

# Appendix E

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## Potential Opportunities for Financial Assistance



**POTENTIAL OPPORTUNITIES FOR FINANCIAL ASSISTANCE**

<b>Funding Objective</b>	<b>Agency</b>	<b>Program</b>	<b>Brief Description</b>	<b>Key Points</b>	<b>Eligibility</b>	<b>Submit Grant Application</b>	<b>Contact</b>
<b>Proposition 84 and 1E</b>							
Water Quality, Water Supply, Resource Stewardship	DWR	Integrated Regional Water Management (Round 2 and Round 3)	Prop 84 grant funds for development and revisions of IRWM plans and implementation of projects in IRWM plans.	\$1B budget, \$27M and \$36M allocated to the Lahontan and Colorado River Hydrologic Areas, respectively.	Public agencies and non-profit organizations (other groups may also receive funding if teamed with public agency or non-profit organization).	Applications submitted via the DWR Bond Management System. Round 3 Implementation anticipated to start in 2014.	Joe Yun (916) 653-9222 <a href="mailto:jyun@water.ca.gov">jyun@water.ca.gov</a>
Water Quality	DPH	Emergency Clean Water Grant Program	Prop 84 grant funds for projects that address emergency and urgent situations related to public drinking water systems.	Max grant amounts are \$50,000 for Part 1 and \$250,000 for Part 2 emergency projects.	Local water suppliers	Request for funds based on as needed basis.	DPH (916) 449-5600 <a href="mailto:dwpfunds@cdph.ca.gov">dwpfunds@cdph.ca.gov</a> ; Brian Kinney (916) 449-5630
Flood Management	DWR	Local Levee Assistance Program	DWR provides Prop 84 grant funds for projects that evaluate levees or other flood control structures including through geotechnical studies (not part of the State Plan of Flood Control) and for the design, repair and improvement of damaged levees or other flood control structures.	\$2M for Levee Evaluation; \$5M max for Critical Repair	Local public agencies	Applications accepted in periodic application cycles.	David Wright (916) 574-1191 <a href="mailto:dwright@water.ca.gov">dwright@water.ca.gov</a>
Flood Management	DWR	Flood Protection Corridor Program	Prop 84 and 1E grant funds for projects that reduce flood risk reduction using non-structural means and that include wildlife habitat enhancement and/or agricultural land preservation components.	Max \$5M per project	Local public agencies and non-profit organizations	Application via the DWR Bond Management System. Applications accepted in periodic application cycles.	David Wright (916) 574-1191 <a href="mailto:dwright@water.ca.gov">dwright@water.ca.gov</a>
Flood Management	DWR	Flood Control Subventions Program	Claims reimbursement grants for implementation of federally-authorized flood control projects and watershed protection flood prevention projects.	State cost-share between 50%-70%	Local public agencies	Claims are accepted on a continuous basis and paid based on available State funding.	Nahideh Madankar (916) 574-1459
Resource Stewardship	DWR	Urban Streams Restoration Program	Grants for projects that reduce urban flooding and erosion, restore environmental values, and promote stewardship of urban streams. Funds from Prop 84 and 13 allocations.	Max \$1M per project	Local public agencies and non-profit organizations	Applications accepted in periodic application cycles.	Amy Young (916) 651-9626 <a href="mailto:Amy.Young@water.ca.gov">Amy.Young@water.ca.gov</a>
<b>Proposition 50</b>							
Water Quality	DWR	Pilot and Demonstration Projects for Contaminant Removal Technologies	Treatment or removal technology for the following contaminants: Petroleum products, such as MTBE and BTEX, N-Nitrosodimethylamine (NDMA), Perchlorate, Radionuclides, such as radon, uranium, and radium, Pesticides and herbicides, Heavy metals, such as arsenic, mercury, and chromium, Pharmaceuticals and endocrine disrupters.	Project Funding: \$50,000-\$5M. No more than 30% of the funds can address a single contaminant. 50% match that can be waived for Disadvantaged Communities or small water systems.	Public water systems under DPH regulation.	Applications are accepted on an ongoing basis.	Steve Giambrone (916) 653-9722
Water Quality	DWR	Ultraviolet (UV) and Ozone Disinfection	Must address an Maximum Contaminant Level (MCL) compliance violation, surface water treatment microbial requirements, or other mandatory disinfection that can only be met by UV/ or ozone; the water system must demonstrate that it can operate and maintain the treatment facilities; ozone treatment projects shall be designed and operated to minimize residual disinfection byproduct formation from the ozone treatment.	Project Funding: \$50,000-\$5M; 50% match that can be waived for Disadvantaged Communities or small water systems.	Public water systems under DPH regulation.	Applications are accepted on an ongoing basis.	Steve Giambrone (916) 653-9722

