

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Alameda	0105010	EBRPD - Del Valle Regional Park	001	Del Valle Water Treatment Plant	0	\$1,500,000	O	The Del Valle Water Treatment Plant is very old, fragile and requires renovation. Recent and periodic turbidity spikes of the finished water have exceeded state water standards of 0.3 NTU's. The elevated turbidity levels result in concern over adequate di	The Del Valle Water Treatment Plant currently utilizes conventional filtration to render potable water supply for a very popular park in Livermore. This project will install appropriate equipment utilizing membrane filtration technologies (either ultra or	San Francisco District
Amador	0310003	AWA Sutter Creek	008	lone Raw Water Conveyance Conversion Project	25	\$1,500,000	C	In the 1850's a ditch system was constructed to convey raw water to various areas of Amador County. These ditch systems for years conveyed the only source of water for residents, ranches and businesses in the Sutter Creek - lone and other community area	The Agency has completed a feasibility study and has determined that the best solution is to consolidate the lone and Tanner Water Treatment Plants (WTP) at the Tanner Site. This consolidation would be through the construction of a new Regional WTP facil	Stockton District
Amador	0310003	AWA Sutter Creek	009	Small Diameter Pipeline Ditch Conveyance Conversion Project	5	\$4,700,000	O	The Amador Canal conveyance system is a 23 mile open ditch system from Lake Tabeaud to the Tanner Water Treatment Plant (WTP) in Sutter Creek. The source is the Mokelumne River via Lake Tabeaud. The system was originally built in the 1850's to convey ra	The project would pipe the existing 23 mile canal to continue unfiltered-raw water service intended for agricultural uses. Piping the canal would continue to sustain the current service by maintaining pressures and reliability. Additionally, piping the	Stockton District
Amador	0310012	AWA Buckhorn Plant	004	CAWP - Gravity Supply Line Conveyance Project	5	\$12,666,655	M	The Buckhorn Water Treatment Plant (WTP) source water is received via a siphon diversion from the PG&E Tiger Creek Afterbay on the Mokelumne River at an elevation of 2330 feet. The water is conveyed through the 30+ year old Central Amador Water Project (The project would complete environmental requirements, right-of-way acquisition, construction plans and specifications together with construction of the CAWP Gravity Supply Line (GSL) Conveyance Project. The project consists of 30,000± to 33,000± linear	Stockton District
Amador	0310012	AWA Buckhorn Plant	005	Bosse-Previtali Untreated Raw Ditch Conveyance Treated Water Conversion Project	5	\$3,000,000	C	The Amador Canal conveyance system is a 23 mile open ditch system from Lake Tabeaud to the Tanner Water Treatment Plant (WTP) in Sutter Creek. The source is the Mokelumne River via Lake Tabeaud. The system was originally built in the 1850's to convey ra	The project would provide treated water from the Agency's Central Amador Water Project (CAWP) to a 10 mile cluster residential area along the existing Amador Canal. The CAWP treated water system is located a distance of 1 to 6 miles from this canal area.	Stockton District
Amador	0310012	AWA Buckhorn Plant	006	CAWP - Buckhorn WTP Disinfection Bi-Products Compliance	5	\$330,000	I	The Buckhorn Water Treatment Plant (WTP) provides both retail and wholesale domestic service to communities in the Eastern part of Amador County. Currently 2- of the Wholesalers have been cited by the Department of Health Services for non-compliance of H	The project proposes to install a UV system at the WTP and 3- post Chlorine Stations within the system. This will reduce the chlorine dosage at the WTP and will therefore conform to the Disinfection Bi-Product Requirements	Stockton District
Amador	0310021	Amador County Service Area #3/Unit 6	003	Camanche Water Quality Compliance - Disinfection Bi-Products Requirement Improvements	0	\$315,000	F	The North Shore Lake Camanche Ground Water System has had a history of issues with Ground Water Wells. This past year the Department of Health Services required the Agency to establish a new source for the service area prior to any additional connectio	The project proposes to construct a direct tie from the Wells 9 and 14 to the Storage Tank 9 which will provide the required Contact Time to meet Chlorine Disinfection Bi-Product requirements prior to domestic service.	Stockton District
Calaveras	0500028	SHERMAN ACRES MUTUAL WATER ASN	001	Sherman Acres Mutual Water Assoc. - Pipeline Replacement & Well	0	\$2,000,000	M	Water system is composed of aging PVC pipe installed in the early 70s with volunteer labor. The system was poorly designed and is not looped per modern construction standards. There are multiple dead end lines without adequate flush outs/blow-offs.	Project will consist of two phases:1. Replacement of water mains - all mains (approx 8500) will be replaced with modern pipe and the system will be engineered and designed to meet all modern codes and standards.2. Development of a back-up well - a se	Stockton District
Contra Costa	0707501	ANGLER'S RANCH #3	001	Submersible well pump and water storage improvement	0	\$78,800	O	Low water pressureLack of storageNeed for meters to encourage conservation of water	Increase water pressureIncrease storage capabilityEncourage conservation by installing metersImproves water pressure by use of submersible pumpIncreases storage by adding storage tanksInstalling meters to charge by volumn of water used	San Francisco District
Colusa	0800532	Big Rock C.S.D.	003	Replace Water Storage Tanks	20	\$450,000	O	The Big Rock CSD currently owns two Redwood storage tanks that are about 300 yards distant from each other on a hillside, which cycle water during the summertime about every four or five days. A 100,000 gallon tank was built in 1971 and is leaking at the	The Special District needs to replace the 100,000 gallon Redwood tank with a 215,000 gallon or larger steel tank. The 50,000 gallon Redwood tank must be replaced with a 100,000 gallon or larger steel tank. The aging water distribution lines between them	Klamath District

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Colusa	0800532	Big Rock C.S.D.	004	Engineer a Plan to Replace or Improve the Existing Infrastructure	20	\$800,000	O	The Big Rock CSDs water distribution system was installed in 1971 to satisfy the residential, commercial, and fire-suppression needs of the Township of Hiouchi. It has been improved to a small extent over the years, but is generally nearing the end of i	The Special Districts water source is the Smith River, a wild and scenic body of water that is not fully allocated, and our allocation limit is a little over 41 million gallons per year. An application with the California Water Resources Control Board	Klamath District
Colusa	0800532	Big Rock C.S.D.	005	Permit and Construct Replacement Infrastructure	20	\$2,450,000	O	The Big Rock CSDs water distribution system was installed in 1971 to satisfy the residential, commercial, and fire suppression needs of the Township of Hiouchi. It has been improved to a small extent over the years, but is generally nearing the end of i	The precise scope of construction is not entirely definable at this juncture, for an engineering plan must be developed. However, it is estimated that the Special District owns and operates about 10 miles of water distribution lines, 40 main valves, 15 b	Klamath District
El Dorado	0990002	South Tahoe Public Utility District - Re	001	Arsenic Treatment for South Tahoe Public Utility District	0	\$3,062,070	G	Water quality measured over the last several years indicates that groundwater at STPUD Arrowhead Well No. 3 has arsenic concentrations that exceed the 0.010 milligrams per liter (mg/L) National Primary Drinking Water Standard Maximum Contaminant Level (MC	The project is a 1,000-gallon per minute (gpm) arsenic treatment facility for the South Tahoe Public Utility District (District) to treat groundwater from the existing Arrowhead Well No. 3. The design basis for the facility was based on pilot testing resu	Sacramento District
Fresno	1000170	CAMP FRESNO WATER SYSTEM	002	Camp Fresno Water System Improvements	0	\$200,000	M	Camp Fresno is a family oriented facility located along Dinkey Creek in the Sierra Nevada Mountains, in Fresno County, California. Since 1926, the City of Fresno has held a lease agreement with the U. S. Forestry Department for Camp Fresno, a 34 a	The project will include engineering and development of plans and specifications, and the construction and installation of a new water distribution system to serve Camp Fresno, including fire hydrants. The project will remove the current deteriorated two	Visalia District
Fresno	1010025	PARLIER, CITY OF	003	Integrated Well Storage and Distribution System	0	\$1,200,000	L	The City currently has sufficient water supply and distribution when all wells are online. The problem comes when some wells must be shut down because of elevated DBCP levels. The DBCP levels range from .22 - .41. The current State Maximum Contaminant	The City is adding an additional well and a storage tank to meet peak demands and fire flow. The problem comes when some wells must be shut down because of elevated DBCP levels. The DBCP levels range from .22 - .41. The current State Maximum Contamin	Merced District
Fresno	1010027	REEDLEY, CITY OF	001	Elevated Water Storage Towers	0	\$9,000,000	M	The City of Reedleys water system currently has storage capacity for 100,000 gallons to serve a population of 24,000 + with over 5,000 service connections. This is inadequate storage for fire protection and for an extended City wide power outage, this w	The project will allow for two 1.5 million gallon elevated Hydro-towers to be located at the north end of the City and the east end to stabilize pressures and provide the City with more than 24 hours of water storage capacity. These towers will be design	Merced District
Fresno	1010042	MALAGA COUNTY WATER DISTRICT	008	Replacement Well for Well No. 3	0	\$1,740,000	L	Water quality from Well No. 3 exceeds the maximum contaminant level (MCL) for DBCP as defined in Section 64445.1 (c)(5)(B) of Title 22, California Code of Regulations. The MCL is 0.2 and the well produces water in concentrations that exceed 0.3 microgm/l	The project consists of acquiring a new well site, drilling a test well, design and construction of new well, connection to the water distribution system, and abandonment of Well No. 3.	Merced District
Fresno	1010042	MALAGA COUNTY WATER DISTRICT	009	Replacement Well for Well No. 5	0	\$1,740,000	L	Water quality from Well No. 5 exceeds the maximum contaminant level for DBCP as defined in Section 64445.1 (c)(5)(B) of Title 22, California Code of Regulations. The MCL is 0.2 microgm/l (ppb) and the well produces water in concentrations of 0.62 microgm	The project consists of acquiring a new well site, drilling a test well, design and construction of a new well, connection to the water distribution system, and abandonment of Well No. 5.	Merced District
Humboldt	1200538	Myers Flat M.W.S. Inc.	004	Court Mandated new well for Myers Flat	0	\$515,000	O	We lost our 99 year lease in a court action and must have a new well site.	This project would include: land purchase, groundwater study, well development (including a pump house), well pump and motor, supply pipeline to our storage tank, electrical to site and a control and monitoring system.	Klamath District
Humboldt	1200538	Myers Flat M.W.S. Inc.	005	Replace trusses and roof on storage tank	0	\$178,400	D	DDW has requested that we replace the roof immediately, if not sooner. Our metal roof has been repaired so many times that it will not hold screws. We have been advised that we need to build a new roof with vents to prevent the wood from rotting.	This project includes: new trusses, new roof and a seismic shut-off valve	Klamath District

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Humboldt	1210017	Manila Community Services Dist.	002	Manila Community Services District 2007 Pre-Application	0	\$175,000	M	Our current capacity is 100,000 gallons, but according to Department of Health Services (DHS) last annual report by Ronnean Lund December 8th, 2005 we are well below the recommended DHS standard water storage capacity. According to Craig Bunas of DHS o	In order to meet the state dictated compliance and prepare for expected growth of the community the district proposes to build an additional 100,000 gallon storage tank of steel construction with additional piping from the booster pump station and existi	Klamath District
Imperial	1310013	Seeley CWD	002	Seeley County Water District TTHM Reduction Project	20	\$460,000	G	The SCWD is a small community water system that supplies water for domestic purposes to approximately 2,500 permanent residents through 484 service connections. The water system operates 24 hours daily based on system demand. On February 9th, 2007, the S	All of the proposed work will be located at the existing water treatment plant. The project will include the installation of piping to place the storage tanks in series aerators in the raw water ponds, pressurized pre-filters and pumps. Also included in	San Diego District
Inyo	1400066	ASPENDELL MUTUAL WATER COMPANY	001	White Pine water line upgrade and fire hydrant	0	\$16,700	M	Aspendell is a mountain community at 8,500 foot elevation surrounded by National Forest which is considered a high threat area for wildfires. the project is a water line on White Pine Street which is a one inch line serving three customers. the water pr	The project is our number one priority. It will involve trenching to at least four feet in depth due to sub-zero temperatures for a distance of 600 feet, then laying four inch PVC pipe from an existing valve to the end of the line and the new fire hydran	San Bernardino District
Inyo	1400066	ASPENDELL MUTUAL WATER COMPANY	002	Aspendell culdesac drain valves	0	\$6,990	O	The community of Aspendell is in the Eastern High Sierra Mountains at an elevation of 8500 feet surrounded by National Forest. In past years almost half of the homes were occupied by full time residents using water on a daily basis. Mpre recently, the h	This project involves digging out the end of the water lines on each cul de sac and installing a drain valve. Primary equipment needed would be a backhoe.	San Bernardino District
Inyo	1410001	CITY OF BISHOP	001	Emergency Interconnection with Indian Creek Community Services District	25	\$619,000	L	City of Bishop's Well 1 cannot be used as a source of drinking water due to its high levels Fluoride, which exceed its MCL. For this reason, Well 1 is regarded as a stand-by well by California Department of Health Services (CDHS). Well 1 also has high l	City of Bishop's Well 1 cannot be used as a source of drinking water due to its high levels Fluoride, which exceed its MCL. For this reason, Well 1 is regarded as a stand-by well by California Department of Health Services (CDHS). Well 1 also has high l	San Bernardino District
Inyo	1410001	CITY OF BISHOP	002	Development of Well 3	25	\$2,403,000	L	The City of Bishop owns and operates three wells from which it supplies water to its customers; Well 1, Well 2 and Well 4. Fluoride levels at Well 1 exceed its respective MCL. For this reason Well 1 can only be used as a stand-by well for a limited dur	The City of Bishop wants to build a new well on City owned property. The new well will be built to serve as a back up well when either of the two main wells (Well 2 and Well 4) fails. A Request for Proposals for the Environmental Impact Report was relea	San Bernardino District
Kern	1500190	EDMUNDSON ACRES WATER SYSTEM	003	Edmundson Acres Safe Drinking Water Project	45	\$1,500,000	G	The community of Edmundson Acres is located in Kern County, about 1/2 mile north of the Arvin Community Services District (Arvin CSD) at the northeast corner of Sunset Boulevard and Tejon. Census Tract 63.01, Block Group 2 covers the Edmundson Acres Project	The Edmundson Acres Mutual Water Company has been working with the Arvin Community Services District to investigate annexing the area to the District and obtaining loan and grant funds to connect to their water supply. The proposed project includes the d	Tehachapi District
