

Water Conservation Field Services Program - 2006

Award Recipients	Award Amount	Project Description
Alpaugh ID	\$15,000	Installation of deep well meters
Cal Poly	\$84,000	Technical Assistance, including on-farm irrigation system evaluations and Research Programs for Federal Water Contractors
Casitas Municipal WD	\$25,000	Agricultural water audit program
City of Roseville	\$25,000	(1) Utility Exploration Center mini exhibit; (2) LivingWise Program for community awareness; (3) Irrigation controller replacement program
City of Santa Barbara	\$23,500	Production of a sustainable landscaping television series and website
Columbia Canal Company	\$21,000	Modernization of canal operation through installation of long-crested weirs
Colusa Drain MWC	\$25,000	Regional water management planning
Corning WD	\$25,000	SCADA system installation
Del Puerto WD	\$23,710	Installation of Doppler meters
Delano-Earlimart ID	\$21,500	Expansion of district website to provide real-time data for on-farm water conservation and management programs
El Dorado ID	\$25,000	Installation of Agricultural-Urban weather stations; Test Agricultural soil moisture measurement devices; monitor market awareness for SMART controllers
Fair Oaks Water District	\$17,417	Installation of a conservation reporting module to identify high water users and trouble areas
Firebaugh Canal WD	\$25,000	Canal lining
Fresno ID	\$25,000	SCADA system installation
Friant Water Authority	\$25,000	Regional water management planning
Friant Water Authority	\$75,000	Canal automation
Goleta WD	\$18,200	Data logger demonstration project to monitor residential water use and a mobile water conservation van demonstration project
James ID	\$25,000	Install permanent flow meters at turnouts
Kern-Tulare WD	\$25,000	SCADA system installation
NW Kern RCD	\$25,000	On-farm irrigation system evaluations to improve WUE
Orange Cove ID	\$25,000	Turnout rehabilitation: waterproofing the interior sump surface to prevent leakage
Orland-Artois WD	\$15,000	SCADA integration project
Placer County Water Agency	\$20,000	High-efficiency clothes washer and ultra-low flush toilet rebate program
Placer Nature Center	\$8,000	Water conservation education
Reclamation District 108	\$160,200	Reclamation/Basinwide water management plan cooperative water measurement study
San Juan WD	\$25,000	Water conservation rebate and irrigation improvement reimbursement program
San Luis Canal Company	\$25,000	Modernization of canal operation through installation of long-crested weirs
Santa Ynez River WCD	\$5,000	Ultra low flow toilet rebate program
Saucelito ID	\$34,800	Installation of variable frequency drive systems
Shafter-Wasco ID	\$25,000	Outlet replacement project
Solano ID	\$25,000	SCADA system installation
Tehama-Colusa Canal Authority	\$40,097	Installation of 5 Doppler meters at canal laterals
Tranquility ID	\$25,000	Study the benefits of connecting multiple districts' canals. Potential to decrease evaporation and seepage
Turtle Bay Exploration Park	\$50,000	Water conservation education
Westside WD	\$25,000	A cost share, landowner incentive program for on farm efficiency improvements

