

Kings Basin Water Authority – Past & Present Grant Contracts

Updated March 29, 2023

Program & Agency	Project Title	Project Proponents	Project Description	Grant Award/Request	Status
Prop 13 Groundwater Storage Construction Grant Program (CDWR)	Alta Irrigation District Coordinated Groundwater Storage Project	KRCD Alta ID City of Dinuba	Dinuba project is a twenty-eight acre, three-cell stormwater retention and recharge basin located within the City of Dinuba. Alta ID's Traver Pond project is the enlargement of an existing five-acre recharge basin to a size of sixteen-acres.	Grant: \$2,737,753 Project Cost: \$2,974,651 Contract executed with CDWR, June 2006	Completed in 2011
Prop 13 Groundwater Storage Construction Grant Program (CDWR)	Fresno Irrigation District Waldron Pond Banking Facility Expansion	FID	The Waldron Pond Banking Facility is a groundwater recharge and recovery project that provides water to urban suppliers, agriculture suppliers, and facilitates the environmental benefits of improving the Kings River fishery. The project constructed eight recovery wells, five monitoring wells, and thirteen new recharge basins expanding the existing facility to 270 aggregate acres of recharge area.	Grant: \$4,615,072 Project Cost: \$10,500,000	Completed in 2008
Prop 50 IRWM Planning Grant Program (CDWR)	Upper Kings Basin Water Forum Integrated Regional Water Management Plan	KRCD/Water Forum	Initial development of the Upper Kings Basin IRWMP.	Grant: \$500,000 Project Cost: \$1,000,000	Completed July 2007
Prop 50 IRWM – Discretionary Funds – Integrated Regional Groundwater Model Demonstration (CDWR)	Kings Basin Integrated Groundwater Surface-water Model (Kings IGSM)	KRCD/Water Forum	The Kings Integrated Groundwater and Surface Water Model (IGSM) was developed to support the planning analysis required for the Upper Kings Basin IRWMP project. It provides an analytical tool for the region that can represent the groundwater and surface water flow systems and their interactions; and can provide quantitative information on a comparative basis to help evaluate alternative conjunctive water management strategies.	Grant: \$500,000 Project Cost: \$1,000,000	Completed model development Spring 2007; calibration report published November 2007

<p>Prop 84 River Parkways and Urban Streams Restoration Grant Programs (CA Resources Agency)</p>	<p>Kings Ribbon of Gems – North Riverside Park</p>	<p>Kings River Conservancy KRCD/Water Forum</p>	<p>Implementation of a project identified in the “Kings Ribbon of Gems” plan. 38-acre river parkway located below Pine Flat Dam on the north bank of the Kings River upstream of Choinumni Park. Two components: 1) 1.5-mile river access trail with 0.5-mile ADA compliant section plus picnic areas, 2) ADA restroom, with adjacent ADA parking area.</p>	<p>Grant: \$284,674 Project Cost: 298,374</p> <p>Contract executed with Resources Agency Summer 2011</p>	<p>Project is complete. Ribbon cutting ceremony occurred in Spring 2013</p>
<p>Prop 50 Round 2 IRWM Implementation Grant Program (SWRCB)</p>	<p>Upper Kings Basin Water Forum Project</p>	<p>KRCD/Water Forum Alta ID City of Fresno Fresno ID</p>	<p>Alta ID Traver Pond Project provides dry year supply and is a component of a surface water exchange agreement w/ Cutler & Orosi PUDs. City of Fresno project installed 10k of planned 110k residential water meter. Fresno ID Jameson Pond Expansion added sixty additional acres to an existing forty-acre recharge facility.</p>	<p>Grant: \$6,064,375 Project Cost: \$18,112,895</p> <p>Contract executed with SWRCB, December 2008</p>	<p>Completed September 2013</p>
<p>Prop 50 Supplemental – AKA Mini 50 – Grant Program (CDWR)</p>	<p>The Fresno Irrigation District Jameson Pond Expansion Project Phase II</p> <p>The City of Fresno Residential Water Meter Project Phase II</p>	<p>UKBIRWMA City of Fresno Fresno ID</p>	<p>Fresno ID’s Jameson Pond Phase II Expansion enhances water supply capacity by constructing an additional recovery well. The City of Fresno Phase II meter project installed an additional 5k meters (of planned 110k) complete with AMR devices and software.</p>	<p>Grant: \$2,099,868 Project Cost: \$4,661,500</p> <p>Contract executed with CDWR, September 2011</p>	<p>Completed December 2015</p>
<p>Prop 84 IRWM Disadvantaged Communities Pilot Program (CDWR)</p>	<p>UKBIRWMA – Disadvantaged Communities (DAC) Outreach & Planning Pilot</p>	<p>UKBIRWMA</p>	<p>Project seeks to map DACs and their water needs; develop mechanisms to effectively engage and integrate DACs into the IRWM planning process; develop conceptual project descriptions and cost estimates to include in the IRWMP project list; and identify/facilitate partnerships between member agencies and DACs.</p>	<p>Grant: \$500,000 Project Cost: \$500,000</p> <p>Contract executed with CDWR, January 2012</p>	<p>Completed June 2014</p>