Kern	1500290	EDGEMONT ACRES MUTUAL WATER COMPANY	006	Edgemont Acres Culinary Water Project	0	\$850,000	G	Historically Edgemont Acres has used well water to supply their shareholders' household needs. Over the past several years, the Federal Government has placed tighter restrictions on potable water quality. The particular concern for Edgemont Acres' well w	There is a two stage approach to the defined problem. The first stage is to install a culinary water delivery system with an imbedded metering capability. The existing system which includes two storage tanks, two wells, and the community fire system will	Tehachapi District
Kern	1500296	FULLER ACRES MUTUAL WATER COMPANY	001	Consolidation Project with Lamont PUD or Arsenic Treatment	45	\$1,200,000	O	Well 01 produces water with arsenic 12 ug/L which is above the new EPA arsenic MCL of 10 ug/L. Also our distribution system piping is over 30 years old and will need to be replaced when consolidating with Lamont PUD. We will also need to install meters	Install 3000 feet of pipeline to connect to Lamont PUD; replacement of 7,000 feet of undersized and old distribution system with a 6-inch PVC pipe, installing 183 meters, and destruction of existing system wells.	Tehachapi District
Kern	1500378	MAHER MUTUAL WATER COMPANY	001	Consolidation with Vaughn Water Company to resolve issue with high arsenic in Well 01	20	\$500,000	G	Our system well produces water exceeding the new federal arsenic MCL of 10 ug/L.	The Maher Mutual Water Company wants to resolve the issue of arsenic in well water by connecting to Vaughn Water Company which is located less than 1/2 mile away from the Maher Mutual Water Company. The project will need upgrading of the Maher MWCs dist	Tehachapi District
Kern	1500380	DE RANCHO Y MOBILE VILLA WATER	002	DRY Water Grant Application	0	\$50,000	G	Our system well has arsenic more than the new EPA MCL of 10 ug/l	as part of this project we will have a permanent connection with California Water Service Company - Bakersfield Domestic Water System. The project will include less than 1000 feet of pipe line, a master meter and distruction of the existing water well.	Tehachapi District

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Kern	1500393	RAINBIRD VALLEY MUTUAL WATER COMPANY	002	Rainbird Valley Water Supply Consolidation & Connection	45	\$150,000	G	The Rainbird Valley Mutual Water Company has two wells that are contaminated with levels of Nitrates and Uranium above the Safe Drinking Water Maximum Contaminant Levels (MCL) for those chemicals. Well #1 has levels of Nitrates at 57 ppm, above the 45 ppm	The Mutual serves water to this 83 home community in the Weldon area of Lake Isabella, Kern County. The area is located in Block Group 1 of Census Tract 52.02 and has a 1999 Median Household Income of \$19,265. The Mutual will obtain clean drinking water	Tehachapi District
Kern	1500393	RAINBIRD VALLEY MUTUAL WATER COMPANY	003	Rainbird Valley Uranium Treatment Project	25	\$350,000	G	The Rainbird Valley Mutual Water Company has two wells that are contaminated with levels of Nitrates and Uranium above the Safe Drinking Water Maximum Contaminant Levels (MCL) for those chemicals. Well #1 has levels of Nitrates at 57 ppm, above the 45 ppm	The Mutual serves water to this 83 home community in the Weldon area of Lake Isabella, Kern County. The area is located in Block Group 1 of Census Tract 52.02 and has a Median Household Income of \$19,265. The proposed project will meet safe drinking water	Tehachapi District
Kern	1500393	RAINBIRD VALLEY MUTUAL WATER COMPANY	004	Rainbird Valley Water Distribution System Repairs	25	\$50,000	M	Gate valves on water distribution lines are frozen and need to be replaced. Entire system must be shut down if major repairs are needed. Loss of water supply & pressure.	Replace ten 6 inch and/or 8 inch gate valves on distribution system.	Tehachapi District
Kern	1500405	AERIAL ACRES WATER SYSTEM	003	Arsenic removal & waterline replacement	10	\$600,000	G	Failure to meet the Arsenic Safe Drinking Water Standard of 10 PPM. Well #1 has an arsenic level of 24 ppm and well #2 has an arsenic level of 27 ppm. These water supplies violate State and Federal safe drinking water standards. The Mutual has no other	Installation of a water treatment system to remove Arsenic from the systems two wells. A building will be installed to protect the treatment system from the heat and freezing temperature extremes of the desert. The Mutual also plans to install ab	Tehachapi District
Kern	1500424	Lands of Promise (CWS)	003	Lands of Promise Consolidation with Rosamond CSD Water System	35	\$2,000,000	G	The Lands of Promise water system is a rural water system supplied by six small wells. The community is located about 3 miles west of Rosamond in southern Kern County. All six of the community wells exceed the Arsenic Maximum Contaminant Level of 10 ppb.	To consolidate with the Rosamond CSD water system the Mutual will have to annex to the District, build a +/- 1.5 mile water supply transmission line from the RCSD to the Lands of Promise community, replace about 8,000 feet of leaky 2 inch metal distribit	Tehachapi District
Kern	1500424	Lands of Promise (CWS)	004	Water Treatment System Installation	15	\$1,500,000	G	The Lands of Promise water system is a rural water system supplied by 6 small wells. The community is located about 3 miles west of Rosamond in southern Kern County. All six of the community wells exceed the Arsenic maximum contaminant level of 10 ppb.	Lands of Promise is a small, rural, water system that fails to meet the Arsenic MCL on all six of their wells. The Mutual proposes to build an arsenic treatment plant(s) to provide clean water. A new storage and a distribution system is needed to convey	Tehachapi District
Kern	1500426	ROSE VILLA APARTMENTS	001	Tie-in to Rosamond CSD due to Arsenic in Water Supply	30	\$590,500	G	Water system has only one source. The sole source source is a well that produces water with arsenic in excess of the MCL.	Construct a 1000-foot 4 pipeline to connect water system to Rosamond CSD. Install a 2 master meter for apartment complex. Install two fire hydrants. Connect apartment complex to Rosamond CSD sewer main (requirement for water service).	Tehachapi District
Kern	1500447	SIERRA BREEZE MUTUAL WATER COMPANY	003	Sierra Breeze - Consolidation	25	\$1,000,000	F	Sierra Breeze Mutual Water Company system had water samples collected on 1/8/07 from each of the two wells in operation. Results returned showed a nitrate level of 75 mg/L from Well 01 and a nitrate level of 35 mg/L from Well 02. These results reported to	Indian Wells Valley Water District (IWWVD) is a large community water system serving the community of Ridgecrest and surrounds. Connecting to the IWWVD system via a 3300-foot water main extension and a master water main meter would allow for either a blen	Tehachapi District
Kern	1500458	R.S. MUTUAL WATER COMPANY	001	Consolidation Project with CWS-Kernville System	45	\$115,000	G	Our system well produces water exceeding the primary MCL of 20 pci/L for uranium and the new federal arsenic MCL of 10 ug/L. Nitrate is marginally below the MCL of 45 mg/L. Our distribution system has 40 years old galvanized steel pipe which is also unde	As part of this project, we will consolidate with nearby CalWaters Kernville System. The project would consist of 50 of 6-inch pipe to connect with Cal Water, replacing 2000 of old galvanized pipe with new 6-inch water mains, and meters for each servi	Tehachapi District
Kern	1500525	LAKEVIEW RANCHOS MUTUAL WATER	001	Lakeview Ranchos First App	0	\$400,000	G	As a result of Prop 84 our water quality no longer complies to newly enforced standards with regard to arsenic content.	The project includes the installation of monitoring and treatment equipment and the construction of an additional pipe distribution system to existing storage tanks.	Tehachapi District
Kern	1500544	ENOS LANE PUBLIC UTILITY DISTRICT	003	Nitrate Removal/Blending Treatment or Consolidation with Vaughn Water Company	10	\$1,500,000	F	We have two systems wells. one of the wells exceed the nitrate MCL of 45 mg/L.	One alternative is to provide nitrate blending treatment. The other option is to consolidate with Vaughn Water Company which is over 3 miles away.	Tehachapi District

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Kern	1500555	MUSTANG MUTUAL WATER SYSTEM	002	Consolidation with Vaughn Water Company to resolve High Arsenic in Well Water	30	\$1,500,000	O	Arsenic in the system well water exceeds the new EPA arsenic MCL of 10 ug/L.	As part of this project, Mustang MWC may connect with the distribution system of Vaughn Water Company which is between 1 and 2 miles away from the. The project would include approximately 10,000 feet of pipeline to connect with the Vaughn Water Company.	Tehachapi District
Kern	1500569	VALLEY VIEW ESTATES MUTUAL WATER CO	001	System 4 high nitrate levels - need for new well	0	\$58,000	F	Well #4 has a nitrate level that often exceeds the MCL of 45 milligrams per liter. Since August of 2006, nitrate levels have varied from 24 to 106 mg/L. A well cycle test was completed on July 11, 2007, and the average result of this test showed nitrat	It appears our community water system must replace Well #4 because of the nitrates contamination. This was the recommendation of Mr. Abdel Shurbaji of the California Department of Public Health, Division of Drinking Water and Environmental Management. M	Tehachapi District
Kern	1500578	LONG CANYON WATER COMPANY CORP.	002	Long Canyon - Weldon Regional Project Feasibility Study	45	\$80,000	F	This project would inter-connect small water systems that have existing sources of supply in violation of arsenic, nitrate, uranium and secondary MCLs. The project would also interconnect small community water systems that have only one existing source	The study would evaluate the best location and size of the pipeline that would inter-connect these systems and also the needed storage tanks and booster pumps that would be needed to supply the entire interconnected small systems. The study would evalua	Tehachapi District
Kern	1500578	LONG CANYON WATER COMPANY CORP.	003	Long Canyon - Weldon Area Regional Solution Construction Project	25	\$15,000,000	F	This project would inter-connect small water systems that have existing sources of supply in violation of arsenic, nitrate, uranium and secondary MCLs. The project would also interconnect small community water systems that have only one existing source	The construction project would include new sources (if needed) to meet demand of the entire completed system, 11-mile long pipeline that would inter-connect these systems and also the needed storage tanks and booster pumps to supply the entire interconne	Tehachapi District
Kern	1500579	LIFE WATER CO-OP	001	Life Water Co-Op Sytem #1500579 Water Shortage Funding Request	35	\$1,500,000	O	Due to an ongoing water shortage problem we have been issued a compliance order for violation of the California Waterworks Standard since we are required to maintain a minimum of 20 psi at all times. We have not been able to do this due to having to shut	To remedy the insufficient water problem and intertie with Inyokern Community Water District is being requested. The project would require a looped mainline to connect the Life Water co-op to the Inyokern C.S.D. system. mainlines, laterals, water meters, m	Tehachapi District
Kern	1500585	OASIS PROPERTY OWNERS ASSOCIATION	005	Consolidation with East Niles CSD	30	\$1,500,000	G	Standby well has high nitrate and arsenic in excess of MCL. Main well is not reliable. No other sources of water available.	Consolidate with neighboring large water system. Run pipeline approximately 6000 feet. Replace distribution system piping, meters, and appurtenances to meet standards of East Niles CSD.	Tehachapi District
Kern	1500588	SON SHINE PROPERTIES	001	Consolidation with Arvin CSD or Treatment for Nitrate and DBCP	45	\$1,500,000	G	Our standby Well 01 has nitrate above 45 mg/L MCL and also DBCP above the MCL of 0.2 ug/L. Our main well (Well 02) has also DBCP present below the MCL.	As part of this project, we will either develop an intertie with the Arvin CSD (about 3 miles away from us) or provide treatment.	Tehachapi District
Kern	1502017	WHEELER FARMS HEADQUARTERS	001	Treatment for arsenic and nitrate	0	\$500,000	F	Our system well has nitrate above the MCL and arsenic above the new EPA MCL.	Provide arsenic and nitrate treatment.	Tehachapi District
Kern	1502232	ROSAMOND MOBILEHOME PARK	001	Rosamond MHP- Rosamond	30	\$250,000	G	The existing well system supplies 79 mobile home/RV spaces. Recently the pump failed and was replaced at a cost of approximately \$8000. It took several days to locate and repair the system and tenants were compelled to use bottled water supplied by par	Contract with local water district to supply water to site location which is approximately 250 yards from main source. Engage local contractor to connect sytem and install individual sub meters. Upgrade underground water distribution system as needed. U	Tehachapi District
Kern	1502383	NORD ROAD WATER ASSOCIATION	001	Consildation with Vaughn water company	30	\$1,000,000	G	Arsenic above the new EPA MCL	Consolidation with the Vaughn water company	Tehachapi District
Kern	1502465	PANAMA ROAD PROPERTY OWNERS ASSOC	001	Arsnic removal app	0	\$100,000	G	Potential problems with arsenic contamination, and storage volume.	Arsenic removal equipment. and addition of 30,000 gallons of storage with booster pump.	Tehachapi District
Kern	1502482	BONANZA FARMS WATER SYSTEM	001	Treatment for arsenic and fluoride	0	\$500,000	G	Arsenic above the State MCL of 50 ug/L and fluoride above the MCL	Treatment for arsenic and fluoride	Tehachapi District
Kern	1502622	GOSFORD ROAD WATER COMPANY	001	Arsenic Treatment	0	\$1,200,000	G	System has only one source. The well produces water with arsenic above the MCL. Arsenic monitoring results have been 11 to 14 ug/L, above the MCL of 10 ug/L.	Construct a new well. Construct a treatment facility to remove arsenic from the water produced by the new well, if necessary. Maintain the ability to treat either the new well or the existing well, or both.	Tehachapi District

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Kern	1503341	Tejon Castaic Water District	006	Tejon-Castac Water District DBP Compliance	0	\$1,500,000	I	The problem addressed in this project is DBP formation. The Tejon Castac Water District uses surface water supplied by the State Water Project treated by PALL microfiltration, and 12.5% sodium hypochlorite as a disinfectant. The State Water Project is co	This project will include a pretreatment system to reduce the DBP formation potential. A Rapid Small-Scale Colum Test (RSSCT) will be performed to evaluate the variability of the raw water and determine the best long term solution. Most probable treatm	Tehachapi District
Kern	1510006	East Niles CSD	007	Consolidation of East Wilson, San Joaquin and Victory Mutual	30	\$5,008,020	F	1. San Joaquin Estates Mutual Water Co.1. Ongoing non-compliance with the Nitrate MCL of 45 mg/L2. Sample results as of 8/01/05 (64 mg/L)3. Ongoing non compliance of order No. 03-19-04E-098 to provide public notification of MCL exceedence.4. Ongoing	Consolidation of East Wilson Road Water Company, San Joaquin Estates Mutual Water Company and Victory Mutual Water Company into the East Niles Community Services District will require the following infrastructure construction, replacement and abandonment.	Visalia District