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<b>Other</b>							
Resource Stewardship	CA Dept of Conservation	California Farmland Conservancy Program	Funding is provided to support long-term private stewardship of agricultural lands through the use of agricultural conservation easements.	There are no minimum or maximum funding levels for individual grants. A minimum match of 5% or 10% is required, depending on grant type.	Local governments and non-profits which have conservation of agricultural lands among their defined purposes.	Applications are reviewed on a continuous basis.	<a href="mailto:cfcf@consrv.ca.gov">cfcf@consrv.ca.gov</a>
Resource Stewardship	CA State Parks	Habitat Conservation Fund	Funds to support nature interpretation and other non-capital outlay programs which bring urban residents into park and wildlife areas, to protect various plant and animal species or to acquire or develop wildlife corridors and trails.	Approximately \$2M is available annually.	Cities, counties, districts.	Applications are due annually by mail on the first work day in October.	(916) 653-7423 <a href="mailto:localservices@parks.ca.gov">localservices@parks.ca.gov</a>
Resource Stewardship, Recreation	CA State Parks	Land and Water Conservation Fund	This program helps fund projects that include acquisition or development of outdoor recreation areas and facilities. Priority development projects include trails, campgrounds, picnic areas, natural areas and cultural areas for recreational use.	This is a reimbursement only program with a minimum match requirement of 50%. There are no minimum or maximum award amounts.	Under the local agency program: Cities, counties and districts authorized to acquire, develop, operate and maintain park and recreation areas.	Applications accepted in periodic application cycles.	(916) 653-7423 <a href="mailto:localservices@parks.ca.gov">localservices@parks.ca.gov</a>
Resource Stewardship	CA WCB	Ecosystem Restoration on Agricultural Lands	This program is intended to financially assist landowners in developing wildlife friendly practices on their properties that can be sustained and co-exist with agricultural activities.	Grant typically ranges from \$75,000 to \$500,000.	Nonprofit conservation organizations; federal, state or local government agencies.	Applications accepted on a continuous basis.	John P. Donnelly (916) 445-8448 <a href="mailto:John.Donnelly@wildlife.ca.gov">John.Donnelly@wildlife.ca.gov</a>
Resource Stewardship	CA WCB	Habitat Enhancement and Restoration Program	Financial assistance is provided for the restoration and enhancement of fish and wildlife resources, including native fisheries restoration, restoration of wetlands, in-stream restoration projects and other projects that improve the quality of native habitat throughout the state.	Approximately \$1M is available annually.	Cities, counties, nonprofit organizations, special districts and state entities.	Applications are accepted on a continuous basis.	Peter Perrine (916) 445-1109 <a href="mailto:Peter.Perrine@wildlife.ca.gov">Peter.Perrine@wildlife.ca.gov</a>
Resource Stewardship	CA WCB	Rangeland, Grazing Lands and Grassland Protection Program	This program provides funding to achieve the objectives of the California Rangeland, Grazing Land and Grassland Protection Program. Projects must protect the integrity of the rangeland, grazing lands and grasslands.	There is no minimum or maximum grant request.	Private landowners, local public agency, special district, resource conservation district, joint powers authority, nonprofit organization or state agency.	Applications accepted on a continuous basis.	John P. Donnelly (916) 445-8448 <a href="mailto:John.Donnelly@wildlife.ca.gov">John.Donnelly@wildlife.ca.gov</a>
Resource Stewardship	CA WCB	California Riparian Habitat Conservation Program	Funding is to protect, preserve, restore, and enhance riparian habitat throughout California.	There is no minimum or maximum grant request.	Local agencies, nonprofit organizations, state departments and federal agencies.	Applications accepted on a continuous basis.	Terry Roscoe (916) 323-0280 <a href="mailto:terry.roscoe@wildlife.ca.gov">terry.roscoe@wildlife.ca.gov</a>
