

DWR Drought Assistance Projects

Grantee	Contract Name	Funded Amount
Prop 50 Urban Water Management (2008 Drought Assistance)		
Calaveras County Water District	Disadvantaged Community Pipeline Leak Repair Program	\$250,000
Hi-Desert Water District	Capital Replacement Program / Service Connection Replacement	\$248,577
Regional Water Authority	Sacramento Regional Water Efficiency Acceleration Program	\$1,997,870
East Bay Municipal Utility District	Water Conservation Customer Research	\$131,200
City of Anaheim	Artificial Turf Enhanced Rebate Program	\$247,869
City of Ceres	Meter Retrofit Project Phase 2	\$250,000
City of Folsom	Landscape and Irrigation Water Saving Retrofit Program	\$110,000
Eastern Municipal Water District	High Efficiency Toilet Direct Install Program	\$250,000
East Bay Municipal Utility District	WaterSmart High-Efficiency Toilet Rebate Program	\$250,000
County of Sonoma - General Services Department	Sonoma County Water Project	\$204,964
Scotts Valley Water District	Scotts Valley Conservation Initiative	\$123,906
Burbank Water and Power	Toilet Replacement for Multifamily Housing	\$250,000
City of Santa Monica	Rainwater Harvesting - Rain Barrel/Cistern Rebates	\$70,000
Water Replenishment District of Southern California	WRD Educational Urban Landscape Demonstration Project	\$100,000
Western Municipal Water District	Residential Weather Based Irrigation Controller and High Efficiency Nozzle Installation Program	\$300,000
City of Huntington Beach	Water Use Efficiency Master Plan	\$25,000
City of Woodland	Installation of Water Data Collection System	\$246,408
Golden Hills Community Services District	Water Conservation: Automatic Meter Reading Program	\$250,000
Los Angeles County Waterworks Districts	Enhanced Water Conservation and Efficiency Customer Rebate Program	\$250,000
City of Redwood City	Commercial, Industrial and Residential Toilet and Urinal Replacement, and Rebates for Industrial and Commercial Accounts	\$250,000
Town of Hillsborough	Leak Detection Program	\$49,300
West Basin Municipal Water District	Residential Indoor Plumbing Retrofit Kits	\$251,600
City of Davis	Playfield's Park All Weather Soccer Field Project (CIP 8201)	\$250,000
Inland Empire Utilities Agency (IEUA)	Irrigation System Retrofits	\$1,000,000
Orange County Water District	O.C. Family Water Conservation Program	\$641,581
The Metropolitan Water District of Southern California	California Friendly Turf Removal Pilot Program	\$2,000,000
Municipal Water District of Orange County	Budget Based Rates in Orange County for Water Management & Droughts	\$685,000