Kern	1510006	East Niles CSD	008	Consolidation of Country Estates and Oasis Rd. with ENCSD	30	\$4,322,750	F	Country Estates (Del Oro Water Company) Levels of arsenic and nitrate at or exceed the DHS regulated Maximum Contaminant Levels (MCL) Noncompliance with: 1. Failure to provide reporting on bacteriological testing. 2. Failure to report monitoring requirem	Country Estates (Del Oro Water Company) 1. Abandon existing distribution system 2. Install 4,800 ft. of 8 inch pvc distribution line, valves and appurtenances 3. Install 2,000 ft. of 12 inch transmission line 4. Install 8 fire hydrants 5. Install 89 mete	Visalia District
Kern	1510007	FRAZIER PARK PUD	003	Frazier Park Safe Drinking Water Project	0	\$4,000,000	M	Frazier Park is rural, low-income community of about 2,834 people. A 2003 survey of the community documented a Median Household Income of \$26,500 for the area. The Frazier Park Public Utility District (District) provides only water to district users. The w	If the project is funded the district will upgrade of the water system to meet Safe Drinking Water requirements. This project will build a new well to replace well #3, replace undersized and leaking waterlines with 6 and 8 inch waterlines, install hydrant	Tehachapi District
Kern	1510011	Buttonwillow CWD	003	Buttonwillow Arsenic Mitigation Project	20	\$780,000	M	Water well number #4 is contaminated with Arsenic (11 to 14 PPB) in excess of State and Federal Safe Drinking Water Maximum Contaminant Level (MCL) of 10 PPB.	The District proposes to install 1,300 feet of 10 inch water line to supply water from the Districts clean wells (#2 and #3) to blend with well #4s Arsenic contaminated water at wellsite #4. A blending station and a 0.5 MG storage tank will be installed	Visalia District
Kern	1510011	Buttonwillow CWD	004	Buttonwillow Well #1 Replacement	20	\$700,000	L	The Buttonwillow County Water Districts well #1 has been taken out of service due to high levels of Total Dissolved Solids (TDS) of 1,100 ppm vs the MCL of 500, 1,000-1,500 ppm, Turbidity of 5.0 NTU vs 4.0 NTU, Sulfate of 310 ppm vs an MCL of 250-500-600	The rural, low-income, farmworker community of Buttonwillow (Median Household Income of \$28,370) must replace a community well that is contaminated with Iron, Manganese, TDS and Conductivity above the State and Federal Maximum Contaminant Level (MCL) Con	Visalia District
Kern	1510016	RAND COMMUNITIES CWD - RANDBURG	004	Arsenic Treatment	0	\$500,000	G	Funding for arsenic treatment: Well #1.	We need to construct an arsenic treatment plant on our Well number 1.	Tehachapi District
Kern	1510018	ROSAMOND CSD	006	Northwest Rosamond Area Improvements	30	\$5,300,000	G	Fisher Memorial sits on foothill rock north of Rosamond Proper, with small single production well (24 gpm) & high arsenic. There are only individual private low production domestic wells in the area. Lands of Promise, also sits on rocky area, has 5 well	Lands of Promise will be connected initially with 3.2 miles of 12 PVC and DIP pipeline from an existing RCSD pipeline on Sweetser Road. Connecting to that pipeline at Tropico-Mojave Road and going north and then west to Fisher will be 5.3 miles of 12 D	Tehachapi District
Kern	1510018	ROSAMOND CSD	007	Rosamond West-East Area Connections	30	\$3,500,000	G	Longview, Rose Villa, AV Mobile Estates, Rosamond Mobile Home Park, & First Mutual all have single source wells with Arsenic > 10ppb. Rosamond Mobil Home Park has Uranium that exceeds 20 pCi/L from a single source well. All are located within the genera	New piping, from 8 to 12 PVC will be installed to and within each system connection from the nearest RCSD piping location. Pressure regulators with flow control valves and monitors will be installed allowing connection to RCSDs SCADA system. Connecti	Tehachapi District
Kern	1510020	TEHACHAPI, CITY OF	006	Nitrate Treatment	0	\$3,066,000	O	The City water system is feed by 7 potable water wells. One of those wells (Synder Well) consistently produces water with nitrate levels above the MCL (Maximum Contaminant Level) of 45 ppm (parts per millions) with a reading of 51ppm.. A second well (De	The project consists of constructing a nitrate treatment plant capable of treating probably around 1000 to 1500 gpm. The City has already prepared a suitable location for the plant at the same site where the City samples for the blending program. The pl	Tehachapi District
Kern	1510027	DESERT LAKE COMM SERV DIST	001	Treatment for arsenic	0	\$500,000	G	Arsenic above the new EPA MCL	Treatment for arsenic	Tehachapi District

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Kings	1600010	LACEY COURTS MHP	002	Lacey Courts MHP- Water Consolidation Project	35	\$250,000	G	Water source is a well. Arsenic levels do not meet new standards. 26 ppb detected. New standard is 10 ppb.	Disadvantaged mobile home park. This park serves 21 low income families in the Hanford community. City has run a new water line down the street in front of the property. Need money to consolidate this water system into the City of Hanfords water system. C	Visalia District
Kings	1600240	RUBALCAVA WATER SYSTEM	001	Rubalcava Water System Pipeline	10	\$18,000	J	Replace old, leaking 350 foot galvanized iron pipe from wellhead to several users including a residential dwelling house, a restaurant/bar and retail truck parts company. Wellhead has tested positive for coliform bacteria in the past, perhaps from backfl	Replace service line from well to commercial and residential users, approx. 350 feet using piping of an approved material. This includes excavation of a trench of sufficient depth to bury the new pipeline, with appropriate connections to the existing use	Visalia District
Kings	1600507	HARDWICK WATER GROUP	002	Hardwick Water System Safe Drinking Water Project	0	\$1,328,100	G	The community of Hardwick is located in the northeastern portion of Kings County about 5 miles west of the intersection Excelsior Road and State Highway 43. The 2000 census for the area, which includes Hardwick (Kings County Census Tract 1, Block Group 1	The proposed project will consist of the drilling of a water test well to determine the availability of an adequate supply of potable water for the residents of the community of Hardwick. If the test well is successful, a production well would be drilled	Visalia District
Kings	1610003	Hanford, City of	004	Arsenic Remediation - New Water Well and Distribution Main Extensions	35	\$1,920,000	G	The City of Hanford is currently under an Administrative Order (Docket #PWS-AO-2006-028) under the authority of the United States Environmental Protection Agency (EPA) to comply with the Safe Drinking Water Acts Maximum Contaminant Level (MCL) for Arseni	In order to facilitate the consolidation of the three privately owned water systems by connecting to the City of Hanford water system, the following water supply and distribution system improvements will be needed:A.) Water Supply - Construction of a ne	Visalia District
Lake	1700536	Sunrise Shore Mutual Water Company	003	Sunrise Shores	0	\$250,000	M	Existing distribution system is Military surplus thin walled steel pipe installed in 1958. Pipe was laid in ground with rocks, gravel and earth. No sand was used. During recent years we are having more problems with the main line as the pipe is burstin	We have to replace about 4,000 ft of water distribution system. Need to replace our 3 main with minimum 4 we also need to install Fire Hydrants to provide better community fire protection. An additional 10,000 gal storage tank must be added for addion	Mendocino District
Lake	1700546	Clearwater Mutual Water Company	003	Clearwater Mutual Water Co. - Clearwell	25	\$110,000	D	The 35,000 gallon redwood clearwell for the Clearwater MWC is required to be replaced in accordance to Water Permit No. 02-03-98P17005. The Clearwell is in very poor structural condition, leaking and may collapse anytime. The clearwell tank is used for	Clearwater Mutual Water Company is a small community water system that has 90 active service connections serving a maximum population of 100 persons. Most residences are retired living on a fixed income. The community is considered disadvantaged due to	Mendocino District
Lake	1700546	Clearwater Mutual Water Company	004	Clearwater Mutual Water Co. - Storage/Distribution	25	\$140,000	M	The 35,000 gallon redwood storage for the Clearwater Mutual Water Co. should be replaced in accordance to water permit No. 02-03-98P17005. The storage tank has been in place since 1965. There are several patched holes around the tank, and some leaks on th	Clearwater Mutual Water Company is a small community water system that has 90 active service connections serving a maximum population of 100 persons. Most residences are retired living on a fixed income. The community is considered disadvantaged due to	Mendocino District
Lake	1710001	Clearlake Oaks County Water District	007	Clearlake Oaks 2007 Infrastructure Improvements-SWTP	25	\$270,000	I	The treatment plant needs a new back-up generator and switch, therefore fails to meet swtr reliability requirements.A backwash water recovery system at the WTP will bring system in conformance with CAP and conserve water,	Install a new 400kW propane back-up generator at the water treatment plant replacing a deteriorating army surplus generator that currently does not provide reliability.Install a 50,000 gallon backwash tank & recovery system to recover and recycle backwa	Mendocino District
Lake	1710001	Clearlake Oaks County Water District	008	Clearlake Oaks 2007 Infrastructure Improvements-Main Replacement	25	\$501,500	O	Asbestos mains are failing due to age and ground movement, causing potentially catastrophic highway failure. Booster stations have no back-up power causing low pressure problems, potentially allowing backsiphonage and contamination.Replace 4500 feet of asb	Install 4500 feet of PVC main to replace existin concrete asbestos mains in the Caltrans right of way.	Mendocino District
Lake	1710001	Clearlake Oaks County Water District	009	Clearlake Oaks 2007 Infrastructure Improvements-Storage Tank	25	\$863,500	M	Major storage components,(redwood tanks) are deteriorating and will fail causing massive property damage, redwood tanks limit the ability to cycle water to reduce disinfection by-products. Existing storage does not meet current waterworks standards.	Install a 465,000 gallon reservoir and booster station with telemerty and back-up propane generator. Install a 100,000 gallon reservoir and booster station with a propane back-up generator. Install a new booster station with telemetry and a propane back-u	Mendocino District

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Lassen	1810001	City of Susanville	001	Bagwell Springs Chlorine System Upgrade	15	\$75,000	K	To upgrade the Bagwell Springs pressurized chlorination system to a gas chlorination system operated under vacuum and install safety detection equipment on site. Annual DHS inspection report deficiency item number 2 dated December 5, 2006	To install a power line to Bagwell Springs so the high pressure gas chlorination system can be replaced by a gas chlorination system operated under vacuum. Installing power is required to run a vacuum pump due to the pipeline not having sufficient pressure	Lassen District
Lassen	1810001	City of Susanville	002	Cady Springs auxiliary Storage and Supply	15	\$1,150,000	M	Cady Springs are located 2.5 miles from the City in the Susanville River Canyon, this has been a gravity feed system since the late 1800s. The springs are one of the City's major water sources, this being the only water supply to the City's west side due	The project would construct a two stage booster station at the springs to supply water to a new 1 million gallon water tank and a 16 inch pipeline that would supply water to all the customers on the City's west side, this would also provide water to a sec	Lassen District
Lassen	1810002	Westwood C.S.D.	002	Construction of a new spring enclosure	0	\$240,000	O	The existing covering over the spring was constructed in 1975 and consists of wood trusses covered with plywood and a built-up composition roof. The treated wood trusses have a tendency to sweat and drip into the spring water during certain times of th	The proposed spring enclosure consists of a steel building with reinforced steel plating to resist vandalism and bullet holes. The site is remote with limited access, and the structure is subject to potential vandalism. The walls will be approximately s	Lassen District
Los Angeles	1900785	MITCHELL'S AVENUE E MOBILE HOME PARK	002	Mitchells Well Water	0	\$250,000	L	I have one well on the property which is now exceeding Arsenic levels. The well is probably 50 plus years old. This is the sole source of water, as there is no county water available in my area.	To be determined by an engineering study. Possibly a new well, filtering or blending.	Central District
Los Angeles	1900803	El Dorado Mutual Water Co.	002	Security and Fencing - El Dorado Water Company Yard	0	\$60,000	O	Our water yard sits right on the corner of a very busy 5 lane road - it has a lot of visibility, and half of the yard has only a 3.5 ft high fence around it. We need to finish fencing the yard with 830 feet of 6 foot high chain link fence with barbed wire	Our water yard sits right on the corner of a very busy 5 lane road - it has a lot of visibility, and half of the yard has only a 3.5 ft high fence around it. We need to finish fencing the yard with 830 feet of 6 foot high chain link fence with barbed wire	Metropolitan District
Los Angeles	1900803	El Dorado Mutual Water Co.	003	LA County Intertie With El Dorado	0	\$260,000	O	Basically this would be a connection to 4 other water companies. The connection to LA County Water would require a vault on 10th St. W., and would be a one way connection - we would buy water from them in case of an emergency. The other 3 mutuals (Westsid	Basically this would be a connection to 4 other water companies. The connection to LA County Water would require a vault on 10th St. W., and would be a one way connection - we would buy water from them in case of an emergency. The other 3 mutuals (Westsid	Metropolitan District
Los Angeles	1900803	El Dorado Mutual Water Co.	004	New Well El Dorado	0	\$250,000	O	We have no guaranteed emergency backup and only one well. AVEK is our only backup, and although they have always helped us out, the written agreement is that they can shut down our connection at any time.	Another well would give us an emergency backup in case our existing well stopped working. A new well would also provide 3 other mutuals emergency help if we were to intertie with them.	Metropolitan District
Los Angeles	1900803	El Dorado Mutual Water Co.	005	2 Vertical Pressure Pumps With Variable Frequency drive	0	\$100,000	O	Our existing 2 pressure pumps are old and inefficient. They cycle using an old mercury based relay pressure sensor. If we were ever to intertie with our 3 nearby mutual water companies and need to supply one of them with emergency water, the existing pump	Two new vertical pumps and a variable frequency drive with an electrical system upgrade (including new wiring panels, sensors etc.) would increase efficiency, reduce cost, provide increase flow to other agencies in case of emergency, and provide a co	Metropolitan District
Los Angeles	1907028	SPV WATER CO INC	001	Water system improvement	0	\$450,000	M	The system has one groundwater well. The well is near exceeding the Nitrate MCL with a January 2007 indication of 43.5. It also had Total coliform exceedance in August 2004. The system does not have disinfection. Their only other backup well is not curre	Addition of Nitrate treatment and/or drill another well to blend water with. Possible addition of a backup well. Add disinfection equipment to the existing well. Clean the storage tank.	Central District
Los Angeles	1909007	OUR LADY OF FATIMA SCHOOL	001	Arsenic treatment plan	0	\$250,000	L	Current well exceeds Arsenic standard. We have no other supply.	We would like to connect to a nearby water supply or drill a new well that meets the arsenic standard. The project scope will be determined by best engineering practices.	Central District