Energy Efficiency	CEC	Energy Efficiency Financing	Low interest loan financing for energy efficiency projects, feasibility studies, and implementing energy-saving and renewable energy measures. Projects may include pumps and motors, water and wastewater treatment equipment, lighting systems and more.	There is no min loan amount. Max loan amount is \$3M per application. 1% interest rate.	Cities, counties, special districts, public schools and colleges, public care institutions, public hospitals.	Applications are accepted on an ongoing basis.	<a href="mailto:pubprog@energy.ca.gov">pubprog@energy.ca.gov</a> (916) 654-4104

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Energy Efficiency	CEC	Geothermal Resources Development Account	Funding under this program supports all aspects of geothermal research, resources development, demonstration, commercialization, planning, environmental enhancement and impact mitigation.	There are no minimum or maximum funding levels. 50% match is required.	Private entities, local jurisdictions including cities, counties, school districts, special districts, regional planning agencies, and public utility districts (may not generate more than 50 MW of electricity for sale).	Solicitations are generally offered every other year.	Contact varies by solicitation. See website: <a href="http://www.energy.ca.gov/contracts/geothermal.html">http://www.energy.ca.gov/contracts/geothermal.html</a>
Water Quality	CDPH	Safe Drinking Water State Revolving Fund	Provides low interest loans or grants to assist public water systems in achieving or maintaining compliance with the SDWA. Project include water treatment facilities, replace aging infrastructure, planning studies, consolidation of water systems, source water protection, etc. Projects must be needed to comply with SDWA. Consolidation Incentives Program available.	Up to \$500,000 per planning study; \$20M per project and a max of \$30M per entity. Disadvantaged system can obtain a zero interest loan.	Public Water System	Pre-application are submitted in order to be placed on the project priority list. Applications are for loans; financial review determines if grant funds apply. Pre-applications are accepted on an ongoing basis.	<a href="mailto:dwpfunds@cdph.ca.gov">dwpfunds@cdph.ca.gov</a> (916) 449-5600
Water Quality	DWR	Drainage Reuse Program	Funds for research and study projects that develop methods for reusing subsurface agricultural drainage.	Maximum of \$200,000 per project.	Public agencies and universities.	Applications accepted in periodic application cycles.	Margaret Dutton (559) 230-3303 <a href="mailto:Margaret.Dutton@water.ca.gov">Margaret.Dutton@water.ca.gov</a>
Water Supply	DWR	New Local Water Supply Construction Loans	Eligible projects include a canal, dam reservoir, desalination facility, groundwater extraction facility, or other construction or improvement, including rehabilitation of a dam for water supply purposes by a local public agency for the diversion, storage, or distribution of water which will remedy existing water supply problems.	Loans: \$5M max per construction project, \$500,000 max per feasibility project. The interest rate is equal to the rate that the State pays on the general obligation bonds sold to finance the program.	Local Public Agencies	Continuously accepting applications.	Jerry Snow (916) 651-9264 <a href="mailto:glsnow@water.ca.gov">glsnow@water.ca.gov</a>
Water Quality	DWR	Water Desalination	This program helps create new or alternative potable water supplies from saline water that is not currently being beneficially used. Funding is available for construction projects, pilot studies, feasibility studies, environmental documentation and research.	Max grant amounts range from \$250,000 to \$3M depending on project type.	Cities, counties, joint powers authorities, special districts, tribes, state agencies, federal agencies, non-profits.	Applications accepted in periodic application cycles.	Richard Mills (916) 651-0715 <a href="mailto:Richard.Mills@water.ca.gov">Richard.Mills@water.ca.gov</a>
Flood Management, Water Quality, Water Supply	FEMA	Pre-Disaster Mitigation	Grants are available for developing Local Hazard Mitigation Plans (LHMPs) and for implementing mitigation projects prior to a disaster event, including but not limited to structure demolition or relocation, structural retrofitting, and minor localized flood reduction projects.	Grant max \$800,000 for hazard mitigation plans and \$3M for mitigation projects. 25% non-federal cost-share requirement.	Local governments, state-level agencies, federally and state-recognized tribes, public and Indian tribal colleges and universities.	Notices of Interests are accepted by Cal EMA. Contact agency or check website for updates prior to submittal. Federal funding becomes available annually.	Kirby Everhart (916) 845-8150 <a href="mailto:Kirby.everhart@caloes.ca.gov">Kirby.everhart@caloes.ca.gov</a>
