



Reliable resources for the Valley

Regional Drinking Water Solutions

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Kings River Conservation District

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Kings Basin Water Authority Participation

MEMBERS (16)

Alta Irrigation District
City of Clovis
City of Dinuba
City of Fresno
City of Kerman
City of Parlier
City of Reedley
City of Sanger
City of Selma
County of Fresno
County of Tulare
Consolidated Irrigation District
Fresno Metro. Flood Control Dist.
Fresno Irrigation District
Kings County Water District
Kings River Conservation District

INTERESTED PARTIES (41)

Bakman Water Company
Biola Community Services District
California Native Plant Society, Sequoia Chapter
California State University, Fresno
City of Kingsburg
City of Orange Cove
City of San Joaquin
Community Water Center
County of Kings
Crescent Canal Company
Cutler Public Utilities District
East Orosi Community Services District
Easton Community Services District
El Rio Reyes Conservation Trust
Fresno County Farm Bureau
Hardwick Water Company
James Irrigation District
Kings River Conservancy
Kings River Water Association
Laguna Irrigation District
Lanare Community Services District
Laton Community Service District
Liberty Canal Company
Liberty Water District
London Community Services District
Malaga County Water District
Mid Valley Water District

Orange Cove Irrigation District
Orosi Public Utilities District
Raisin City Water District
Reed Ditch Company
Riverdale Irrigation District
Riverdale Public Utility District
Sanger Environmental Fund
Self-Help Enterprises
Sierra Club, Tehipite Chapter
Sierra Resource Conservation District
Sultana Community Services District
Terranova Ranch, Inc.
Tulare Basin Wildlife Partners
UC Cooperative Extension - Fresno

OTHER PARTICIPATION

CA Department of Fish & Wildlife
CA Department of Water Resources
Center for Collaborative Policy
Fresno Audubon Society
Kings River Fisheries Program
Regional Water Quality Control Board
Sierra Nevada Research Institute (UCM)
State Water Resources Control Board

IRWM Plan Goals

- Halt, and ultimately reverse, the current overdraft and provide for sustainable management of surface and groundwater
- Increase the water supply reliability, enhance operational flexibility, and reduce system constraints
- **Improve and protect water quality**
- Provide additional flood protection
- Protect and enhance aquatic ecosystems & wildlife habitat



Kings Basin IRWM DAC Project

- Inventoried over 100 DACS in the Kings Basin region
- Clarified for communities water-related issues impacting their communities
- Explored regional solutions and types of collaborations
- Provided practical solutions that can be leveraged into IRWMP process
 - 5 potential pilot projects identified

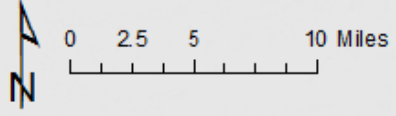
Pilot Projects

- Economy of Scale Analysis
- Community Survey
- Wastewater Improvements
- Water Supply Deficit
- Water Treatment Improvements



Successful Outcomes

- Comprehensive inventory of the region's DACs
- New relationships formed and created a sense of identity within most of the subregions
- Inter-community altruism in Western Fresno County subregion was facilitated – despite widespread water-related problems subregion communities agreed to promote and support the project with greatest need (Lanare wastewater/drinking water)
- Several new DACs joined as KBWA Interested Parties
- Orange Center School District sought and received a state pre-planning grant and is now on course to consolidate with City of Fresno



UKBIRWMA
(Covers Entire Planning Area)
Prop 84 R1 Planning (IRWMP Update)

City of Clovis
Surface Water Treatment Plant Expansion
Prop 84 R1

Kings River Conservancy
North Riverside Park
Prop 84 River Park ways

City of Fresno / FMFCD
Fancher Creek Improvement Project
Prop 1E R1 SWFMP

City of Fresno
Residential H2O Meter Project
Prop 50 R2 / Mini 50 / Prop 84 R1

County of Fresno
Drummond-Jensen Sewer Connection Study
Prop 84 R1

Fresno ID
Jameson Pond
Prop 50 R2 / Mini 50

Consolidated ID
South & Highland Basin
Prop 84 R1

City of Dinuba / AID
Dinuba Facility
Prop 13

UKBIRWMA
(Covers Entire Planning Area)
Prop 84 DAC Pilot

Alta ID
Harder Pond
Prop 13

Alta ID
Traver Pond
Prop 50 R2

East Orsi CSD
Water Well Rehabilitation Project
Prop 84 R1

Legend

- Kings Groundwater Basin
- UKBIRWMA Boundary
- Reservoirs
- Major Highways & Interstate Roads
- Rivers
- Cities

UKBIRWMA Ongoing Projects



Conclusion

- Clean drinking water for communities will require a strong coordinated effort among State and local interests
- The California Legislature, through AB3030, SB1938, SB7x 6, SB7x7, and the Integrated Water Management Planning Act has provided a solid foundation for local management of California's Groundwater Resource
- Solutions will vary by location – IRWMs are playing key role – Role of ILRP Coalitions being defined



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Questions?