Los Angeles	1910022	CALIF STATE POLYTECHNICAL UNIV - POMONA	002	Install Nitrate Removal System & Rebuild Lower Reservoir	0	\$7,000,000	O	The underground water that serves a population of 20,000 on Cal Poly Pomona University is high in nitrate. University has to purchase surface water from MWD (approximately 30% to 40%) to dilute the groundwater in order to produce safe drinking water for	The propose project will install a Nitrate removal system to remove Nitrate from groundwater and rebuild a 1 million gallon Lower Reservoir to store more groundwater to meet growing campus consumption. Work will entail installation of an effective Nitrat	Angeles District
Los Angeles	1910023	EVERYDALE MWC	003	Well #1 Replacement and Disinfection Treatment	10	\$350,000	B	We had a persistent problem with bacteriological contamination of this well that has caused Multiple TCR violations.	replacing well #1 and also installing disinfection system.	Central District

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Los Angeles	1910023	VERYDALE MWC	004	Well Distraction	10	\$50,000	B	This well needs to be replaced because of persistent bacteriological contamination. This well needs to be destroyed per State law.	To destroy abandoned well according to DWR well destruction standards.	Central District
Los Angeles	1910023	VERYDALE MWC	005	Intertie Connection with LA County Water Works District	10	\$125,000	M	This is DHS directive to have emergency connection because the system is isolated.	Install intertie with LACWWD for be used as emergency connection.	Central District
Los Angeles	1910038	EL MONTE-CITY, WATER DEPT.	002	Productio Well # 4	0	\$500,000	M	production well # 4 is showing increase levels of nitrates. the city has made contact with MWH and are in the planning stage to treat this well with R.O.	Production Well # 4 is equipped with a 100 HP electric motor and a natural gas motor incase of emergency use. The well produces 1500GPM and is a lead well for our system.If Nitrates levels exceed the MCL the city will install a R.O. system to remove the	Central District
Los Angeles	1910041	THREE VALLEYS MWD	006	Martin Cienega Groundwater Treatment and Rising Water Mitigation	3	\$10,500,000	O	The Six Basins area straddles the Los Angeles-San Bernardino county line and includes six groundwater basins overlying the cities of Claremont, Pomona, La Verne, and Upland. The basins have experienced water quality problems in the past primarily due to	This multi-purpose project seeks to produce local groundwater from a basin that has historically exhibited water quality and rising water challenges. It is located within the Six Basins area, which includes cities in both Los Angeles and San Bernardino c	Hollywood District
Los Angeles	1910063	LINCOLN AVENUE WATER CO.	002	Infrastructure Upgrades	0	\$500,000	M	Most main lines in our service are are 50+ years old. Some areas do not have adequate fire flow as required by the LA County Fire Department.	Upgrade the distribution system.	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	011	Arsenic Treatment in Well 4-37	0	\$820,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-37 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	012	Arsenic Treatment in Well 4-36	0	\$820,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-36 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	013	Arsenic Treatment in Well 4-FOX	0	\$640,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-Fox to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	014	Arsenic Treatment in Well 4-26	0	\$820,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-26 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	015	Arsenic Treatment in Well 4-68	0	\$820,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-68 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	016	Arsenic Treatment in Well 4-49	0	\$1,650,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-49 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District

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Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	017	Arsenic Treatment in Well 4-48	0	\$1,650,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-48 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	018	Arsenic Treatment in Well 4-67	0	\$820,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-67 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	019	Arsenic Treatment in Well 4-51	0	\$820,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-51 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	020	Arsenic Treatment in Well 4-50	0	\$1,000,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-50 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	021	Arsenic Treatment in Well 4-13	0	\$640,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-13 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	022	Arsenic Treatment in Well 4-17	0	\$640,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-17 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	023	Arsenic Treatment in Well 4-42	0	\$640,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-42 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for a	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	024	Arsenic Treatment in Well 4-43	0	\$640,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-43 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	025	Arsenic Treatment in Well 4-44	0	\$1,000,000	O	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-44 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	026	Arsenic Treatment in Well 4-52	0	\$820,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-52 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for a	Central District

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Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	027	Construct new ASR well to replace high arsenic Well 4-9	0	\$1,247,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is to construct a new well, Well No. 4- 83, to replace Well No. 4-9. The new well will produce approximately 800 GPM and will be properly constructed to avoid penetrating the blue clay zone in the aquifers that contains high arsenic levels.	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	028	Construct new ASR well to replace high arsenic Well 4-5	0	\$1,247,000	O	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is to construct a new well, Well No. 4-82, to replace Well No. 4-5. The new well will produce approximately 800 GPM and will be properly constructed to avoid penetrating the blue clay zone in the aquifers that contains high arsenic levels.	Central District
Los Angeles	1910070	LOS ANGELES CO WW DIST 4 & 34-LANCASTER	029	Arsenic Treatment in Well 4-62	0	\$640,000	L	Arsenic is the primary contaminant to be addressed by the project. Arsenic in drinking water has been shown to impact human health and is considered one of the prominent environmental causes of cancer in the world. The Safe Drinking Water Act Amendment	This project is for the removal of arsenic from the groundwater pumped from Well No. 4-62 to ensure compliance with the new arsenic standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for	Central District
Los Angeles	1910073	LOMITA-CITY, WATER DEPT.	004	Cypress Water Treatment Facility	0	\$12,500,000	N	The City of Lomita Cypress Water Treatment Facility intends on removing iron, manganese, and color from Well No. 5 in compliance to the State Drinking Water Standards. It is to be mixed with the MWD water in the new Cypress Street Reservoir, which will pr	The project would rehabilitate an existing well which has been out of services since 1974. Provide a treatment plant with a 1,000 gallon per minute treatment rate and construct a new 5 million gallon reservoir for the storage of produced water. The Proj	Hollywood District
Los Angeles	1910075	LOS ANGELES CO WW DIST 21-KAGEL CANYON	018	Water Supply and Distribution System Improvements at District 21-Kagel Canyon	0	\$3,000,000	F	District 21 is a small community water system serving residents living in Kagel Canyon, in unincorporated area of Los Angeles County. The Districts water distribution system consists of approximately seven miles of old and undersized water mains, two pu	The District proposes to correct its water distribution system problems in two phases. In the first phase, the District proposes to abandon its three aging, substandard wells and drill new wells that will be compliant with the State standards and regulat	Central District
Los Angeles	1910086	MAYWOOD MUTUAL WATER CO. #3	002	Distribution main replacement	0	\$2,000,000	M	Replace low flow mains, replace all 4 inch main with 6-8 inch.Increase fire flow to low flow areas6 inch main between Gage and Randolph on Atlantic Blvd, remove blockage for fire flow.Replace 4 inch mains on Mayflower & Prospect between Randolph and 61	6 inch main between Gage and Randolph on Atlantic Blvd, remove blockage for fire flow.Replace 4 inch mains on Mayflower & Prospect between Randolph and 61st street.Replace 4 inch mains on Slauson Avenue from Alamo to LA River.Replace 4 inch mains on At	Central District
Los Angeles	1910087	METROPOLITAN WATER DIST. OF SO. CAL.	006	Henry J. Mills Water Treatment Plant Ozone System Capacity Upgrade	0	\$30,829,000	I	The Mills plant exclusively treats State Water Project (SWP) water. Due to its proximity to the DWR conveyance system, the plant receives East Branch SWP water via Lake Silverwood and Lake Perris. From 2003 to 2005, average total organic carbon (TOC) conc	The project scope includes: addition of: a fourth 3,000 ppd ozone generator with power supply unit;a third LOX tank (34,000 gallon) with concrete foundation;a supplemental nitrogen generation system package;additional ambient ozone gas analyzers;powe	Central District
Los Angeles	1910092	MONTEREY PARK-CITY, WATER DEPT.	007	Monterey Park Security Upgrades	0	\$188,000	O	This project will improve fencing and install entry alarms at all 7 reservoir sites and improve perimeter security at the Delta Treatment Plant. Currently, the citys reservoirs are only prectected by chain link fencing that has begun to fall into disr	This project will improve fencing and install entry alarms at all 7 reservoir sites and improve perimeter security at the Delta Treatment Plant. Currently, the citys reservoirs are only prectected by chain link fencing that has begun to fall into disr	Hollywood District
Los Angeles	1910092	MONTEREY PARK-CITY, WATER DEPT.	008	Monterey Park Water Main Replacement/Upgrade	0	\$1,312,000	M	The City of Monterey Park currently owns, operates and maintains approximately 134 miles of water distribution mains. Many of these mains have been in service since they were originally put into service in the 1920s. In addition to the age of our distri	The proposed project will replace approximately 2 miles of undersized and old water mains per our adopted Water Master Plan. The project will reduce the possibility of water main failures, reduce damage to streets and private property and remove large am	Hollywood District
Los Angeles	1910126	POMONA- CITY, WATER DEPT.	010	Well 4 - Abandon and Drill New Well	0	\$4,000,000	O	Currently, the well has suffered from a collapsed shaft rendering the well inoperable. Attempts to salvage the well have been unsuccessful leaving no doubt but to abandon the well. There is land available in the immediate area where another well can b	The project will have the following components: 1. Existing Well Abandonment 2. Engineering & Design 3. Well Drilling 4. Equipping of Electrical, Mechanical, Piping, etc., 5. Housing to contain equipment 6. Montoring & SCADA Installation.	Metropolitan District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Los Angeles	1910126	POMONA- CITY, WATER DEPT.	011	Well 38 Drill & Equipment	0	\$6,700,000	O	With the increasing water demand generated by changes in population, Pomona has had to secure additional water supply sources. To meet this need, the City has determined that additional pumping in Six Basins is feasible. It is expected that this project	The project will have the following components: 1. Engineering and Design 2. Land Aquisition (Possible) 3. Well Drilling 4. Equipping of Electrical, Mechanical, Piping, Etc., 5. Well Head Treatment 6. Construction of Housing for Well Head Treatmen	Metropolitan District
Los Angeles	1910126	POMONA- CITY, WATER DEPT.	012	Treatment - Ion Exchange (Pomona Basin Wells)	0	\$4,531,375	O	Because of the high nitrate and perchlorate levels from Well 3, Well 7, Well 8 and Well 32, it is necessary to blend MWD water for nitrate and perchlorate treatment. As we move forward with the statewide drought it is expected that MWD supplies will be c	This project will have the following components: 1. Engineering and Design 2. Equipping of Electrical, Mechanical, Piping, Etc., 3. Well Head Treatment 4. Construction of housing for well head treatment and/or equipment 5. Monitoring & SCADA Install	Metropolitan District
Los Angeles	1910126	POMONA- CITY, WATER DEPT.	013	Spadra Basin Well & Treatment	0	\$6,700,000	O	With the increasing water demand generated by changes in population, Pomona has had to secure additional water supply sources. To meet this need, the City has determined that additional pumping in the Spadra Basin is feasible. It is expected that this p	The project will have the following components: 1. Engineering and Design 2. Land Aquisition (Possible) 3. Well Drilling 4. Equipping of Electrical, Mechanical, Piping, Etc., 5. Well Head Treatment 6. Construction of Housing for Well Head Treatmen	Metropolitan District
Los Angeles	1910128	COVINA IRRIGATION CO.	006	Temple WTP UV Improvement for DBP Compliance and Regional Reliability	0	\$2,500,000	I	The Temple WTP is a 12.5 MGD conventional water treatment plant that treats either local surface water, supplies from the State Water Project (SWP), or blends of the two sourcewaters. The Temple WTP as originally configured used sodium hypochlorite for b	Alternate methods using granulated activated carbon, magnetic ion exchange resin, chlorine, ozone, and chlorine dioxide have been considered and ruled out, either due to the excessive cost, insufficient space requirements, or an inability to meet regulato	Metropolitan District
Los Angeles	1910130	QUARTZ HILL WATER DIST.	002	Well 6A Arsenic Mitigation	0	\$65,000	L	Do to the EPA lowering the MCL for Arsenic on the 23rd day of January 2006 Quartz Hill Water District has had to suspend use of Well 6a due to high levels of arsenic being detected in the water. Several alternative blending plans have been implemented in	Quartz Hill Water District is planning on partially abandoning Well 6a. The planned start date for this project is fall of 2007. According to Los Angeles County Water Works District 40, the aforementioned process takes approximately two weeks to complete.	Central District
