology in lead.</p>
<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&E & Edison for Agriculture Pump Efficiency Program in IOU service areas. This is fourth funded program through 2011.</p>
<p>Objective B: Cost-effective, results-oriented, urban water use and energy efficiency diagnostic, repair, retrofit and education programs.</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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Challenges/Problems/Bottlenecks/Feedback encountered during the quarter		Effective California Water Policy development may occur following resolution of the budget confusion in Sacramento. Pressures may be building for effective, sustainable solutions.
New funds leveraged during the quarter.		California Water Institute is budgeted for \$1 million from 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. Additionally, 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