<p>Prop 84 Round 1 IRWM Planning Grant Program (CDWR)</p>	<p>UKBIRWMA – Integrated Regional Water Management Plan Update</p>	<p>UKBIRWMA</p>	<p>The objective of the project is to update the 2007 Upper Kings Basin IRWMP to: 1) Satisfy new State guidelines for IRWMPs; 2) More thoroughly address Statewide Priorities and Program Preferences; 3) Update the plan to include recent information; 4) Address inadequacies in the existing IRWMP; 5) Expand the focus on Disadvantaged Communities; 6) Document successes and lessons learned since the original plan was drafted; 7) Document governance and policy improvements since the original plan was drafted; 8) Engage more stakeholders; and 9) Improve the overall regional planning process.</p>	<p>Grant: \$236,890 Project Cost: \$336,850 Contract executed with CDWR, September 2011</p>	<p>Completed April 2014</p>
<p>Prop 1E Round 1 IRWM Stormwater Flood Management Grant Program (CDWR)</p>	<p>Fancher Creek Flood Control Improvement Project</p>	<p>City of Fresno w/ Fresno Metropolitan FCD (project is included in the Kings Basin IRWMP project list)</p>	<p>The Fancher Creek Detention Basin removes 682 acres from the 100-year floodplain, redirects runoff that may contain pollutants into stormwater management basins, and result in approximately 740-acre feet of additional surface water recharge per year. Once complete, the basin will have sufficient capacity to provide the 100-year control of the Fancher Creek flows.</p>	<p>Grant: \$2,231,086 Project Cost: \$4,613,734 Contract executed with CDWR, Sept. 5, 2012</p>	<p>Completed June 2020</p>
<p>Prop 84 Round 1 IRWM Implementation Grant Program (CDWR)</p>	<p>UKBIRWMA – Groundwater Overdraft Reduction and Disadvantaged Community Water Supply Reliability Projects</p>	<p>UKBIRWMA Bakman WC w/ FID Consolidated ID County of Fresno City of Clovis City of Fresno East Orosi CSD w/ AID</p>	<p>Bakman WC's project entails installation of 2,453 residential water meters (This project was not awarded). Consolidated ID developed a 75-acre groundwater banking facility. County of Fresno Drummond Jensen project prepared a study to remove an unincorporated neighborhood from septic by connecting to City of Fresno. City of Clovis expanded its surface water treatment facility to reduce groundwater pumping. City of Fresno installed an additional 10k residential water meter. And East Orosi CSD's rehabilitated two existing municipal</p>	<p>Grant: \$8,496,000 Project Cost: \$15,404,340 Contract executed with CDWR, July 2012</p>	<p>Completed June 2018</p>