Los Angeles	1910203	LOS ANGELES CWW 40, R24, 27,33-PEARBLSM	004	Nitrate Treatment in Well 27-5	0	\$640,000	F	Nitrate is an inorganic compound that often appears in the environment, both naturally and unnaturally. Most commonly the nitrate in groundwater originates from fertilizers, septic systems, and manure storage or spreading operations. The nitrate from the	This project is for the removal of nitrate from the groundwater pumped from Well No. 27-5 to ensure compliance with the nitrate standard. To accomplish this goal, the District proposes using one of the commercially available ion exchange systems for nitr	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	024	Pepperdine Bypass Water Circulation Project	0	\$2,400,000	M	Metropolitan Water District of Southern California (MWD) provides the single source of water that supplies Los Angeles County Waterworks District No. 29 (District) through a connection with West Basin Municipal Water District (WBMWD). The water supply is	The District is seeking matching funds for a capital improvement project aimed at decreasing water age by increasing turnover rates in the 5 MG Pepperdine storage, and installation of new water quality monitoring equipment. The project consists of insta	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	025	Water Security Improvement Project	0	\$4,025,600	M	In compliance with the Public Health Security and Bioterrorism Preparedness and Response Act of 2002, the Los Angeles County Waterworks Districts (Districts) completed three vulnerability assessments. These vulnerability assessments evaluated susceptibil	In compliance with the Public Health Security and Bioterrorism Preparedness and Response Act of 2002, the Los Angeles County Waterworks Districts (Districts) completed three vulnerability assessments. These vulnerability assessments evaluated susceptibil	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	026	Sepulveda Feeder Interconnection Project	0	\$5,350,000	M	Metropolitan Water District of Southern California (MWD) provides the single source of water that supplies Los Angeles County Waterworks District No. 29 (WWD 29) through a connection with West Basin Municipal Water District (WBMWD). The water supply is d	Los Angeles County Waterworks District 29 (District) is proposing the addition of a new water source through a new interconnection with MWDs' Sepulveda Feeder to boost gradient during high demand and emergencies. The new connection will be utilized as th	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	027	Improving Water Quality in the Horizon Tank	0	\$35,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age To accomplish this goal, the District p	Central District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	028	Improving Water Quality in the Point Dume Tank	0	\$35,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	029	Improving Water Quality in the Saddle Peak Tank	0	\$35,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	030	Improving Water Quality in the Santa Maria Tank	0	\$35,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	031	Improving Water Quality in the Latigo Tank	0	\$70,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	032	Improving Water Quality in the Topanga Summit Tank	0	\$70,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	033	Improving Water Quality in the Malibu Knolls Tank	0	\$70,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	034	Improving Water Quality in the Nicholas Beach Tank	0	\$70,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	035	Improving Water Quality in the Hume Tank	0	\$35,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	036	Improving Water Quality in the Pepperdine 907 Tank	0	\$35,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	037	Improving Water Quality in the Pepperdine 81 Tank	0	\$35,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	038	Improving Water Quality in the Old Topanga Tank	0	\$70,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	039	Improving Water Quality in the Topanga Beach Tank	0	\$70,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	040	Improving Water Quality in the Trancas Tank	0	\$35,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District
Los Angeles	1910204	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	041	Improving Water Quality in the Upper Encinal Tank	0	\$35,000	M	The Los Angeles County Waterworks District No. 29 receives its water supply from West Basin Municipal Water District that, in turn, purchases imported water from the Metropolitan Water District of Southern California (MWD). The water supplied by MWD is c	The purpose of the proposed project is to thoroughly mix the water in the tank to eliminate temperature stratification, short-circuiting and stagnant water conditions, which will provide a uniform, short water age. To accomplish this goal, the District p	Central District
Los Angeles	1910244	GREEN VALLEY CWD	002	Security Vulnerability Protection	0	\$77,000	O	We are a rural isolated community completely surrounded by the Angeles National Forest. All of our well locations are secured by a well house and chain link fence. Our water storage tanks and booster pump stations are located throughout the town some in v	We are a rural isolated community completely surrounded by the Angeles National Forest. All of our well locations are secured by a well house and chain link fence. Our water storage tanks and booster pump stations are located throughout the town some in v	Metropolitan District
Los Angeles	1910244	GREEN VALLEY CWD	003	Solar Powered Water Tank Circulator	0	\$180,000	O	The District's water storage tank systems are designed so that the water enters and exits the tank near the bottom through the same pipeline. During periods of low water use, the water at the top of the tank is not always used. By mixing the water in the	A Solar Powered Water Tank Circulator would be installed at each of the six water storage tanks.	Metropolitan District
Los Angeles	1910244	GREEN VALLEY CWD	004	Refurbish Pressure Reducing Valves	0	\$2,500	M	The District has three Pressure Reducing Valves (PRVs) in the system. They are located between pressure zones and were designed to allow water to flow from a higher zone to a lower zone in case of a loss of pressure in the lower zone(s). They have been in	All three valves would be inspected by a trained technician and the pressure reducing pilot replaced and adjusted if necessary and a back pressure pilot installed and adjusted to the proper pressure.	Metropolitan District
Los Angeles	1910244	GREEN VALLEY CWD	005	Additional water source – Drill alluvia well	0	\$110,000	O	All the District's wells pump a total of approximately 200 gpm and deliver it into the lower zone tanks. Customer demand is furnished from the 800,000 gals of storage which are in three pressure zones. An additional well would increase the production capa	The project involves the drilling of a test well and if successful the drilling and development of the production well. The installation of the pump, panel and pipeline to existing pipelines would follow the completion of the well. Location of the well	Metropolitan District
Los Angeles	1910244	GREEN VALLEY CWD	006	Nitrate Removal	0	\$400,000	F	The dwelling units within the Green Valley County Water District all use on site sewage treatment and disposal units (septic systems). As all the water wells in the valley are clustered in the lower valley area, the possibility exists that the well water	In the future, to install nitrate removal units on wells that begin to have nitrate in excess of the MCL. At the present time it does not appear feasible to construct a centralized community treatment unit so well head treatment units would be proposed	Metropolitan District
Los Angeles	1910246	LAND PROJECT MUTUAL WATER CO.	002	Wells 1,3,4 and 5 Arsenic treatment plan	15	\$750,000	G	The community water system has four groundwater wells that supply approximately 500 service connections. As of June 18, 2007, all four wells exceed the arsenic MCL, ranging from 8.6 ug/l to 20 ug/l, and have since 1998. There are no current arsenic violat	The system has several options including: Installing transmission piping to interconnect old wells with potential new well(s) to provide blending; Installing new wells that are potentially in compliance with MCLs; Or installing arsenic treatment such as	Hollywood District
Madera	2000501	BASS LAKE ANNEX #3	001	Removal of Uranium/Gross Alpha	15	\$500,000	G	Elimination of uranium and gross alpha from water per Title 22, California Code of Regulations, Section 64442	The water company is currently investigating the procedures and equipment to complete treatment required and determine the cost thereof.	Merced District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Madera	2000506	SIERRA LINDA MUTUAL WATER CO	002	New Well	5	\$70,000	G	Our system exceeds the acceptable State maximum levels of Arsenic and Uranium. Also, we do not have sufficient water supply to currently meet the demand and this part of the problem will only get worse as more building occurs. We are currently under an	Construction of a new well, new power panel and powerline, water pump and water line.	Merced District
Madera	2000511	MD#85 VALETA MUTUAL WATER COMPANY	002	MD-85 Nitrate removal and system replacement	40	\$1,000,000	F	System only has one well which often exceeds mcl for nitrates. System well also has a dropping water table and it is uncertain how long it can sustain this community. Water system was installed by homeowners and only consist of small pvc pipe	This water system is small and in close proximity to the city of chowchilla water system. The small distribution system needs to be replaced, abandoned and intertied with the city of chowchilla.	Merced District
Madera	2000521	BROADVIEW TERRACE WATER CO	004	Infrastructure Replacement Project	0	\$500,000	M	We have small (1 1/2 and 2) galvanized mains that are so corroded that water pressure drops to near zero in sections when several users are drawing water at the same time. Pressure less than 20 psi occurs frequently. These are mostly single family	Approx 10,000 of 2 galvanized main will be abandoned and the same length 6 c-900 will be laid in the same easement or road right-of-way. Trenching will be labor intensive due to many granite outcroppings and the roots of huge trees near but outside th	Merced District
Madera	2000544	MD #1 HIDDEN LAKE ESTATES	002	MD-1 Disinfection byproducts and distribution and tank replacement	0	\$2,200,000	D	System is in violation for the disinfection byproduct Haloacetic acids the MCL is 60 ppb and the current level of detection is currently at 231 ppb. System cannot meet required ct without prechlorinating which increases DBPR. Treatment plant is also not	Replace water treatment plant with a new treatment plant which is able to keep up with demand and meet turbidity requirements. Replace current storage tank with tank which is able to meet required ct ratio. Install separate fill line to tank in order to m	Merced District
Madera	2000550	MD#6 LAKE SHORE PARK	002	MD-6 arsenic, gross alpha and uranium reduction	0	\$1,300,000	G	Problem Description System is exceeding MCL for gross alpha MCL is 15 pCi/L and current level is at 268.77. System is also exceeding MCL for uranium MCL is 20 and current level is 301.7. System is also exceeding MCL for arsenic the MCL is 10 ppb and cur	Install arsenic removal plant. Install gross alpha and uranium removal plant. Drill high production well and install new tank and well controls	Merced District
Madera	2000551	MD#7 MARINA VIEW HEIGHTS	003	MD-7 water system failure and contaminant removal	0	\$1,200,000	G	System is currently exceeding the MCL of 15 pCi/L for gross alpha current level is at 201.5. System is exceeding MCL of 20 pCi/L for uranium current level is at 236. System is very close to exceeding Arsenic MCL of 10 ppb current level is at 9.8. Water	Install arsenic, gross alpha and uranium removal plant. Drill high production well and install new tank and well controls. Replace current distribution system and storage tank. Drill high production well and install new tank and well controls.	Merced District
Madera	2000552	MD#24 TEAFORD MEADOW LAKES	002	MD-24 water outages and system failure	0	\$1,000,000	M	System wells are not able to keep up with water demand. Water system is in a critical fire hazard zone. System cannot provide fire protection needs with current production, storage and distribution system. Current storage tank is too small and is beyond it	PROJECT DESCRIPTIONDrill high production well and install new tank and well controls. Replace current distribution system and storage tank.	Merced District
Madera	2000557	MD#43 MIAMI CREEK KNOLLS	003	MD-43 Dillon Estates and Miami Creek consolidation	40	\$3,000,000	F	System exceeds MCL of 45 for nitrates current system is at 52.11. Water system also exceeds secondary MCL for iron of 300 with a detection level of 860. System also exceeds Secondary MCL for turbidity of 5 NTU and current level is 8.4 NTU. System current	Install Nitrate and iron removal plant Complete consolidation with Dillon Estates water system. Install new distribution system, tank and boost pumps which will meet fire flow. Drill new high production well for water blending nitrate removal.	Merced District
Madera	2000561	MD#8 NORTH FORK WATER SYSTEM	002	MD-8 arsenic violation	0	\$1,000,000	G	System is currently exceeding MCL for arsenic of 10ppb with a current detection level is 12.43ppb. The system has significant infrastructure failure and does not meet fire flow and fire storage requirements.	Install oxidation with hypochlorite, co-precipitation with ferric chloride followed by filtration for arsenic removal. Drill new high production well. Replace parts of distribution system and storage tank to meet fire flow requirements.	Merced District
Madera	2000611	COARSEGOLD SCHOOL	001	New well for Coarsegold Elementary School	0	\$325,000	M	Coarsegold Elementary School is in need of additional water storage for fire suppression. There is a need for a storage tank and a pump. The school also needs a new well for drinking water for students and staff at the school. No drinking water standard.	The project would include installation of a water storage tank and pump for fire suppression purposes at Coarsegold Elementary School and a new well at the school to supply drinking water for students and staff.	Merced District
Madera	2000612	NORTH FORK UNION SCHOOL	001	Isolation of North Fork School well 1 for potable use.	0	\$50,000	C	The North Fork School Water System is fed by two wells. Well #1 is 1200' deep with excellent water quality and a good test history. It alone would more than serve the potable needs of the school. It will not however serve both the potable and irrigation	As stated, the CDHS representative suggested that a potable water only main line be run to the school from the deep well only. This project would involve a new pressure/distribution system being built adjacent to the deep well. It would also involve tren	Merced District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Madera	2000690	MD#73 QUARTZ MOUNTAIN	001	MD-73 water system quality and quantity enhancement	0	\$1,500,000	M	System wells are high in iron the secondary MCL is 300 ppb system is currently at 2790 ppb. System is also exceeding secondary MCL for manganese MCL is 50 ppb and system is currently at 225 ppb. System is also exceeding secondary MCLs for color and turbidity	Install iron and manganese removal plant. Drill new high production well.	Merced District
Madera	2000737	MD#42 STILL MEADOW	002	MD-42 arsenic and gross alpha removal	0	\$1,200,000	G	System arsenic levels have exceeded the MCL of 10 with a current level detected at 18.55 ppb. System also exceeds MCL of 15 pCi/L for Gross alpha, system is currently at 15.73 pCi/L. System also violates secondary standards for iron and manganese. Iron MC	Install iron and manganese removal plant. Install throw away absorbent arsenic removal as recommended by previous study. Drill high production well and install new tank and well controls. Replace current distribution system and storage tank.	Merced District
Madera	2000828	SHADY OAKS MOBILE HOME PARK	001	Shady Oak Mobile Home Park Water Treatment	0	\$35,000	G	Contaminants have been discovered during routine testing. Laboratory testing showed higher than normal levels of Uranium putting water system out of local compliance.	Installation of treatment, filtration, and monitoring equipment capable of handling a 60 gpm facility.	Merced District
Madera	2000846	SIERRA VIEW SCHOOL	002	Sierra View New Well Project	0	\$257,000	M	The Sierra View Elementary School water system has the following deficiencies;1. The system has one well only, so there is no backup2. The system has no potable water storage tank3. The system has no hydrotank4. The system has no separation between	The proposed new system would include the following;1. The addition of a new well and submersible pump2. The addition of a 20,000 gallon domestic water storage tank3. The addition of a 3,750 gallon hydrotank4. The addition of an irrigation booster	Merced District
Madera	2000849	MD#60 DILLON ESTATES	001	MD-60 Dillon Estates and Miami Creek consolidation	20	\$1,800,000	M	Water System does not meet fire flow and storage requirements. System has no back up generator for possible power outage. System is in critical fire zone and cannot provide adequate fire protection.	Complete consolidation with maintenance district 43 Miami creek. Drill high production well. Replace storage tank, distribution system and boost pumps to meet fire flow requirements.	Merced District