Water Supply	HUD	Community Development Block Grant Program	Grants are available with a program emphasis on creating or retaining jobs for low income workers in rural communities.	The amount of each entitlement grant is determined based on a formula. Grant award limits under the non-entitlement program typically average \$1,500,000.	City with less than 50,000 residents and County jurisdictions with less than 200,000 residents in unincorporated areas.	Notices of funding availability scheduled for release in January each year. Upon release, applications are continuously received and reviewed throughout the year. Awards are made on an ongoing basis.	Thomas Brandeberry 916-327-3613 <a href="mailto:tbrandeberry@hcd.a.gov">tbrandeberry@hcd.a.gov</a>

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Water Quality	I-Bank	Infrastructure State Revolving Fund Program	The California Infrastructure and Economic Development Bank provides loans for construction and/or repair of publicly owned water supply, treatment and distribution systems, and drainage, and flood control facilities. Loans are also available for public infrastructure, such as solid waste collection and disposal, environmental mitigation, as well as projects such as parks and recreational facilities and public safety facilities.	Loans range from \$50,000 to \$250M per project with a 30 year term. One-time origination fees and annual fees apply.	Local Municipal Entity	Applications are accepted on a continuous basis. The process is initiated by directly contacting the ISRF program contacts at <a href="http://ibank.ca.gov">ibank.ca.gov</a> .	Ruben Rojas (916) 322-6314 <a href="mailto:Ruben.Rojas@ibank.ca.gov">Ruben.Rojas@ibank.ca.gov</a> ; Marilyn Munoz (916) 324-1299 <a href="mailto:Marilyn.Munoz@ibank.ca.gov">Marilyn.Munoz@ibank.ca.gov</a>
Water Quality	SWRCB	Clean Water State Revolving Fund	Low-interest loans and other financing mechanisms are available for wastewater treatment facility construction projects and expanded use projects that include nonpoint source and estuary projects.	No maximum funding amount. Max financing term is 20 years and up to 30 years for small DACs.	Public Agencies, non-profit organizations, Native American tribes.	Applications are accepted on a continuing basis.	<a href="mailto:CleanWaterSRF@waterboards.ca.gov">CleanWaterSRF@waterboards.ca.gov</a> (916) 327-9978
Water Quality	SWRCB	Federal CWA 319(h) Program (Nonpoint source grant program)	Funding to support projects throughout the State that reduce, eliminate, or prevent water pollution resulting from polluted runoff and that enhance water quality in impaired waters.	Funding for planning projects: \$75,000 and \$125,000. Funding for implementation projects: \$250,000 and \$750,000. 25% local match required; may be waived for DACs and small water systems.	Public agencies, public colleges, 501(c)(3) non-profit organizations, tribes, state and federal entities.	Applications accepted in periodic application cycles. During the project solicitation process, applicants submit a brief concept proposal via FFAST. Applicants with the highest-ranking proposals will be invited to submit a full proposal.	Melenee Emanuel (916) 341-5271 <a href="mailto:memanuel@waterboards.ca.gov">memanuel@waterboards.ca.gov</a> ; Patricia Leary (916) 341-5167 <a href="mailto:pleary@waterboards.ca.gov">pleary@waterboards.ca.gov</a>
Water Supply	SWRCB	Water Recycling Funding Program	Grants are provided for facilities planning studies to determine the feasibility of using recycled water to offset the use of fresh/potable water from state and/or local supplies. Water recycling construction projects that meet objectives of the CALFED Bay-Delta Program are eligible to compete for Proposition 50 grant funds.	Grants for planning studies will cover 50% of eligible costs, up to \$75,000. Grants for construction will cover up to 25% of costs or \$5M (whichever is less). Construction projects not eligible for grants may also apply for loans under the SRF loan program.	Public agencies	Applications accepted on continuous basis.	Dan Newton (916) 324-8404