			wells in a DAC to extract from a higher quality zone of the aquifer.		
Prop 84 Local Levee Grant Program (CDWR)	Kings River Levee Evaluation Project	KRCD (project is included in the Kings Basin IRWMP project list)	The objective of this project is to reduce flood risk on the Kings River by evaluating flood project levees, identifying deficiencies, and recommending appropriate management actions.	Grant: \$2,000,000 Project Cost: \$2,292,922 Contact executed with CDWR, February 2013	Completion December 2020
Prop 1E Round 1 Flood Corridor Grant Program (CDWR)	McMullin On-Farm Flood Capture and Recharge Project	KRCD Terranova Ranch McMullin Recharge Group Raisin City WD James ID (project is included in the Kings Basin IRWMP project list)	Project is Phase 1 in a multi-phase project to capture North Fork Kings flood flows for on-farm recharge activities (direct/in-lieu recharge, irrigation). Objectives will be achieved through flood easements on 250 acres; upgrade to turnout along Kings River, McMullin Grade Crossing, Terranova Canal, and implementation of Flood Flow Capture on 1250 acres. Project will divert flood flows up to 500 CFS.	Grant: \$5,039,950 Project Cost: \$14,551,689.13 Contract executed with CDWR, February 2013	DWR provided an additional \$39,950 for flow meter and telemetry. Agreement extended to June 30, 2023
California Water Foundation	Kings Basin Remote Groundwater Monitoring Project	KRCD	Installation of satellite-based remote groundwater monitoring equipment on nine existing wells located on or near Manning Avenue between James ID and Alta ID.	Grant \$44,763 Project Cost ~\$55,000 Contract executed with CWF, Summer 2012	Completed May 2013
California Water Foundation	Implementation of Interlinked Groundwater Management Strategies in the Kings Basin	KRCD	Installation of constructed monitoring wells within Management Areas A & B, update of the Kings IGSM and model run of IRWMP projects, and land use outreach.	Grant \$1,000,000 Project Cost ~\$1,080,000 Contract executed with CWF, February 2013	Completed April 2016
					Completed September 2021

<p>Prop 1E Round 2 IRWM Stormwater Flood Management Grant Program (CDWR)</p>	<p>Dry Creek Flood Control Improvement Project</p>	<p>Fresno Metropolitan FCD (project is included in the Kings Basin IRWMP project list)</p>	<p>The project consists of modifications to FMFCD's flood control facilities in the Big Dry Creek and Pup Creek watersheds. The project's primary goal is to provide better flood protection for the Cities of Fresno and Clovis, and surrounding areas. The project includes improving the structural integrity of the Big Dry Creek Dam, and channel improvements to allow more effective and flexible routing of flood waters at three points downstream of the Dam along the Dry Creek system. In addition, the project includes construction of one floodwater detention basin and expansion of an existing flood water detention basin to increase stormwater storage capacity, increase groundwater recharge, and improve groundwater quality.</p>	<p>Grant: \$6,891,010 Project Cost: \$13,782,020 Contract executed May 12, 2014</p>	
<p>Prop 84 Round 2 IRWM Implementation Grant Program (CDWR)</p>	<p>KBWA IRWM Implementation Grant Projects</p>	<p>UKBIRWMA City of San Joaquin Fresno ID Bakman Water Co. Laguna ID City of Kerman</p>	<p>The City of San Joaquin's project provides drinking water supply and quality benefits to DAC residents through well rehabilitation and installation of residential water meters*. Fresno ID's project partners with James ID to utilize flood water for banking and recharge in the lower Kings Basin. Bakman's project provides drinking water supply and quality benefits to DAC residents through well head treatment of DBCP and installation of residential water meters*. Laguna's project involves construction of a 52-acre recharge and banking facility between Laton and Riverdale. City of Kerman's project installs 665 residential water meters of the City's planned program to meter all residential users.</p>	<p>Grant: \$8,734,000 Project Cost: \$11,105,913 Contract executed July 2014</p>	<p>Grant completion date: 6/30/2018</p>
		<p>KBWA</p>			<p>Completed December 31, 2018</p>