DWR Drought Assistance Projects

Alameda County	Santa Rita Jail Waterwise Landscaping	\$250,000
City of Port Hueneme	Phase III of Citywide AMR Water Meter Installation	\$250,000
City of Santa Monica	Sustainable Landscape Grant Program	\$250,000
San Diego County Water Authority	2008 Drought Response and Outreach Program	\$1,066,725
Housing Authorities of the City and County of Fresno	Disadvantaged Communities Application for Smart Irrigation Controller Turnkey Installation	\$182,735
City of Palmdale	Turf buy back	\$250,000
Tooleville Mutual Nonprofit Water Association	Tooleville Water Meter Project	\$59,000
Housing Authority of the County of Monterey	HACM Smart Irrigation Project	\$0
California Rural Water Association	Southern California Technical Assistance Program	\$243,800
City of Oakland	Oakland Watershed Audit	\$250,000
City of Oakland	Oakland Conservation Project	\$58,500
City of Dorris	Railroad Ave Leak Detection/Water Audit	\$220,000
City of Palmdale	Demonstration Garden	\$201,097
City of Palmdale	Focus Neighborhood 4 and 5	\$249,999
City of Palmdale	Waterless Urinal	\$12,737
California Rural Water Association	Leak Detection Training and Technical Assistance Program	\$247,040
California Rural Water Association	Drought Management Educational Training Program	\$248,240
Richgrove Community Services District	Richgrove Ultra Low Flush Toilet Retrofit Program	\$199,800
Urban Relief	Innovations for Reducing Urban Landscape Irrigation Needs	\$136,290
Alpaugh Joint Powers Authority	Alpaugh Leaky Water Line Replacement Project	\$241,407
Pixley Public Utility District	Pixley Water Meter Project	\$245,137
Planada Community Services District	Planada Water Meter Installation Project	\$249,229
Cutler Public Utility District	Cutler Water Meter Retrofit Project	\$250,000
California Rural Water Association	Northern California Technical Assistance Program	\$245,920
Monterey Park Tract Community Services District	Monterey Park Tract Water Meter Installation Project	\$61,050
Parlier, City of	Water Conservation in Parlier	\$250,000
Ninisaan Organization	The Ninisaan Urban Drought Assistance Project	\$250,000
Lanare Community Services District	Lanare Water Meter Installation Project	\$148,019
Total - Urban Water Management (2008 Drought Assistance)		\$17,000,000
Number of Grants:	55	
Prop 50 Ag and Urban Water Management Grants		

DWR Drought Assistance Projects

Glenn-Colusa Irrigation District	Water Conservation and Management Project	\$1,400,132
Ducks Unlimited	Llano Seco Water Conveyance Structure Replacement Project	\$1,022,900
Orland Unit Water Users Association	Orland Project Regulating Reservoir Construction	\$1,463,525
Lindsey-Strathmore Irrigation District	High Level Reservoir	\$128,678
Western Shasta Conservation Dist	Cow Creek Water Use Efficiency	\$441,556
Placer County Water Agency	Newcastle Canal & Upper Banvard Canal Seepage Reduction	\$38,604
USDA-Agricultural Research Service	Improved prediction of irrigation water use Ca. crops from remote sensing	\$88,081
California State University Monterey Bay	Development of the Viticultural Information System (VITIS)	\$111,341
Reclamation District 1500	Joint Sutter Basin Irrigation Recycling Project	\$107,357
Cal Poly Corporation	Accessible Education for Ag Irrigation	\$57,169
University of California, Davis	Survey of Winegrape Irrigation Practices	\$58,608
Cachuma RCD	Mobile Irrigation Lab	\$110,669
Consolidated Irrigation District	Canal Modernization	\$117,510
Cal Poly Corporation	Tech Assistance to Areas Serving Disadvantaged Communities	\$114,161
Ag Water Management Council	Online AWMP application	\$53,981
University of California, Davis	Site-specific irrigation to improve WUE & crop quality	\$87,707
University of California	Refined Crop Coefficients to Improve Planning & Management	\$87,206
University of California, Davis	Evaluating ET of Wine Grapes	\$87,632
Regional Water Authority	Regional Toilet Replacement Program	\$658,056
Zone 7 c/o Marin Municipal Water Dist.	Regional HECW Rebate Program	\$1,751,692
East Bay MUD	Automatic Meter Readings	\$146,065
Santa Clara Valley Water District	HET Installation Program for MFDs and CII	\$325,356
Metropolitan Water District of Southern California	HECW Program Targeting Water Factor 5.0 or better	\$1,175,100
City of Woodland	City Parks Irrigation Improvement Project	\$585,317
Central Basin Municipal Water Dist.	High Efficiency Living Program	\$918,869
Municipal Water Dist. Of Orange Co.	Multi-stream, multi-trajectory rotating nozzles	\$488,429
Contra Costa Water Dist.	Water Smart Controller Rebate Program	\$70,506
West Basin MWD	CII Incentive Program	\$237,627
Municipal Water Dist. Of Orange Co.	Hotel Water Use Reduction Program	\$435,706
Paradise Irrigation District	WUE Main Replacement Project 1, Bille Road	\$354,276
El Dorado Irrigation Dist.	CII/Single & Multi-family ET Controller install & voucher	\$282,288
Paradise Irrigation District	WUE Main Replacement Project 2, Skyway	\$307,230