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Solano Irrigation District	\$25,000.00	Flow Measurement Replacement Program: Replacement of standard propeller flow meters with low-volume flow meters for farmers (on a cost shared basis) who are converting from flood and furrow irrigation to drip and micro-spray irrigation.
El Dorado Irrigation District	\$50,000.00	Water Efficient Toilet Replacement Incentive Program (Implementation of BMP 14). This project focuses on replacing 1,000 low-efficiency toilets with new high efficiency and ultra-low flow models.
Solano County Water Agency (SCWA)	\$50,000.00	This project consists of two phases. Phase 1 includes a Water Conservation Education Program for the Commercial, Industrial and Institutional (CII) sector. Phase 2 includes the installation of "SMART" controllers and high efficiency toilets.
City of Roseville	\$47,450.00	This proposal has 4 elements. (1) Roseville Utility Exploration Center Green House Exhibit- a water conservation exhibit; (2) Continuation of the Living Wise Program- an elementary school program that teaches about water conservation in the home; (3) Water Budget Development-funding to assist with the completion of water budgets for all dedicated irrigation and mixed-use meter accounts; (4) CII Direct Installation Program-direct replacement of existing high flush toilets with flapperless high efficiency toilets with no cost to the customer.
Solano County Water Agency	\$49,500.00	Replacement of residential high water-use toilets to ultra low flush toilets (Implementation of BMP 6) and installation of "SMART" irrigation controllers which addresses AB1881 recently signed by the governor.
San Juan Water District	\$50,000.00	This project has 4 elements. (1) Washing Machine Rebate Program-The District will provide a \$75 rebate for customers who purchase and install a Tier 2 or Tier 3 high efficiency clothes washer. Rebates will be limited to 80 and will be given on a first come, first served basis; (2) Irrigation Efficiency Improvement Program-The District will offer a financial incentive, reimbursing up to 50% of material cost to improve residential irrigation systems; (3) Artificial Turf Demonstration Area- Replace turf in District's Water Efficient Landscape with artificial turf to encourage customers to replace existing turf with artificial turf; (4) Customer Satisfaction and Program Penetration Study- An overall customer satisfaction survey to gather data on customer's perception of water conservation, etc. Will also ask for data on toilet replacement information which will be used for marketing implementation of replacement programs.
Placer County Water Agency (PCWA)	\$20,000.00	High Efficiency Clothes Washer Rebate Program (Implementation of BMP 6). A three tiered rebate structure is proposed, the lower the water factor value, the higher the rebate. Rebates will range from \$75.00 - \$150.00.
City of Folsom	\$45,426.00	This project includes community wide public outreach, customer education and financial incentives to upgrade residential irrigation systems including the installation of ET irrigation controllers. This project will serve approximately 12,000 residential water customers who are being converted from flat rate water charges to volumetric pricing.
Fair Oaks Water District	\$19,410.00	Assists District with BMP implementation for system water audits and leaks, meter reading, metering with commodity rates, water survey programs, and water waste prohibition and awareness. The District will purchase a mobile data collection device and advanced water system for automatic readings and billing registers. Allows for significant reductions in the time required to collect and process meter reading data and increases meter reading efficiency. As a result, the District can provide customers with specific water usage data for water use efficiency awareness.
Corning Water District	\$25,000.00	SCADA installation at C-6 pump station.
Kanawha Water District	\$24,800.00	SCADA installation with linkage to an audio-dialer system capable of notifying an on-call operator in alarm conditions.
Bella Vista Water District	\$50,000.00	Installation and repair of master meters to replace old, inaccurate meters at various pumping stations.
Tehama Colusa Canal Authority	\$49,919.00	Conversion of venturi meter technology to Doppler meters for improved measurement accuracy.

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Glenn-Colusa Irrigation District	\$22,000.00	Installation of 20 ITRC flap gates in existing weirs, which can automatically control water levels to one inch of fluctuation upstream of weir and spill structures.
Turtle Bay Exploration Park	\$49,721.00	Water Conservation Education, including (1) Docent training and presentation; (2) Museum Teen Volunteer interpretation, (3) educational program implementation, and (4) informational publications, interpretative signage and on-going program maintenance.
Anderson-Cottonwood Irrigation District	\$35,000.00	Piping approximately 300 feet of an irrigation canal which has high soil porosity.
Cal Poly Corporation	\$50,000.00	Construction, installation and evaluation of flap gates at Glenn-Colusa ID, Anderson Cottonwood ID, Orland Unit Water Users Authority, Orland-Artois Water District Chowchilla Water District and Reclamation District 1004.
Tulare Irrigation District	\$50,000.00	Installation of an automated gate at Tagus Basin so it can be utilized as a regulating and recharge basin. This will allow for an increase in water delivery flexibility to upstream and downstream users.
City of Santa Barbara	\$19,125.00	Rain Sensor Rebate Program: District will provide 450 rain sensor devices to homeowners with automatic irrigation systems. Rain sensors have proven to be effective in reducing wasteful irrigation by interrupting the automatic sprinklers in rain events (Implementation of BMP 5).
Westlands Water District	\$50,000.00	On-line automated services to supply zone specific reference evapotranspiration to Water Conservation Coordinators. Westlands is doing this project in partnership with Santa Clara Valley Water District. (Implementation of BMP 3)
Tranquillity Irrigation District	\$50,000.00	Installation of SCADA and telemetry equipment at 4 locations including the upper reach of Mendota Pool.
Firebaugh Canal Water District	\$50,000.00	Concrete lining of 3,500 feet of earthen irrigation conveyance ditches.
San Luis Canal Company	\$50,000.00	Retrofit 4 existing canal check structures that are currently equiped with flashboard structures into modern long-crested weirs for precise up-streem water level control. Water level variation will be reduced by 75%.
James Irrigation District	\$27,400.00	Installation of 24 open channel propeller flow meters at water user turnouts.
Fresno Irrigation District	\$50,000.00	Installation of an automatic canal gate and the necessary telemetry equipment for remote flow rate monitoring at Herndon Canal.
North West Kern Resource Conservation District	\$50,000.00	Mobile lab services: provide technical assistance and evaluations of on-farm irrigation systems to maximize efficient use of water.
Arvin-Edison Water Storage District	\$50,000.00	This proposal consists of 3 elements. (1) Automate 3 existing canal check structures with SCADA; (2) Conduct a feasibility study for potential installation of a new check structure; (3) Purchase flow/level transducers for existing weir structures to track the flow rates into ground water recharge facilities.
Henry Miller Reclamation District No. 2131	\$50,000.00	Installation of 2 Doppler flow meters integrated with data loggers to measure water velocity and depth with a high level of precision at drainage outlets.