Water Quality	SWRCB	Cleanup and Abatement Account	This account generally provides public agencies with grants for emergency cleanup or abatement of conditions of pollution where no viable responsible parties are available to undertake the work. Use of funds are limited to activities specified by the State Water Board and include among other things, waste cleanup and abatement of effects of a waste, and remedying a significant water pollution problem.	Funding is determined on a case by case basis by the State Water Board.	Public agencies with authority to cleanup or abate a waste.	Requestors must first contact the State Water Board or submit an online application using FFAST. Requests can be made on an ongoing basis.	Ruben Mora or Mark Fong (916) 341-5387
Water Quality	SWRCB	Agricultural Drainage Loan Program	This program provides loans, from the Water Conservation and Water Quality Bond Law of 1986, to fund treatment, storage, conveyance, or disposal of agricultural drainage water.	Funding cap is \$20 M for implementation projects and \$100,000 for feasibility studies. Rates are set at 1/2 of the State's General Obligation bond rate.	City, county, district, joint powers authority or other political subdivision of the State involved with water management.	Applications are accepted on a continuous basis.	Conny Mitterhofer (916) 341-5720 <a href="mailto:cmitterhofer@waterboards.ca.gov">cmitterhofer@waterboards.ca.gov</a>

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Water Quality	SWRCB	Agricultural Drainage Management Loan Program	This program provides loans, from Proposition 204, to fund treatment, storage, conveyance, or disposal of agricultural drainage water.	Funding cap is \$5M for implementation projects and \$100,000 for feasibility studies. Rates are set at 1/2 of the State's General Obligation bond rate.	City, county, district, joint powers authority or other political subdivision of the State involved with water management.	Applications are accepted on a continuous basis.	Conny Mitterhofer (916) 341-5720
Water Quality	SWRCB	Underground Storage Tank Cleanup Fund	Funds are available to provide a means for petroleum UST owners and operators to meet the federal and state requirements. The Fund also assists a large number of small businesses and individuals by providing reimbursement for unexpected and catastrophic expenses associated with the cleanup of leaking petroleum USTs.	Loans are available in amounts up to \$1.5M, depending on project and special program.	Various entities depending on special program.	Applications are accepted on a continuous basis.	Judy Reid (916) 341-5760
<b>FEDERAL</b>							
Water Quality	USEPA	Source Reduction Assistance	This program helps fund projects that reduce or eliminate pollution at the source. These include projects that promote pollution prevention/source reduction, resource conservation practices relating to gathering or transferring information or advancing awareness.	Award amounts typically range from \$25,000 to \$75,000.	States, US Possessions, federally recognized Tribes, local governments, independent school district governments, higher education institutions, non-profit organizations.	Applications accepted in periodic application cycles. Region participation depends on specific request for proposal (Region 9 did not participate in 2013 RFP).	John Katz (415) 972-3283 <a href="mailto:katz.john@epa.gov">katz.john@epa.gov</a> ; Jessica Counts-Arnold (415) 972-3288, <a href="mailto:counts-arnold.jessica@epa.gov">counts-arnold.jessica@epa.gov</a>
Water Quality and Resource Stewardship	USEPA	Wetland Program Development Grants	Projects that promote the coordination and acceleration of research, investigations, experiments, training, demonstrations, surveys, and studies relating to the causes, effects, extent, prevention, reduction, and elimination of water pollution. Three priority areas are: Developing a comprehensive monitoring and assessment program; improving the effectiveness of compensatory mitigation; and refining the protection of vulnerable wetlands and aquatic resources.	Award range depends on funding availability. YF 2014 amounts ranged from \$75,000 to \$200,000. 25% match required.	States, tribes, local governments, interstate associations, intertribal consortia, and national non-profit, non-governmental organizations are eligible to apply.	Applications accepted in periodic application cycles.	Suzanne Marr USEPA Region 9 (415) 972-3468
Resource Stewardship	USEPA and other partners	Five Star Restoration Program	This program provides challenge grants, technical support and opportunities for information exchange to facilitate community-based wetland, riparian and coastal habitat restoration projects. Project sites may be public or private land.	Average grant awards range from \$25,000 to \$35,000. 50% match required,	Schools, youth groups, public, private or corporate landowners, local, state and federal government agencies, local non-profit organizations, etc.	Applications generally open in late fall, with award notification in late spring.	Claire Thorp (415) 243-3104 <a href="mailto:claire.thorp@nfwf.org">claire.thorp@nfwf.org</a>
