



## *Grant Projects Database Report for The Drinking Water Quality Program Element*

<i>Project Title</i>	<i>CBDA Region</i>	<i>Calendar Year Funded</i>	<i>County</i>	<i>Grant Amount Awarded</i>	<i>Recipient</i>
Veale-Byron Project/Rock Slough & Old River Water Quality Actions	Delta	2000	Contra Costa	\$450,000	Contra Costa Water District
Bay Area Blending & Exchange Project	Bay	2001	Contra Costa	\$110,000	Bay Area Blending & Exchange
Contra Costa County Knightsen Water Quality/Drainage Improvement	Delta	2001	Contra Costa	\$100,000	Contra Costa Water District
Hydrologic Flow Measurement & Assessment of Organic Loads	Delta	2001	Sacramento	\$300,000	United States Geological Survey
Recovery, Purification & Utilization of Salts From Agricultural Drainage Water in the San Joaquin Valley	San Joaquin Valley	2001	Fresno	\$322,500	University of California Davis
Sources & Magnitudes of Water Quality Constituents of Concern in Drinking Water Supplies Taken From the Sacramento/San Joaquin Delta	Delta	2001	Multiple	\$45,000	Jones & Stokes
Adaptive Real-Time Monitoring & Management of Seasonal Wetlands in the San Luis National Wildlife Refuge to Quantify Contaminant Sources & Improve Water Quality in the San Joaquin River	San Joaquin Valley	2002	Merced	\$320,000	Berkeley National Laboratory
Advanced Pretreatment Using Ion Exchange for Organic Carbon Removal from Delta Water	Bay	2002	Solano	\$495,000	Solano County Water Agency
Agricultural Drainage Treatment: Intermediate-Scale Experiments	San Joaquin Valley	2002	Fresno	\$750,000	Panoche Drainage District
Assessing the Occurrences and Sources of E. Coli and E. Coli 0157 Contamination in Castaic Lake	Southern California	2002	Los Angeles	\$609,500	Metropolitan Water District of Southern California
Bromate Control with Carbon Dioxide Addition	Bay	2002	Alameda	\$120,000	Alameda County Water District
Control of Agricultural Runoff	San Joaquin Valley	2002	Stanislaus	\$742,000	Turlock Irrigation District
County of Tuolumne Water Quality Plan	San Joaquin Valley	2002	Tuolumne	\$182,995	County of Tuolumne Planning Division
Dairy Nutrient Management Program	San Joaquin Valley	2002	Stanislaus	\$271,930	East Stanislaus Resource Conservation District
Determining Mitigation Strategies to Prevent Contaminants From Animal Feeding Operations from Entering Drinking Water Sources	San Joaquin Valley	2002	Merced	\$568,000	Merced County Division of Environmental Health

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Determining the Contribution of Riverine In-Delta & Aqueduct Sources of Organic Loads in the State Water Project Using Accelerator Mass Spectrometry Carbon Dating & Stable Isotope	Delta	2002	San Joaquin	\$396,088	California Department of Water Resources
Improving Delta Drinking Water Quality: Managing Sources of Disinfection By-Product-Forming Material in the State Water Project	San Joaquin Valley	2002	San Joaquin	\$1,368,813	United States Geological Survey
Integrating Ultraviolet Light to Achieve Multiple Treatment Options	Southern California	2002	Los Angeles	\$610,000	Metropolitan Water District of Southern California
Investigating In-Situ Low Intensity Chemical Dosing to Decrease Delta Waters Dissolved Organic Carbon Concentrations & Disinfection By-Product Precursors While Accelerating Wetland Peat Accretion Rates & Reducing Flood Risks	Delta	2002	Sacramento	\$1,534,270	United States Geological Survey
Lake Perris Pollution Prevention & Source Water Protection Program	Southern California	2002	Riverside	\$1,390,800	Metropolitan Water District of Southern California
Little Panoche & Cantua Creek Watersheds	San Joaquin Valley	2002	Fresno	\$200,000	Westside Resource Conservation District
North Bay Aqueduct Alternative Intake Study	Delta	2002	Solano	\$188,500	Solano County Water Agency
North Bay Aqueduct Watershed Best Management Practices	Delta	2002	Solano	\$399,608	Solano County Water Agency
Orestimba Creek Watershed-Agricultural Water Quality Pilot	San Joaquin Valley	2002	Stanislaus	\$275,000	Coalition for Urban/Rural Environmental Stewardship (CURES)
Reducing Non-Point Dissolved Organic Carbon & Nitrogen Exports Rice Fields: A Pilot Study & Quantitative Survey to Determine the Effects of Different Hydrologic & Straw Management Best Management Practices	Delta	2002	Contra Costa	\$869,715	Contra Costa Water District
Resolution of Outstanding Issues in Delta Hydrodynamics & Water Quality Models	Delta	2002	San Joaquin	\$155,000	K. T. Shum
Rock Slough & Old River Drainage Management	Delta	2002	Contra Costa	\$1,300,000	Contra Costa Water District
Salt and Martinez Creeks Watershed Assessments	San Joaquin Valley	2002	Fresno	\$200,000	Westside Resource Conservation District
San Joaquin Valley/Southern California Water Quality Exchange	San Joaquin Valley	2002	Fresno	\$20,000,000	Metropolitan Water District of Southern California
San Luis Drain Algae & Total Organic Carbon Control Project	San Joaquin Valley	2002	Merced	\$145,680	Grassland Basin Drainers
Steelhead Creek Drinking Water Quality Study & Watershed Assessment	Sacramento Valley	2002	Sacramento	\$595,131	Dry Creek Conservancy