Madera	2000851	MD#40 SUNSET RIDGE ESTATES	002	MD-40 Contaminant removal	0	\$1,200,000	M	System wells Exceed secondary MCLs for iron at 300 ppb and Manganese at 50 ppb. Current iron level is 690 ppb and current manganese level is 160.33 ppb. The system does not have adequate production system wells are not able to keep up with water demand.	Install iron and manganese removal plant. Replace current distribution system and storage tank. Drill high production well.	Merced District
Madera	2010007	HILLVIEW WC-OAKHURST/SIERRA LAKES	006	Sierra Lakes 2010007 Compliance for Uranium & Arsenic	15	\$1,995,000	G	Treatment for Uranium: On September 8, 1997, the Department of Health Services (DHS) issued Hillview Compliance Order No. 03-11-970-002 for failure to comply with the Uranium Maximum Contaminant Level and failure to insure that customers are provided with	The Oakhurst/Hillview Water system is currently under a compliance order for Uranium & Arsenic for the water produced in this area. A project bringing on 7-800 gallons per minute of new source out of five new wells, including the raw water line to the cur	Merced District
Madera	2010012	HILLVIEW WATER CO-RAYMOND	001	Raymond 2010012 Compliance for Nitrate and Arsenic	15	\$2,000,000	F	Raymond Wells No. 8 & 9 exceed the Nitrate Maximum Contaminant Level. Well No. 8 is one of the primary wells in Raymond which has a marginal water supply at best. Arsenic is also a problem in several of the wells. The Nitrate level in the blended well	Raymond Wells No. 8 & 9 both have Nitrate levels which exceed the Nitrate Maximum Contaminant Level. Raymond Well No. 8 is the largest water producer of all the Raymond wells. Several of the Raymond wells also have Arsenic levels which exceed the Arsenic	Merced District
Marin	2100519	ESTERO MUTUAL	003	Well 12 conditioning	0	\$4,800	O	Well 12 requires conditioning and replacement of old pump and rusted surface casing to improve water supply and safety. Rusted surface casing may allow intrusion of foreign material, that could contaminate the well. Iron bacteria build up often clogs pump	Well 12 would be bailed out to remove excessive build up at bottom of well. Acid treated to help remove excess iron bacteria build up in well and rock stratum. Replacement of surface casing and installation of new pump and motor.	Sonoma District
Marin	2100519	ESTERO MUTUAL	004	Data logging and Recording Equipment	0	\$11,896	D	The surface water treatment plant does not have any data logging or recording equipment for raw or finished water. In order to be in compliance with surface water treatment rules, Estero Mutual needs to install in line monitoring equipment that can generate	The project would include the installation and calibration of in line data logging and recording equipment. Installation would be in Estero Mutuals treatment plant, and consist of wiring, plumbing, and mounting of equipment into existing system. Monitor	Sonoma District
Marin	2100538	TOMALES HIGH SCHOOL	002	Shoreline Unified School District-Tomales High School	20	\$750,000	O	Research the feasibility of consolidating three of the school districts public water systems; Tomales High School (2100538), Tomales Elementary School (2100560) and Shoreline School Dist. Bus Garage (2100577). Consolidate and develop new sources, and in	Research, design, install a new distribution system. Project will include engineering, design, installation or treatment and control systems, installation of new distribution system and monitoring. Project to include approximately 5,000 feet of 8 inch water	Sonoma District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Marin	2100579	NICASIO VALLEY RANCH MUTUAL	001	Nicasio Valley Ranch / Arsenic Mitigation	20	\$500,000	G	Current post-treatment arsenic levels exceed the Primary MCL. Secondary standards for iron, manganese, and color are exceeded as well. The complex water treatment system includes centralized, point-of-use, and point-of-entry components. Consequently, t	The goal of the project is to identify a new source for domestic water or for treatment of the existing source for arsenic removal. The project will include engineering, design, installation of treatment systems, or conveyance of new source water. The	Sonoma District
Marin	2100581	HOG ISLAND OYSTER CO.	001	Hog Island/Marshall Tavern Joint water Project	20	\$100,000	N	The sole water source, located close to Tomales Bay, is exhibiting water quality problems that are consistent with salt water intrusion. Flouride levels of 2.6 mg/L exceed the Primary MCL. Significant Secondary MCLs are violated. TDS is 1200 mg/L; Specific	Consolidation with the Marshall Tavern water system, which has an existing groundwater well with superior water quality compared to Hog Islands, is characterized by the local LPA as the most cost efficient and logistically superior solution to the water	Sonoma District
Marin	2110004	Stinson Beach County Wtr Dist	010	SBCWD Black Rock Raw Water Tanks Replacement Project	0	\$119,000	O	The raw water storage facilities of the Stinson Beach County Water District (District) include two (2) large redwood storage tanks, each having a capacity of 30,000 gallons. The redwood storage tanks (referred to as the Black Rock raw water storage tanks	The project involves the planning, design, and construction costs associated with replacing the Districts aged 30,000 gallon redwood storage tanks (two tanks totaling 60,000 gallons). The redwood tanks will be replaced with a series of smaller, low-prof	Sonoma District
Marin	2110004	Stinson Beach County Wtr Dist	011	SBCWD Seadrift Mainline Relocation Project	0	\$225,000	J	Existing on-site wastewater systems in the Seadrift area of Stinson Beach do not meet the 10-foot minimum setback requirement from potable water service pipelines. The District relocates approximately 400 feet of potable water pipeline every year such th	The project involves relocating approximately 400 feet of mainline potable water pipeline (6-inch and 4-inch diameter) annually at a cost of approximately \$45,000 each year.	Sonoma District
Marin	2110004	Stinson Beach County Wtr Dist	012	SBCWD Ranch Raw Water Tank Replacement Project	0	\$490,000	O	The raw water storage facilities of the Stinson Beach County Water District (District) include one (1) large bolted steel raw water storage tank, having a capacity of 410,000 gallons. The storage tank (referred to as the Ranch Raw Water Storage Tank) was	The project involves the planning, design, and construction costs associated with replacing the Districts aged 410,000 gallon bolted steel raw water tank. The tank will be replaced with a welded steel tank having equal capacity as the existing tank. Th	Sonoma District
Marin	2110004	Stinson Beach County Wtr Dist	013	SBCWD Surface WTP Replacement Project	0	\$2,421,500	O	The Stinson Beach County Water Districts (District) existing surface water treatment plant (WTP), constructed in 1978, utilizes a package conventional treatment plant with coagulation, flocculation, sedimentation, and filtration which was manufactured by	With regulatory requirements becoming more stringent and currently accepted treatment process trending towards obsolescence, the District is considering replacing its aged conventional WTP with a pressure membrane treatment facility. The District has beg	Sonoma District
Marin	2110005	Bolinas Community PUD	005	Planning & Feasibility Study: Upgrade BCPUD Water Distribution System	0	\$300,000	I	The BCPUD water distribution system is a gravity-fed, piecemeal system assembled over the last 80 years. The present district was formed in 1967 via the consolidation of two formerly-existing utility districts that each served different sections of the c	The planning and feasibility study will consist of a comprehensive engineering analysis of the BCPUDs water distribution system to identify, plan and prioritize system-wide improvement projects. This analysis will include, but not be limited to, a scruti	Sonoma District
Marin	2110005	Bolinas Community PUD	006	Planning & Feasibility Study: Upgrade BCPUD Water Distribution System	0	\$300,000	I	The BCPUD water distribution system is a gravity-fed, piecemeal system assembled over the last 80 years. The present district was formed in 1967 via the consolidation of two formerly-existing utility districts that each served different sections of the c	The planning and feasibility study will consist of a comprehensive engineering analysis of the BCPUDs water distribution system to identify, plan and prioritize system-wide improvement projects. This analysis will include, but not be limited to, a scruti	Sonoma District
Marin	2110005	Bolinas Community PUD	007	BCPUD Pilot Study: Elimination of Taste & Odor Problems	0	\$150,000	N	The BCPUD has three water supply sources: (1) surface water from the Arroyo Hondo creek; (2) surface water from Woodrat #1 reservoir; and (3) surface water from Woodrat #2 reservoir. The source of the water feeding the unnamed streams which fill the two	The BCPUD would like to conduct a pilot study to determine the origin contaminant(s) causing the taste and odor problems in its reservoir water sources and recommend a solution thereto. The study will involve the district retaining a chemical engineer, w	Sonoma District
Mariposa	2210901	Coulterville CSA 1	003	Coulterville Service Area Well and Storage Tank	25	\$410,000	M	The water system infrastructure in Coulterville is thirtyseven years old and, except for pump failure - most recently July 19, 2007 - is generally considered not to have reached its maximum service life. The problem in Coulterville is with the lack of ba	This project requires drilling a backup well and constructing storage to increase the capacity serving Coulterville, Ca. The request includes funding for planning, engineering, materials, equipment and construction. Materials and equipment include:* well	Merced District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Mendocino	2300502	Albion Mutual Water Company	001	Reservoir Roof Replacement	10	\$20,000	M	The flat, wood-frame roof on our 70,000 gallon concrete water tank is over 30 years old. The membrane roofing was replaced approximately 15 years ago. The perimeter venting system has been patched and repaired over time and the exposed wood edge blocking	The new roof will be a 5:12, wood frame, gable with a South facing slope to accommodate the future installation of a solar panel array. The attic area will provide for material storage and space for future relocation of water treatment functions. Desig	Mendocino District
Mendocino	2300584	Mendocino School District- Mendocino	001	Mendocino Unified School District Universal Pre-App	0	\$1,889,750	O	Project DescriptionReplace an aging and inadequately sized domestic water system for the Mendocino Unified School District. The current system is not reliable and does not meet requirements for water pressure. Existing Water SystemMany of the schools	Proposed new SystemThe current water system must be abandoned and replaced with a new system. The new system provides over a mile of new piping including new 12 inch, and then reduced to 10 inch, piping from the well site to the schools. The new line w	Mendocino District
Mendocino	2300606	Lake View Mutual Water Co.	003	Rehabilitation of Contaminated Well	0	\$25,500	M	We currently have four operating wells that produce a total of 33 gpm. One of these wells, the Lightel Well, reverts to its owner in August 2007. Currently with all four wells pumping at full capacity we can marginally keep up with peak summer demand, de	The McKee Well will undergo a major rehabilitation. This will include: 1. dismantling the current surface seal and surrounding structures 2. removal and replacement of the sanitary seal 3. scrubbing and disinfection of the casing 4. flushi	Mendocino District
Mendocino	2310007	North Gualala Water Company	004	Water Source & Contingency Plan	5	\$1,200,000	E	Investigate possible sources, prepare EIR, Contingency Plan, develop test wells, prepare new Water Rights permit, develop source reservoir, & treatment facilities.	Investigate possible sources, prepare EIR, Contingency Plan, develop test wells, prepare new Water Rights permit, develop source reservoir, & treatment facilities.	Mendocino District
Mendocino	2310007	North Gualala Water Company	006	Water Source & Storage Construction	5	\$10,200,000	E	By Order 2001-14, the State Water Resources Control Board (Board) requires our community to only operate two wells if minimum bypass requirements are met. These two wells account for 85% of our source production during maximum day demand. By Order WR 20	Following a planning study, NGWC plans to develop recommendations that address source capacity deficiencies. Our current source deficiency amounts to 250 gpm (or ac-feet). Our construction project would allow NGWC to comply with State Water Resources WR	Mendocino District
Mendocino	2310008	Redwood Valley County Water District	005	Redwood Valley Off Stream Storage	5	\$4,000,000	E	Redwood Valley is currently under a court ordered moratorium that does not allow new services. The District is also subject to a Cease and Desist Order from DWR regarding annexed areas that are currently being served. This feasibility study would allow th	Evaluate proposed off stream storage sites, including project design and environmental review. Also includes preliminary land survey.	Mendocino District
Mendocino	2310008	Redwood Valley County Water District	006	Redwood Valley Ground Water Source	0	\$2,000,000	E	Redwood Valley is currently under a court ordered moratorium that does not allow new services. The District is also subject to a Cease and Desist ORder from DWR regarding annexed areas that are currently being served. This project would allow the District	Develop a new ground water source to augment existing surface water supplies. Construction of a pipeline to bring new ground water to the existing surface water plant. The existing surface water plant is capable of removing iron and manganese, the most li	Mendocino District
Mendocino	2310013	Point Arena Water Works	002	Pumping Equipment, Replace the 15 HP submersible pump at Garcia River	0	\$13,700	O	Replace a 15H.P. submersible pump at the Garcia River. The pump is located on a raised pad 250 feet northwest of the old existing well, which floods during the winter time. When the river floods, it is impossible to get to the pump because the field is un	Acquisition of 15H.P. submersible pump to operate as a backup pump should the currently installed 15H.P. submersible pump at the Garcia Well 02 (which is the only source of water for the system) fail. It would take a minimum of two to three days to have a	Mendocino District
Mendocino	2310013	Point Arena Water Works	003	Security Gate and Fences	0	\$41,300	O	Install an electric gate and security fence at the main storage tanks located on 135 Riverside Drive, Point Arena. Install security fence around the Garcia River wells located on Windy Hollow Road, Point Arena.	Install an electric gate and security fence at the main storage tanks located on 135 Riverside Drive, Point Arena. Install security fence around the Garcia River wells located on Windy Hollow Road, Point Arena.	Mendocino District
Mendocino	2310013	Point Arena Water Works	004	Water Storage Tanks	0	\$40,000	M	Install new staves in the two 125,000-gallon storage tanks to stop the loss of water.	Install new staves in the two 125,000-gallon storage tanks to stop the loss of water from the tanks due to the condition of the old staves.	Mendocino District