DWR Drought Assistance Projects

East Bay MUD	Food Service Water & Energy Efficiency One Stop	\$132,897
Central Basin MWD	Urban City Makeover Program	\$66,831
Irvine Ranch Water District	Statewide ET Data Protocol	\$91,833
Placer County Water Agency	Foothill Friendly Farms & Landscapes	\$117,207
CUWCC	Making the Connections	\$58,549
Cucamonga Valley Water District	Fixed Network Large Meter Project	\$58,755
Cal Poly Corporation	Accessible Education for Landscape Irrigation	\$58,050
CUWCC	Reaching Out	\$115,935
Cachuma RCD	Landscape Evaluations and Rebates using Mobile Lab	\$117,510
Inland Empire Utilities Agency	Large Landscape Water Audit Training & Tech Assistance	\$114,264
Central Basin Municipal Water District	Conservation Outreach Targeting Multicultural Communities	\$58,755
Self-Help Enterprises	Technical Assistance Program	\$58,755
Municipal Water District of Orange County	Assessment of MWDOC Water Loss Management Program	\$58,755
CUWCC	Innovations That Work	\$86,828
Pacific Institute	Urban WUE Scenarios w/ and w/out climate change, to 2050	\$54,913
California Avocado Commission	Study at Groves for Irrig. Regulated by ET Controllers	\$44,066
California State University, Fresno Foundation	Water Efficient Ag Irrigation Systems & Mgmt Education	\$58,755
California State University, Fresno Foundation	WATERIGHT website	\$25,206
San Francisco PUC	HET Low-income direct install program	\$117,510
City of Los Angeles	Residential Smart Irrigation Controller Device Install	\$969,458
City of Maywood	Helping Our People and Environment (HOPE)	\$390,427
Long Beach Water Department	Water-Use Accountability in Large Multi-Family Developments	\$15,570
San Diego Water Authority	Water Budget Web Enabling	\$117,510
Lawrence Berkeley National Laboratory	Water Conservation Impact on Peak & Off-Peak Electricity Usage	\$88,133
Western Canal Water District	Canal Elevation Structure Replacement	\$61,651
USDA WMRL	Improved Water Use Efficiency for Vegetables	\$145,712
Deer Creek Irrigation District	Deer Creek Agricultural Water Use Efficiency Program Long-Term System Improvements Feasibility Investigation	\$101,558
Orland Unit Water Users Association	Orland Project Regulating Reservoir Feasibility Investigation	\$98,798
University of California	Monitoring Wetting Front Advance Rate for Irrigation Management in Flood Irrigation Alfalfa Production System	\$57,057
Plant Science University of California, Davis	Benefits and Costs of Deficit Irrigation in Alfalfa	\$371,332