Resource Stewardship, Water Quality	USEPA	Urban Waters Small Grants	This program helps fund research, studies, training, and demonstration projects that will advance the restoration of urban waters by improving water quality through activities that also support community revitalization and other local priorities	Grant awards are limited to \$60,000, with a \$2,500 minimum cost share requirement.	States, local governments, territories, Indian Tribes, public and private universities and colleges, public or private nonprofit institutions, and interstate agencies.	Applications accepted in periodic application cycles.	website: <a href="http://www2.epa.gov/urbanwaters/urban-waters-small-grants">http://www2.epa.gov/urbanwaters/urban-waters-small-grants</a>

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Resource Stewardship, Water Quality	NFWF	Environmental Solutions for Communities	The National Fish and Wildlife Foundation together with Wells Fargo, provide grants to help communities create a more sustainable future with highly-visible projects that link economic development and community well-being to the stewardship and health of the environment.	Grant awards typically range from \$25,00 to \$100,000 with an average grant amount of \$40,000.	Non-profit 501(c) organizations, educational institutions, and state, tribal or local governments.	Requests for Proposals are released annually around Fall.	Carrie Clingan (202) 595-2471 <a href="mailto:carrie.clingan@nfwf.org">carrie.clingan@nfwf.org</a>
Resource Stewardship	National Park Service	Rivers, Trails, and Conservation Assistance Program	The program provides technical and staff assistance to design trails and parks, conserve and improve access to rivers, protect special places, and create recreation opportunities.	RTCA does not provide monetary grants or loans.	Nonprofits, community groups, tribes, or tribal governments; and state or local government agencies.	Applications are due August 1st for assistance during the next fiscal year. <a href="http://www.nps.gov/rtca/">http://www.nps.gov/rtca/</a>	Anne Dove (323) 441-9307 <a href="mailto:anne_dove@nps.gov">anne_dove@nps.gov</a> ; Patrick Johnston (323) 441-2117 <a href="mailto:patrick.johnston@nps.gov">patrick.johnston@nps.gov</a> ; MaLisa Martin (323) 276-0968 <a href="mailto:malisa_martin@nps.gov">malisa_martin@nps.gov</a>
Water Quality, Water Supply	USDA Rural Development	Emergency Community Water Assistance Grants	Funding to assist rural communities (of up to 10,000 people) that have experienced a significant decline in quantity or quality of drinking water due to an emergency, or in which such decline is considered imminent, to obtain or maintain adequate quantities of water that meets the standards set by the Safe Drinking Water Act	Funding limits of \$150,000 or \$500,000 depending on project type.	Public bodies, non-profit corporations and Indian tribes.	Applications accepted on a continuous basis and Rural Development State and Area Offices.	Jacqueline M. Ponti-Lazaruk (202) 690 - 2670 <a href="mailto:jacki.ponti@wdc.usda.gov">jacki.ponti@wdc.usda.gov</a>
Water Quality	USDA Rural Development	Water and Waste Disposal Program	Program that provides financial assistance (loans and grants) for community water, wastewater, and drainage systems in rural areas, communities with a population up to 10,000. Funds may be used for planning, design, and construction of new or existing systems; eligible projects include storage, distribution, source development.	No funding limits, but average project size is \$3-5M. Greater funding share provided for low-income communities. Grants may be made for up to 75% of eligible project costs.	Public bodies, non-profit corporations and Indian tribes. Must demonstrate financial need.	Applications accepted on a continuous basis at Rural Development State and Area Offices.	Dave Hartwell (530) 792-5818 <a href="mailto:Dave.Hartwell@ca.usda.gov">Dave.Hartwell@ca.usda.gov</a>
Water Quality, Water Supply, Other	USDA Rural Development	Community Facility Grants	Funding is provided to assist in the development of essential community facilities in rural areas and towns of up to 20,000 people. Grant funds can be used to construct, enlarge, or improve community facilities, including for community and public services, health care, and public safety.	Grant amounts depend on median household income, population in the community, and availability of grant funds. Grant assistance may be available for up to 75% or of project costs.	Public entities, non-profit corporations and tribal governments.	Applications accepted on a continuous basis at the applicable local Rural Development Office.	Dave Hartwell (530) 792-5818 <a href="mailto:Dave.Hartwell@ca.usda.gov">Dave.Hartwell@ca.usda.gov</a>