<p>Prop 1 IRWM Planning Grant Program (CDWR)</p>	<p>2016 KBWA IRWM Plan Update</p>		<p>Update of the Kings Basin IRWM Plan to meet 2016 IRWM Plan Standards. Update will include the development of a Stormwater Resources Plan.</p>	<p>Grant: \$202,817 (only used \$201,402.26) Project Cost: \$257,162.40 Contract executed June 2017</p>	
<p>Prop 1 DAC Involvement Grant Program (CDWR)</p>	<p>Tulare-Kern Funding Area DACI Program</p>	<p>KBWA Southern Sierra IRWM Kaweah River Basin IRWM Poso-Creek IRWM Kern County IRWM Westside-San Joaquin IRWM Tule River Basin IRWM County of Tulare is applicant on behalf of IRWMS</p>	<p>The purpose of this grant is to engage DAC/SDACS/EDA in the IRWM planning process. Project activities include: Needs Assessment web portal, DAC Engagement and Education Program, and DAC project development.</p>	<p>Grant: \$3,400,000 to the Tulare-Kern FA (of which \$392,000 directly allocated to KBWA for DAC projects) Project Cost: \$392,000 Contract executed February 13, 2018</p>	<p>Administered by County of Tulare on behalf of the Tulare-Kern Funding Area. KBWA DAC planning projects awarded/completed:</p> <ul style="list-style-type: none"> • East Orosi CSD: \$159,144, in progress • Malaga CWD: \$90,856, completed May 2021 • Sultana CSD: \$142,000, completed October 2021
<p>Prop 1 IRWM Implementation Grant, Round 1 (CDWR)</p>	<p>KBWA IRWM Implementation Grant Projects</p>	<p>Fresno ID Consolidated ID Laguna ID Fresno Metropolitan Flood Control District (Only FMFCD Project Funded)</p>	<p>Six projects were submitted for this grant solicitation, but only the Fresno Metropolitan Flood Control District (FMFCD) Basin "CF" Stormwater Recharge and Flood Protection Project was awarded funding. FMFCD's project will construct basin improvements to FMFCD's existing Basin "CF". The basin improvements include a basin pump station, telemetry system, internal basin pipeline, basin relief pipeline, canal intertie structure and appurtenant facilities. The basin's primary purpose is to capture stormwater and prevent localized flooding. This project will provide a direct benefit to the disadvantaged community of Malaga.</p>	<p>Grant: \$1,113,033 Project Cost: \$1,113,033 Contract executed January 26, 2021</p>	<p>Project construction in progress.</p>

Prop 1 Round 2 Storm Water Grant Program (SWRCB)	McMullin On-Farm Flood Capture Project, Phase 2	McMullin Area Groundwater Sustainability Agency	Building upon Phase 1, this Phase 2 project will bring surface water supplies into a "groundwater only" area to dedicated recharge basins, on-farm in-field recharge or in-lieu recharge, which will greatly increase the water supply reliability for the area.	Grant \$10,000,00 Contract execution in progress	Grant contracting in progress.
Prop 1 IRWM Implementation Grant, Round 2 (CDWR)	KBWA IRWM Implementation Grant Projects	Bakman Water Company Fresno ID City of Parlier	The Bakman Water Company project will install inline nitrate analyzers on six wells within that will provide real time values for nitrate levels in the groundwater and will allow Bakman Water to operate sources that seasonally fluctuate with Nitrate Levels and prevent any Nitrate MCL exceeding water from reaching customers. Fresno ID's recharge basin project will capture, store and recharge surface water with an average annual recharge of 960 acre-feet/year based on local hydrology and basin infiltration rates. The City of Parlier's project will retrofit three existing stormwater retention basins into groundwater recharge basins. This project is estimated to contribute approximately 440 acre-feet/yr towards groundwater recharge.	Grant: \$6,243,505 Project Cost: \$8,653,644 Contract execution in progress	Grant contracting in progress.

Cumulative Grant Award: **\$69,926,796**
Cumulative Local Match: **\$52,758,932.53**
Cumulative Project Costs: **\$122,685,728.53**