DWR Drought Assistance Projects

Yolo County RCD	Irrigation improvement-Mobile Lab Prog.	\$59,049
Reclamation District 108	Reclamation/BWMP Cooperative Water Measurement Study	\$187,313
Yolo County Flood Control and Water Conservation District	Flow Monitoring Network	\$159,814
Lost Hills Water District	Service Area 7N Canal Lining Project	\$144,396
Lost Hills Water District	Service Area 4 Canal Lining Project	\$328,523
Glenn-Colusa Irrigation District	Glenn-Colusa Irrigation District Regulatory Reservoirs Feasibility Study to Address Quantifiable Objectives 13, 20, 27, 30 and 35	\$151,000
Stevinson Water District	Lateral Canal Piping Project	\$526,445
Anderson-Cottonwood Irrigation District	ACID Churn Creek Lateral System Improvements Project-Feasibility Study	\$84,607
Modesto Irrigation District	Water Conservation Ditch and Pipeline Replacement	\$293,775
Central Basin Municipal Water District	Commercial Landscape Wireless Valve End Use Management Research Project	\$96,389
UC Regents	Improvement of CIMIS Eto Maps	\$126,276
Clovis Botanical Garden Committee	Clovis Botanical Garden Expansion	\$42,516
Irvine Ranch Water District	CA Single Family Residential Water Use Efficiency Study	\$447,518
City of San Diego	Recirculating Hot Water Systems: Residential Survey and Feasibility Study	\$17,685
Santa Clara Valley Water District	Water Efficiency Demonstration Garden	\$85,782
Alameda Point Collaborative	Ploughshares Demonstration Garden	\$113,667
Alameda Point Collaborative	Water Efficient Landscaping	\$180,965
California Urban Water Conservation Council (EBMUD)	California WaterStar Initiative: Water Efficiency Product Rating and Labeling	\$127,498
California State University, Fresno Foundation	Irrigation System Audits by Students	\$93,651
South Yuba River Citizens League	"The Great Water Mystery" School Assemblies and School Water Audit	\$30,386
Metropolitan Water District of Southern California	Online/Web-Based Irrigation Efficiency Training	\$45,535
California Urban Water Conservation Council	Urban Water Efficiency Technical Assistance Program	\$297,837
California Urban Water Conservation Council	Smart From the Start	\$61,397
East Bay Municipal Utility District	New Business Plan Review Program For Water Use Efficiency	\$29,378
East Bay Municipal Utility District	Multi-Family Submeter Pilot Study	\$88,133
Water Education Foundation	Project Wet (Urban Focus)	\$46,768
Stockton East Water District	Water Awareness Exhibit Refurbishment for the Children's Museum of Stockton	\$31,728
Pacific Institute for Studies in Development, Environment, and Security	Development of a Water Use Efficiency Implementation Cost and Cost Effectiveness Model	\$83,658
Lawrence Berkeley National Laboratory	Determining Waste of Water and Energy in Residential Hot Water Distribution Systems	\$293,775
Deer Creek Irrigation District	Deer Creek Agricultural Water Use Efficiency Program Near-Term System Improvements Project	\$266,181

DWR Drought Assistance Projects

Patterson Irrigation District - Orange Avenue	Decision Support for Implementation and Evaluation of Agricultural Water Reuse Best Management Practices to Improve District-Level Irrigation Efficiency	\$414,564
Irrigation Training and Research Center	Technical Assistance to Irrigation Districts	\$227,676
California State University Monterey Bay - Foundation	Characterizing Spatiotemporal Variations in Canopy Density, Soils, Climate, and Vineyard Water Balances to Derive Spatially-Explicit Irrigation Strategies: Developing of the VITicultural Information System (VITIS)	\$69,678
University of California, Davis Agronomy/Range Science	Water Use Efficiency in Sacramento Valley Rice Cultivation	\$251,471
Agricultural Water Management Council	Agricultural Water Management Informational Resources Directory	\$36,828
University of California, Davis Kearney Agricultural Center	California Regulated Deficit Irrigation Program and Remote Sensing to Quantify Evapotranspiration	\$330,791
San Joaquin County RCD	Mobile Lab & Irrigation Workshop in Spanish	\$35,253
Anderson-Cottonwood Irrigation District	ACID Main Canal Modernization Project to Partially Address CALFED Quantifiable Objectives 6 and 7	\$1,043,058
Amador Water Agency	Amador Transmission Project	\$293,775
The Regents of the University of California Division of Agriculture and Natural Resources	Conserving Water and Improving Plant Health in Large Southern California Landscapes	\$76,387
Contra Costa Water District	High Efficiency Toilet and Urinal Replacement Program	\$386,283
City of Sacramento	Park Irrigation Infrastructure Improvement	\$443,013
Metropolitan Water District of Southern California	Residential High Efficiency Clothes Washer Rebate Program	\$975,333
Los Angeles County Waterworks District	Residential Water Use Audits Program	\$227,170
Los Angeles County Waterworks District	CII Water Use Audits & Dedicated Landscape Meter Program	\$63,856
Metropolitan Water District of Southern California	California Friendly Communities	\$248,622
Metropolitan Water District of Southern California	High-Efficiency Toilet Rebate Program	\$587,550
City of Port Hueneme	Citywide Meter Retrofit and System Audit Program	\$202,895
Newhall County Water District	Residential ET Controller Rebate Program	\$32,510
West Basin Municipal Water District	West Basin Municipal Water District Restroom Retrofit Project	\$173,230
San Benito County Water District	Water Softener Rebate Program	\$176,265
El Dorado Irrigation District	EID CII/Multi-Family Landscape Sub-Metering and ET Controller Installation Project	\$48,824
Inland Empire Utilities Agency	Multi-Family ULFT Direct Install Program	\$969,536
Electric and Gas Industries Association	Regional Resource - Efficient Clothes Washer Rebate Program	\$901,503
Municipal Water District of Orange County	Industrial Process Water Use Reduction Program	\$237,841
L.A. Depart. Of Water & Power	Park Irrigation Efficiency Program	\$212,693
California Urban Water Conservation Council	Statewide Rebate Program for Cooling Tower Conductivity Controllers	\$205,474