Resource Stewardship	USDA Natural Resources Conservation Service	Environmental Quality Incentives Program	Funding to promote agricultural production, forest management, and environmental quality as compatible goals; optimize environmental benefits; and help farmers and ranchers meet environmental regulations.	Financial and technical assistance is provided. Total EQUIP contract amount cannot exceed \$300,000 during a 6-year period.	Owners of land in agricultural or forest production or persons who are engaged in livestock, agricultural or forest production on eligible land and that have a natural resource concern on the land.	This is a continuous sign-up program.	Holly Johnson Shiralipour (760) 843-6882 <a href="mailto:Holly.Shiralipour@ca.usda.gov">Holly.Shiralipour@ca.usda.gov</a>



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Water Supply	USBR	WaterSMART Challenge Grant Programs	Reclamation provides 50/50 cost share funding to irrigation and water districts and states for projects focused on water conservation, efficiency, and water marketing. Past and proposed programs have included Water and Energy Efficiency Grants, Advanced Water Treatment Pilot and Demonstration Projects, Grants to Develop Climate Analysis Tools.	Matching funds are required. Applicants must provide a minimum 50% of project costs in non-Federal cash or in-kind resources.	Eligible applicants include irrigation and water districts, state governmental entities with water management authority. Projects must be located in Western US.	Funding opportunities vary depending on available program funding.	Dean Marrone (303) 445-3577 <a href="mailto:dmarrone@usbr.gov">dmarrone@usbr.gov</a> ; Josh German (303) 445-2839 <a href="mailto:jgerman@usbr.gov">jgerman@usbr.gov</a> ; David Murillo (916) 978-5100
Water Supply	USBR	Desalination and Water Purification Research and Development	Funds are provided for research and development projects to augment usable water supplies, understand environmental impacts of desalination and develop approaches to minimize impacts, and develop approaches to lower financial costs of desalination.	Award max is \$150,000 for research and laboratory studies, and \$200,000/year for pilot scale projects. 75% cost share required.	Individuals, institutions of higher education, commercial or industrial organizations, private entities, public entities and Indian Tribal Governments.	Applications are solicited on an annual basis.	Yuliana Porrás-Mendoza <a href="mailto:yporrasmendoza@usbr.gov">yporrasmendoza@usbr.gov</a>
Resource Stewardship	USFWS	North American Wetlands Conservation Act	The Small Grants Program provides funding, up to \$75,000, for projects that provide long-term protection of wetlands and wetlands dependent fish and wildlife. Funding available under the Standard Grants Program averages \$40M annually for the US and is provided to projects exceeding \$75,000 per proposal.	Partners must provide 50% match.	Organizations and individuals who have developed partnerships to carry out wetlands conservation projects in the US, Canada, and Mexico. Small Grants only apply to the US	Applications accepted on continuous basis. Proposals may be submitted at any time during before the fiscal year deadline.	Division of Bird Habitat Conservation (703) 358-1784 <a href="mailto:dbhc@fws.gov">dbhc@fws.gov</a> ; Joint Venture Coordinator: Robert Mesta <a href="mailto:robert_mesta@fws.gov">robert_mesta@fws.gov</a> ; Small Grants Program Coordinator: Rodecia McKnight (703) 358-2266
Resource Stewardship	USFWS	Partners for Fish and Wildlife Program	Cost-share funding and technical assistance for private land owners and their local partners to restore streams, wetlands and other native habitat on private property.	Max funding request is \$25,000; min 50% non-federal match.	Private landowners or someone working on their behalf, including resource conservation district, land trust, non-profit or for-profit organization, county, municipality or local watershed group, etc.	Projects are developed year round and funding decisions are generally made by March.	Carrie Thompson (916) 414-6446 <a href="mailto:Carrie_Thompson@fws.gov">Carrie_Thompson@fws.gov</a>