Mendocino	2310013	Point Arena Water Works	005	Water Mains	0	\$75,900	O	Installation of approximately 540 feet of 12 main line on Mill Street, Point Arena to replace a deteriorated section of 6 main line, which is over 60 years old.	Upgrade a 60 year old 540 foot section of the 6 main line to a 12 main line. This upgrade will increase the fire flow protection of the City of Point Arena as well as secure the integrity of the infrastructure of the distribution pipes in that part of t	Mendocino District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Merced	2400108	MCHA LOS BANOS CENTER	001	Los Banos Migrant Center Water Supply Replacement	35	\$1,200,000	G	The Los Banos Migrant Center has an existing well that has high levels of uranium, arsenic, iron and manganese which exceed the MCLs. Other wells have been drilled in this area by the City of Los Banos but acceptable water could not be found.	The Housing Authority has contacted the City of Los Banos for a water service connection to the Migrant Center and the City has agreed to provide service. The project will include installing water distribution system improvements and a storage tank.	Merced District
Merced	2400172	MERCED ADULT CORRECTIONAL FACILITY	002	Merced County Correctional Facility Arsenic Reduction Project	0	\$1,113,670	G	Arsenic levels in all three groundwater wells that serve the Countys Juvenile Justice and Adult Correctional Facilities currently range from 15 ppb to 49 ppb. These levels exceed the new Federal Maximum Contaminant Level (MCL) for arsenic, which was re	The site consists of two separate correctional facilities (juvenile & adult) that are served by a total of three wells and three 100,000 gallon storage tanks. All three wells produce water with elevated levels of arsenic. Two looped 8 inch (8) water ma	Merced District
Merced	2410002	DOS PALOS-CITY	002	Dos Palos Surface Water Treatment Upgrade	0	\$5,000,000	G	The City has a surface water treatment plant that treats water from the California Aqueduct. The existing plant is very old and is in need of replacement so that it can continue to meet State standards for water quality.	The proposed project would replace the existing outdated water treatment system with a new facility	Merced District
Merced	2410003	GUSTINE CITY	001	City of Gustine Water System Prop 84 Pre-Application	0	\$3,500,000	N	The 2002 Water System Master Plan identified the major water quality problems in the Citys wells. These include high concentrations of salinity as measured by total dissolved solids (TDS) and high concentrations of nitrates, chlorides and sulfates. Pre	The project elements include the following:Design and construct a replacement well for Well No. 1, and provide wellhead treatment for nitrate at the new well. The well should be of equivalent capacity to deliver and treat 1,100 gpm.Design and construc	Merced District
Merced	2410011	LE GRAND COMM SERVICES DIST	003	Le Grand Community Services District Arsenic Treatment	0	\$1,750,000	L	The water from two of the Districts three wells exceed the MCL of 10 ppb for arsenic.	The District intends to install well head treatment at two well sites for the removal of arsenic.	Merced District
Merced	2410012	HILMAR COUNTY WATER DISTRICT	003	Hilmar County Water District Arsenic Treatment	10	\$3,500,000	G	The District presently has two wells (which provide 100% of their water) with arsenic concentrations that exceed 10 ppb.	The District intends to install an above ground storage tank and arsenic removal equipment.	Merced District
Monterey	2700509	OAK MANOR WS	001	Oak Manor Water Application	0	\$40,000	B	Current well is approximately 40 years old, and was originally an agricultural well with a single casing. Last year, we had high levels of coliform when our water was tested, during the rainy season. Our County Health Department seems to think that the	We need to hire professional consultants to find an appropriate location for a new well, and we will need to cap off the old one. We currently have two holding tanks, which will need to be inspected, and have the water lines re-routed to these tanks from	Monterey District
Monterey	2700606	HIDDEN VIEWS MHP WS	001	Number 2 well arsonic treatment	0	\$250,000	M	Well #2 tested arsonic levels in June of 2006. The MCL is 10. One test came back 31. In September of 2006 another lab tested .015.Well has been shut down from system since and we rely on Well #1 for the system leaving us without a backup. A new well	project may include drilling new well, and or new distribution system or treatment facility.	Monterey District
Monterey	2701068	IVERSON & JACKS APTS WS	002	Iverson and Jacks Apts Water System	0	\$92,309	F	Iverson & Jacks Apts Ws Problems: Continued contamination of Nitrates in water supply.Deemed unsafe for drinking and cooking testing at 74mg/LI tested on7/1/07 State drinking water limit 45mg/L	I want to provide clean pure drinkable water for my 30 families. There are some 150 people, 90 of which are children. I supply affordable housing for these families. The average rent for family is \$600.00.The adults are by large farm workers. Nitrate int	Monterey District
Monterey	2701221	WASHINGTON SCHOOL WS	002	WUSD Water System Grant WU	0	\$455,000	G	Washington Union School is located in a rural setting in the Corral de Tierra area of Monterey County. It serves 224 students. Due to several water quality problems this school is currently under a compliance order from the Monterey County Health Depart	Drill and construct a new well to current drinking water standards. Test for primary and secondary constituents. It has been demonstrated that the Arsenic MCL will not be mitigated by drilling a new well. Cadmium, Coliform and TTHMs may be reduced in	Monterey District
Monterey	2701227	SAN BENANCIO SCHOOL WS	003	WUSD Water System Grant SBMS	0	\$285,000	G	San Benancio Middle School is located in a rural setting in the Corral de Tierra area of Monterey County. It serves 327 students. Due to several water quality problems this school is currently under a compliance order from the Monterey County Health Dep	Design and install treatment for Arsenic removal and reduction of Copper levels below MCLs \$250,000Engineering Work \$ 30,000Monitoring equipment \$ 5,000Total Project Cost \$285,000	Monterey District
Monterey	2701241	ENCINAL RD WS #1	002	Encinal Rd. WS#1 Disinfection/Nitrate Removal System	0	\$350,000	F	Encinal Road Water System #1 has one well serving businesses and homes with domestic and irrigation water. The system has one older Ag. well with no treatment and no storage. Nitrate levels in this system are increasing each year and a recent test showed	Central Portable Exchange System - for Nitrate removalQuoted by Culligan July 23, 2007 \$111,600Cost of land and building to house system \$100,000 Cost to bring in power	Monterey District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Monterey	2701670	LANGLEY/VALLE PACIFICO WS	002	Langley/Valle Pacifico Well Replacement/Pipeline Project	0	\$480,000	G	The wells that provide water to the Langley/Valle Pacifico system all contain arsenic. The largest and primary well has arsenic levels that exceed action levels. These levels constitute a clear threat to the health and safety of the residents of the a	The proposed project will include the drilling and development of an offsite well and a delivery pipeline to provide an alternative source of water for the Langley/Valle Pacifico system. The project will include additional storage tanks and not more than	Monterey District
Monterey	2701926	MORO RD WS #09	001	Moro Road Water System #9 - tank replacement	0	\$80,000	O	The system has 6 storage tanks 3 -20,000 gallon tanks installed in 1979 and 3 -17,000 gallon tanks installed in 1997. The 3 - 20,000 gallon tanks have increasing shown signs of increased rusting inspite of regular painting & maintenance.	Replacement of the 3 - 20,000 gallon tanks is required. New tanks will be placed in the same area. The existing pads will be checked to see if they need to be replaced at the same time.	Monterey District
Monterey	2702003	VIERRA MEADOWS MWC	002	Design & Construct Source Water Arsenic Treatment Facility-- Replace this text with the title of you	0	\$75,000	G	Vierra Meadows Mutual Water Co. has 2 ground water wells. They are both contaminated with Arsenic, a primary constituent. They are also over the secondary MCL for Iron and Manganese. The Arsenic levels range up to 84 ug/l and fluctuate by the season. Iron	Due to the geographical location of Vierra Meadows Mutual Water Co. , consolidation is not feasible. We have chosen an adsorbition method of removing Arsenic since disposal of Co-precipitated Arsenic is too expensive. We propose to install a greensand Iron	Monterey District
Monterey	2702050	CHURCH OF THE GOOD SHEPHERD WS	002	Episcopal Church of the Good Shepherd in Corral de Tierra PreApp	0	\$13,000	G	Water System is contaminated with arsenic, and is therefore a hazard for anyone to drink, and even use to any great extent.	We are planning on fitting our system with a Culligan ASM2-2 lead/lag configuration Arsenic Exchange Tank SystemIncludes totalizing water meter, 20" pre sediment filter, pressure gauges, sample ports, and piping. We will then have an Independent Testing	Monterey District
Monterey	2702268	NEW CAMALDOLI HERMITAGE WS	002	Filter/Chlorine Treatment for Bacteriological Surface Water Contamination	0	\$90,000	M	We have two spring sources to supply our water needs. However, a few years ago one of the two springs began to test positive for coliforms in violation of the "Surface Water Treatment Rule." The positive coliform results are due to surface water contamina	Our proposed filtration/chlorination treatment system is multibarrier consisting of a two stage filtration system and chlorine disinfection system. The total system will be designed to remove and inactivate water borne pathogens, including Giardia, Crypto	Monterey District
Monterey	2710020	Pajaro Community Services District	002	Pajaro/Sunny Mesa CSD Water Purification & Treatment Project	30	\$5,000,000	O	The Pajaro/Sunny Mesa Community Services District (PSMCS) is solely dependant upon groundwater to serve its customers. PSMCS currently has no alternative potable water supplies. Many of the communities that are served by PSMCS are minority communitie	The project will entail one of two alternative proposals. The first and easiest solution would be the drilling and development of new wells to address the problems of nitrate and arsenic contamination. Additionally water delivery pipelines to intergrate	Monterey District
Napa	2810003	Napa, City of	005	Napa Water System Security Improvements	0	\$900,000	O	Since completing the Vulnerability Assessment in 2003, the City of Napa has implemented a number of security improvements within the water distribution system and at the treatment plants including security cameras, fencing, lighting improvements, and acce	Since completing the Vulnerability Assessment in 2003, the City of Napa has implemented a number of security improvements within the water distribution system and at the treatment plants including security cameras, fencing, lighting improvements, and acce	Mendocino District
Napa	2810003	Napa, City of	006	Jamieson Canyon Water Treatment Plant Ozone Project	0	\$7,400,000	O	BackgroundThe Jamieson Canyon Water Treatment Plant (JCWTP) has been unable to meet the Stage 1 Disinfectants/Disinfection Byproduct Rule (D/DBPR.) The source water for the JCWTP is North Bay Aqueduct water that is subject to episodes of high concentrat	The Jamieson Canyon Water Treatment Plant (JCWTP) serves 6 water systems in Napa County including the City of Napa, American Canyon, Yountville, St Helena, Calistoga and the Congress Valley Water District. The JCWTP is a critical facility to supply water	Mendocino District
Napa	2810003	Napa, City of	007	Jamieson Canyon Water Treatment Plant Washwater Recovery Improvements	0	\$5,400,000	I	The City of Napa's Jamieson Canyon Water Treatment Plant (JCWTP) treats water from the State Water Project via the North Bay Aqueduct. The raw water is consistently high in turbidity and total organic carbon. The JCWTP treats State Water Project water f	The existing Jamieson Canyon Water Treatment Plant (JCWTP) has been unable to meet the Cryptosporidium Action Plan (CAP) and Filter Backwash Recycle Requirement (FBRR). The recommended project to solve this problem is to combine the spent filter backwash	Mendocino District
Napa	2810008	Veterans Home of California	001	Rector Reservoir Solar Circulators	0	\$125,000	O	Algal blooms, iron, manganese, dissolved oxygen levels.This system is currently treating with copper sulfate for algae control. A neighboring system has recently been sued regarding use of copper sulfate under similar application.Iron and manganese pr	Purchase and installation of solar powered circulation equipment in the source water reservoir to provide environmentally acceptable alternative to chemical treatment for algae, iron and manganese.	Mendocino District
Napa	2810008	Veterans Home of California	002	Telemetry for Storage Tank	0	\$25,000	O	A project has just gone out to bid for rehabilitation of an existing 1 million gallon storage tank at the Veterans Home of California. This application is for funding to provide tank level and chlorine residual monitoring equipment and telemetry from th	Purchase and installation of a tank level transducer, chlorine residual analyzer and telemetry equipment to transmit the data from the storage tank to the water treatment plant where the data will be monitored and trended with associated alarms.	Mendocino District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Napa	2810008	Veterans Home of California	003	Clearwell Piping Modifications	0	\$125,000	O	The Rector Water Treatment Plant has a sub-floor serpentine clearwell for chlorine contact prior to transfer to storage. The inlet piping currently enters the clearwell approximately mid-span of the first chamber. This leaves an area approximately 40 feet	Project would consist of modifying the inlet piping to the existing clearwell by extending the piping approximately 40 feet to the head of the first chamber in the clearwell. Piping would be suspended from the roof of the clearwell. Project will requi	Mendocino District
Napa	2810008	Veterans Home of California	004	Replacement Media for Roughing Filters	0	\$50,000	O	The water treatment plant for the Veterans Home of California, Yountville is equipped with five pressure vessel filters, intended as roughing filters, ahead of two upflow clarifier / mixed media package filter units to aid in handling high turbidity of th	The project would consist of evaluation of media to determine the best material for the application followed by replacement of the existing media with the selected alternative media.	Mendocino District
Nevada	2905001	South Yuba River State Park	001	Installation of Water Storage Tank and Supply/Distribution Line	0	\$500,000	M	Currently the S. Yuba watersystem operates on a demand basis. We do have 3 pressure tanks installed in the system but we do not have any treated water storage. When we have power failures effecting the well, we must use a portable generator to power the	We propose to install an 25,000 gallon water storage tank on the hill next to S. Yuba River State Park. This park has a visitation of up to 2,500 visitors per day during the summer months and is currently only has 3 pressure tanks installed in the water	Valley District
Nevada	2910300	Malakoff Diggins SHP	001	Derbec Well Shed Replacement	0	\$200,000	O	Currently, the Derbec Well which provides water for Malakoff Diggins State Historic Park is located in a well shed just off of Derbec Road. This shed contains the well, chlorination equipment and 2 diesel generators. These generators provide power to th	We would like to construct a new 2 new buildings to house the well site to seperate the generators from the Derbec Well head. We would build one shed that would house the well head and needed electrical panels. The second shed would house the 2 new gene	Valley District
Nevada	2910300	Malakoff Diggins SHP	002	Malakoff Main Water Line Replacement	0	\$350,000	O	Currently the Malakoff State Historic Park main water line runs from the Derbec Well storage tank to the town of North Bloomfield. The line has numerous leaks and cracks in it. We are repairing it on a weekly basis and it will soon have more patches on	We would like to replace the waterline running through Malakoff Diggins State Historic Park to stop water loss from the pipe. We propose to run the pipe in the same location as it is right now from the upper park water storage tank to the lower town tank	Valley District