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The Water You Play In Is The Water You Drink	Delta	2002	Contra Costa	\$982,655	Contra Costa County Clean Water Program
Vernalis Real-Time Water Quality Monitoring Station	San Joaquin Valley	2002	San Joaquin	\$615,500	California Department of Water Resources
Rock Slough and Old River Water Quality Improvements	Delta	2003	Contra Costa	\$2,825	Contra Costa Water District
Agricultural Discharge Management Program Monitoring and Evaluation - West Stanislaus County	San Joaquin Valley	2004	Merced	\$1,321,250	San Joaquin Valley Drainage Authority
Contra Costa Canal Encasement Project	Delta	2004	Contra Costa	\$7,313,716	Contra Costa Water District
Demonstration of on-farm vegetated buffers for reducing NPS pathogen pollution into tributaries of the Fresno and San Joaquin Rivers	San Joaquin Valley	2004	Madera	\$341,761	Coarsegold Resource Conservation District
Development and Implementation of Ricefield Management Practices to Improve Water Quality	Delta	2004	Yolo	\$1,157,763	University of California, Davis
Development of a Delta Region Drinking Water Quality Management Plan	Delta	2004	Contra Costa	\$250,000	Contra Costa Water District
Development of a Watershed Management Program for the South Bay Aqueduct System	Bay	2004	Alameda	\$240,594	Alameda County Water District (ACWD)
Development of new isotope tools for assessing sources of organic matter and nutrients in the SJR	Bay	2004	San Mateo	\$844,000	U.S. Geological Survey
Development of the Southern California Regional Drinking Water Quality Management Plan	Southern California	2004	Los Angeles	\$249,935	Mono Lake Committee
Dominguez Gap Wetlands Multiuse Project	Southern California	2004	Los Angeles	\$2,350,000	Los Angeles County Flood Control District
East San Joaquin Water Quality	San Joaquin Valley	2004	Stanislaus	\$3,031,689	San Joaquin River Group
Evaluating BMP Effectiveness to Reduce Volumes and Improve Quality of Runoff from Urban Environments	Delta	2004	Yolo	\$2,900,350	Department of Environmental Horticulture, University of California, Davis
Evaluating the Drinking Water Impact of Wetland Derived Organic Carbon	Bay	2004	Alameda	\$465,750	Lawrence Berkeley National Laboratory
Evaluation of groundwater nitrate and organic carbon inputs to the lower San Joaquin River and their sources	Sacramento Valley	2004	Sacramento	\$977,500	U.S. Geological Survey

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Grassland Drainage Area Reuse Development Project	Unknown	2004	Unknown	\$1,041,700	Panoche Drainage Water District
Harding Drain Watershed Agricultural and Urban Impacts-Evaluation Education and Outreach	San Joaquin Valley	2004	Stanislaus & Merced Counties	\$1,368,000	Turlock Irrigation District
Hydrologic Flowpaths in Oak Woodland Landscapes: Implications for Dissolved Organic Carbon and Nutrient Transport	Unknown	2004	Unknown	\$355,633	University of California, Davis
Implementation of Buffer, Irrigation, and Grazing BMPs to Reduce Pathogens, TOC/DOC, and Turbidity from Rangeland and Irrigated Pasture	Delta	2004	Yolo	\$886,133	University of California, Davis
Irvine Desalter Project	Southern California	2004	Orange	\$1,200,800	Irvine Ranch Water District
Lake Perris Dissolved Oxygen Enhancement Project	Southern California	2004	Los Angeles	\$3,000,000	The Metropolitan Water District of Southern California
Long Term Risk of Groundwater and Drinking Water Degradation from Dairies and Other Nonpoint Sources in the San Joaquin Valley	Delta	2004	Yolo	\$1,557,661	University of California, Davis
Management of DOC, DBPP and nutrients loads from major agricultural land uses and development of BMPs	Sacramento Valley	2004	Sacramento	\$4,208,707	U.S. Geological Survey
Northern Sacramento Valley Regional Water Quality Management	Sacramento Valley	2004	Glenn	\$249,330	County of Glen
Real-Time Continuous Monitoring of Bromide and Nutrients at H. O. Banks Pumping Plant and San Joaquin River at Vernalis	San Joaquin Valley	2004	San Joaquin	\$274,556	Santa Clara Valley Water District
Selenium and Nitrate Removal from Agricultural Drainage	San Joaquin Valley	2004	Fresno	\$470,600	Panoche Drainage District
Source identification, monitoring and outreach for reducing agricultural pathogens into the Sacramento-San Joaquin Delta Estuary	San Joaquin Valley	2004	Tulare	\$899,776	School of Veterinary Medicine University of California Davis
The Drinking Water Education Program	Sacramento Valley	2004	Sacramento	\$479,953	Water Education Foundation
Watershed Monitoring and Technical Studies to Support Development of Central Valley Drinking Water Policy	Sacramento Valley	2004	Sacramento	\$970,000	California Urban Water Agencies

\* See Complete Grant For More Detail.

**Summary for 'Program Element' = Drinking Water Quality      61 projects**

**Total Grant Dollars Awarded:**

**\$75,023,667**