DWR Drought Assistance Projects

Los Angeles, City of	Large Landscape "Smart Irrigation" Program	\$107,962
California Urban Water Conservation Council	Statewide Urban Water Agency One-Stop Rebate Program	\$734,438
City Los Angeles	Cooling Tower Conductivity Controller Replacement Program	\$205,643
West Sacramento, City of	Parks Irrigation Retrofit Program	\$190,690
Biggs-West Gridley Water District	Regional Water Measurement Program	\$29,378
Cathedral City, City of	Landscape Irrigation System Upgrade	\$21,681
Water Transfer Mitigation	Giant Garter Snake Study	\$10,000,000
Statewide water conservation Campaign	Water Conservation Education (Prop 84)	\$2,000,000
Richgrove Community Services District	Richgrove Water Meter Retrofit Program	\$70,320
Total - Ag and Urban Water Management Grants		\$43,999,744
Number of Grants: 126		
Prop 50 Integrated Regional Water Management - Implementation		
Los Angeles County Flood Control District	Greater Los Angeles IRWM	\$20,900,000
Pajaro Valley Water Management Agency	Pajaro River IRWM	\$20,900,000
Regional Water Authority	American River IRWM	\$20,900,000
San Luis and Delta Mendota Water Authority	Westside IRWM	\$20,900,000
Plumas County	Upper Feather IRWM	\$5,852,000
Bay Area Clean Water Agencies	San Francisco Bay Area IRWM	\$10,450,000
Northern California Joint Exercise of Powers	Sacramento Valley IRWM	\$8,033,960
Mojave Water Agency	Mojave IRWM	\$20,900,000
Butte County	Butte County IRWM projects	\$2,415,873
Siskiyou Resource Conservation District	Scott River Water Trust	\$133,760
San Diego County Water Authority	San Diego IRWM	\$20,900,000
County of Humboldt	North Coast IRWM	\$1,734,700
Total - IRWM		\$154,020,293
Number of Grants: 12		
Prop 50 Desalination Grant Program		
Board of Water Commissioners of the City of Long Beach	Under Ocean Floor Seawater Intake and Discharge Demonstration Project	\$1,349,900
Alameda County Water District	Phase 2 Brackish Groundwater Desalination Facility	\$1,889,860
City of San Diego	San Diego Formation Brackish G.W. Desalination Project - Phase II	\$168,535

DWR Drought Assistance Projects

Board of Water Commissioners of the City of Long Beach	Ultraviolet Light and Chlorine Dioxide Seawater Pretreatment Systems for Biogrowth Control and Pathogen Inactivation	\$674,950
Inland Empire Utilities Agency	Chino II Desalter Expansion	\$1,889,860
East Bay Municipal Utility District (EBMUD), on behalf of the Bay Area Regional Desalination Partnership	Bay Area Regional Desalination Project	\$168,573
Coachella Valley Water District	Coachella Valley Groundwater Desalination Project	\$402,888
West Basin Municipal Water District	Demonstration of Integrated Membrane Seawater Desalination using Single-Pass RO for the Los Angeles Region	\$1,012,425
City of San Diego	San Pasqual Brackish Groundwater Desalination Project - Phase III	\$1,012,425
Marin Municipal Water District	MMWD Desalination Plant	\$2,248,086
Regents of the University of California	UCLA Desalination Research Innovation Project	\$674,950
Regents of the University of California	Developing a Tool to Guide State and local Desalination Planning	\$613,564
Lawrence Livermore National Laboratory	Desalination Using Electrostatic Ion Pumping	\$672,044
City of Santa Cruz	Test Technology Innovations and Optimize Systems in the City of Santa Cruz Desalination Pilot Plant	\$1,338,157
Association of Monterey Bay Governments	Desalination Feasibility Study in the Monterey Bay Region	\$165,363
WaterReuse Foundation	Joint DWR-JwR&DTF Seawater and Brackish Water Research and Development Program	\$674,950
City of Sand City	Sand City Water Supply Project (SCWSP)	\$1,957,355
San Diego County Water Authority	Feasibility Study for Seawater Desalination at the San Onofre Nuclear Generating Station	\$168,738
Western Municipal Water District	Feasibility Study for the Expansion of the Arlington Desalter	\$168,732
Irvine Ranch Water District	Irvine Desalter Project and South Irvine Brine Line	\$202,485
Sweetwater Authority	Otay River Basin Brackish Groundwater Desalination Study, Phase 1	\$163,338
San Diego County Water Authority	Feasibility Study of a Regional Concentrate Conveyance Facility in San Diego County	\$168,738
East Bay Municipal Utility District	Bay Area Regional Desalination Project	\$640,730
Municipal Water District of Orange County	Test Slant Well - Pilot Plant Treatment and Testing Phase	\$1,012,425
Indian Wells Valley Water District	Pilot Testing of Zero-Liquid-Discharge Technologies Using Brackish Groundwater for Inland Desert Communities	\$390,459
Board of Water Commissioners of the City of Long Beach	Mitigating Water Quality Effects of Desalinated Seawater	\$674,950
Bureau of Reclamation, U.S. Department of Interior	Vertical Tube Evaporator Geothermal Desalination Demonstration Project	\$889,992
Affordable Desalination Collaboration	Optimizing Seawater Reverse Osmosis for Affordable Desalination	\$674,950
City of Camarillo	City of Camarillo Brackish Water Desalination Pilot Study	\$259,094
City of Avalon	Catalina Large Diameter Membrane SWRO Energy Reduction Project	\$674,950
West Basin Municipal Water District	Critical Raw Water Quality Issues Unique to Seawater: Marine Phytoplankton Blooms, their Associated Biotoxins, and Transient Urban Stormwater Inputs	\$335,101
Bureau of Reclamation	Development of New Chlorine-Resistant Reverse Osmosis membranes	\$336,583
University of California, Los Angeles	Advanced Monitoring, Optimization, and Control Technologies for High-Efficiency Membrane Desalination	\$337,475

DWR Drought Assistance Projects

Colorado School of Mines	Novel Hybrid Membrane Desalination Process with Minimal Pretreatment and Concentrate	\$337,446
Sweetwater Authority	Zero Discharge Solar Distillation Research and Development Project	\$324,988
Lawrence Livermore National Laboratory	Desalination Using Carbon Nanotube Membranes	\$168,295
City of Oxnard, Water Division	Blending Station No. 3 Desalter	\$126,216
City of Arroyo Grande	South San Luis Obispo County Desalination Funding Study	\$30,373
Total -Desalination Grant Program		\$24,999,942
Number of Grants: 38		
Grand Total - funded		\$240,019,979