Orange	3000825	South Midway City Mutual Water Co.	002	Security Improvement Project	0	\$350,000	O	We hope to achieve improved water production security by replacing aged infrastructure/equipment, installation of emergency back-up power system, and by making site security improvements. Unfortunately, we do not have sufficient reserve fudns to achieve	Currently, we are seeking funds to make improvements to the Production side of our operation with our Water Production Security Improvement Project. Following, is a prioritized list of improvements, including estimated costs and total:1. Re-hab exi	Santa Ana District
Orange	3010001	City of Anaheim	005	La Palma Blending Plant Rehabilitation	0	\$5,000,000	O	Portions of the Orange County Groundwater Basin are contaminated with volatile organic compounds. One of Anaheims production wells, Well #14, contains low levels of trichloroethylene (TCE), tetrachloroethylene (PCE), and other chlorinated hydrocarbons t	Per the results of an economic feasibility study, this project would replace the two asphalt-lined, subterranean reservoirs with two 2MG fully enclosed, partially buried, prestressed concrete reservoirs. The new reservoirs would meet all current seismic	Santa Ana District
Orange	3010001	City of Anaheim	006	Emergency Interties Between Anaheim and Neighboring Cities	0	\$600,000	O	Intertie with the City of Buena Park: The City of Buena Park has no emergency interties and their 2005 Water Master Plan Study recommended several be installed. The proposed intertie between Anaheim and Buena Park water systems would be a two-way emergen	Intertie with the City of Buena Park: The City of Buena Park has no emergency interties and their 2005 Water Master Plan Study recommended several be installed. The proposed intertie between Anaheim and Buena Park water systems would be a two-way emergen	Santa Ana District
Orange	3010018	City of La Habra	001	La Habra Well #3 and Booster Station	0	\$4,500,000	O	La Habra produces 10 percent of its water from the local ground water basin. Currently there are three water quality issues associated with the local ground water basin which are all secondary standards. The first problem is Total Dissolved Solids that	Drill a 1400 feet deep 2500 GPM ground water well. Install sodium hexametaphosphate iron/manganese sequestering or a filter removal system. Install an air stripper for ammonia and hydrogen sulfide removal. Install 5000 feet of 24 diameter supply pipeline	Santa Ana District
Orange	3010027	City of Orange	001	Featherhill Watermain Replacement	0	\$900,000	O	The existing water mains serving this area are undersized and in needed to be replaced with larger diameter mains to enhance the fire flow. Also, all of these pipes have shown signs of deterioration over the last few years because of the age (installed i	This projects primary goal is to replace the existing undersized and increasingly deteriorated water mains in the area. Approximately 5,620 linear feet of existing 4 and 6 cast iron pipes are to be replaced with 8 and 10 ductile iron pipes to meet t	Santa Ana District
Orange	3010027	City of Orange	002	Water Well No. 27	0	\$1,700,000	O	The City of Orange Water System Master Plan, which was completed in 02/2007, indicated the need for a new water well in pressure zone 370 to mitigate the deficient supply in the near future. Besides the addition of a new well will enable the Water Divisi	Tentatively, the new well (Well 27) is proposed in the northwest quadrant of the City (within pressure zone 370. Well 27 will have a minimum capacity of 2,500 gpm and is scheduled to begin construction in spring 2008. According to the City of Orange Wat	Santa Ana District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Orange	3010027	City of Orange	003	Reservoir 3A	0	\$1,350,000	O	The City of Orange Water System Master Plan, which was completed in 02/2007, indicated the need for a minimum of two new reservoirs by the year of 2030 to meet the future demand and more importantly is to mitigate shortages during emergency. The first re	The new Res 3A is proposed to be constructed next to one of the City of Orange existing reservoir (Res 3) mainly because there is enough room at this particular site. Res 3A, upon completion will help to alleviate the demand shortage during emergency by	Santa Ana District
Orange	3010037	Yorba Linda Water District	002	YLWD Well No. 15 Removal of Arsenic and Manganese	0	\$760,000	O	Presently the Well No. 15 water source exceeds the 10 parts per billion (ppb) arsenic primary drinking water standards. Currently, the 2-year average arsenic level of Well No. 15 is at approximately 16.42 ppb and marginally exceeds the 50 ppb secondary (a	The least expensive method of correction for these chemical contaminants is adsorption by Iron-based adsorption media contactors-granular Ferric Hydroxide (GFH). This project would require piping modification, building enclosure, monitoring equipment, elec	Santa Ana District
Orange	3010037	Yorba Linda Water District	003	Yorba Linda Water District Non-Potable Irrigation Water Project	0	\$1,000,000	O	The local water contains TDS and Manganese.	The purpose of this project is to design and construct a non-potable groundwater well near the Santa Ana Riverbed in the eastern service area of Yorba Linda Water District, YLWD. The water from this local resource would be used for irrigating landscaped s	Santa Ana District
Orange	3010046	City of Tustin	005	City of Tustin - Tustin Avenue Well	0	\$3,025,000	O	The City of Tustin is located in central Orange County. Tustin is bordered by the City of Santa Ana to the west, Irvine to the east and south, and an unincorporated area of Orange County to the north. In the early 1980's, the City of Tustin acquired the	The well site will be located on a property between Old Tustin Avenue on the west, and Tustin Avenue on the east in the City of Santa Ana. The well facility will have accessibility from both Old Tustin Avenue and Tustin Avenue. The site will be located	Santa Ana District
Orange	3010092	Irvine Ranch Water District	001	Irvine Desalter Project Manganese Removal Upgrades	0	\$2,000,000	O	High manganese levels have caused operational problems and limited water production from the IRWD Irvine Desalter Project (IDP) Potable Treatment Plant (PTP). The current secondary MCL for manganese is 50 ug/L. PTP design information predicted the groun	The Manganese Removal Upgrades Project will enable the IRWD Irvine Desalter Project (IDP) Potable Treatment Plant (PTP) to evaluate treatment options, demonstrate improvements, and optimize facilities to meet drinking water standards, increase water produ	Santa Ana District
Placer	3100011	AUBURN VALLEY COMMUNITY SERVICE DIS	003	Valve Replacement and New Well	0	\$155,179	M	The gravity feed lines and control valves were installed in the mid 1970s. In 2004 when resolving water impurity problems at Auburn Valley CSD, we were unable to shut down the system using three key valves due to their leakage which was so high tha	With regards to the valve replacements, it is critical that these valves be replaced. At this time, if there is contamination somewhere in the water system it is impossible to shut down specific areas of the subdivision and repair any problems. Ins	Lassen District
Placer	3103666	SILVER CREEK SUMMER HOME TRACT	001	Silvercreek Arsenic Treatment	0	\$211,000	M	The drinking water for Silvercreek poses a serious health risk to consumers. The untreated community well services 23 dwellings. Water samples, analyzed at the entry point in the system, are high in arsenic, above the EPA's MCL. This is exacerbated by	To bring arsenic into compliance, under the MCL of 10ug/L, would require installation of new treatment technology and possibly utilizing a new water source or blending water sources. All scenarios require replacement and upgrading of the storage and dist	Lassen District
Placer	3110041	Midway Heights C. W. D.	002	.33 MG Treated Storage Tank	0	\$450,000	M	The water district has an unreliable source of raw water and insufficient storage for when the water source is interrupted. The Boardman Canal (owned and operated by Placer County Water Agency) is a +/- thirty five mile long raw water canal that supplies	Due to the unreliability of the Boardman Canal the District needs to provide as much storage for its customers as feasible. The District plans to build a 0.34 MG treated storage tank next to its existing 0.16 MG treated storage tank. Due to the topograph	Lassen District
Plumas	3200019	Oakland Feather River Camp	001	Oakland Camp/Camps in Common Water System	0	\$1,000,000	O	Oakland Camp faces numerous problems in delivering quality drinking water due to a low-performing well, a poorly retrofitted treatment plant and a deficient, decrepit distribution system which have foregone even routine maintenance for over a decade.	The project is only in the conception stages at this point since money is not currently available to do any of the work. If funded, the project requires study of all aspects of the system to install an adquate system to meet needs of the camp. Throug	Lassen District
Plumas	3200139	Almanor Heights MWC	001	Water tank replacement for Almanor Heights Mutual Water Company	0	\$163,000	M	The existing 40 year old 25,000 gallon steel bolted tank has deteriorated due to rust problems. We intalled a PVC liner 16 years ago but now rust on the spider rods and tank top, along with pin holes are beyond repair. Documentation, both written and photog	We wish to replace our 25,000 gallon steel bolted tank that is 40 years old and has rust problems on the interior. We would like to replace this with a 50,000 gallon steel bolted epoxy lined tank which would provide adequate and improved water supply and	Lassen District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Plumas	3200139	Almanor Heights MWC	002	Water line replacement on upper Scott and lower Terrace	0	\$162,751	O	Fifty year old 4 steel pipe watermain and one-4 fire hydrant are aged and need to be updated for improved domestic water supply and provide required fire protection.	Installation of 1347 of 8 PVC pipe, retirement of 1347 of 4 steel pipe plus installation of one 6 dry barrel fire hydrant. This project will also include six 8 gate valves and three 6 hydrant controls plus pavement cutting and replacement. This pro	Lassen District
Plumas	3200509	Clio PUD	003	installation of new water tank and transmission lines	0	\$600,000	O	Install a new 100,000 gallon tank to replace our existing 12,000 gallon tank. Including replacement of old (approx. 35 years) water transmission line from the tank to town (approx. 1.5 miles). The reasons for this are twofold. First, to supply adequate ba	This project will include the installation of a new, larger (100,000 gallon) water tank to replace our current 12,000 gallon tank. Our current tank would then be used as a backup or removed from the premises. In all probability the new tank will have to	Lassen District
Plumas	3205003	GOLD MOUNTAIN CSD	001	Upper Site Storage Tank Construction	0	\$1,500,000	O	The Gold Mountain Community Service District's water system was designed and approved with predicted well water yields that were sufficient for this small community. However, currently, the two existing wells that the District owns and uses produce appro	The District has set a goal fire flow of 750 gpm in addition to peak hour potable demands throughout a large part of the system. In order to meet this flow capability, constructing parallel lines or replacement of existing lines with larger diameter line	Lassen District
Plumas	3210300	Plumas-Eureka S.P.	001	Water Main Line Replacement/Relocation	0	\$250,000	M	Currently, the Plumas Eureka State Park main water line is exposed where it crosses Jamison Creek. The line was buried in an alluvial creekbed back 10 years ago and with winter runoff and summer storms, it has become exposed. When runoff occurs, large	We would like to re-locate the existing water line so it no longer crosses Jamison Creek. We propose to take the main line where it currently comes down from the storage tank and run it under an existing park road, thru a parking lot and then where it cr	Lassen District
Riverside	3301114	CHERRY VALLEY WATER COMPANY	001	CVWC Consolidation Project	35	\$750,000	M	Cherry Valley Water Company (CVWC) was formed in the early 1940s to serve a small unincorporated area of Cherry Valley. The company owns two wells operating at depths of 110 feet and 220 feet both equipped with 30 hp pumps. We have been using the 220 foot	Consolidate and annex into BCVWD by building a new distribution system to service 80 meters, which is requested by BCVWD as a condition for annexation. In order to meet these conditions the new distribution system would consist of:• 10,000 feet of 8" d	Riverside District
Riverside	3301380	SAINT ANTHONY TRAILER PARK	001	St Anthony	25	\$60,000	G	Violation of arsenic level standards-filtration device is needed to treat water and provide ongoing monitoring.50 MCL was the arsenic maximum, St Anthony tested at 20 MCL, the new level is 10 MCL. We have exceeded the maximum arsenic levels by 10 MCL.	We will need treatment equipment and monitoring equipment will possible construction of new distribution system to aid treatment equipment.	Riverside District
Riverside	3301494	PALM SPRINGS AERIAL TRAMWAY	001	Valley Station drinking water storage tank replacement	0	\$267,038	M	The Palm Springs Aerial Tramway (PSAT) is a Special District created by a special act by the state of California. PSAT provides aerial tramway transportation from the Valley Station (in Palm Springs) to the Mountain Station (in the San Jacinto mountains)	PSAT would like to remove the current Valley Station drinking water storage tank and replace it with 2 new 25 x 20 73.5kg drinking water storage tanks. The purpose of having 2 storage tanks is to continue providing safe drinking water to customers if t	Riverside District
Riverside	3301526	RAGSDALE WATER	001	Desert Center / Ragsdale Water System	0	\$2,000,000	M	We are developing a new water system and creating a mutual water company that will provide quality drinking water and fire flow for community growth.	To be determined	Riverside District
Riverside	3301588	ROYAL CARRIZO HOA	001	Uranium Treatment Installation Project-using Point-Of-Use (Alternative 1).	0	\$30,000	G	Royal Carrizo HOA is a small water system serving 19 homes in the mountains south of Palm Desert. We are, and have been for several years, in violation of MCL for uranium drinking water standard on all of our wells (including our newest well drilled at a	There are two primary ways the uranium problem can be solved: Point-of-Use (POU) devices and Large Scale reverse osmosis treatment. Our request in this application (Point-of-Use--Alternative 1) is more cost-effective since it is the cheaper option but pr	Riverside District
Riverside	3301755	SUNBIRD MHP, C/O HAWKEYE ASSET.MGMT	001	Sunbird Mobilehome Park	0	\$2,000,000	G	Sunbird Mobilehome Park services approximately 300 people. We have tested for arsenic annually, we are currently above the allowed mcls. Over the past 20 years of testing we are anywhere between 10 mcls-18mcls. With the new federal standards at 10mcl	The preferred project would be to consolidate with the CVWD. The project would consist of installing an appropriately sized transmission line form the nearest viable connection point as identified by CVWD, installed in county right of ways. And replace	Riverside District
Riverside	3301879	Sharondale Mesa HOA	001	Sharondale water service Line Replacement	0	\$350,000	O	Existing 1 plastic service lines are leaking in street creating substantial damage to street as well as loss of water. Plastic service lines need to be replaced with 1 copper pipe.	1 copper pipe will be installed to replace leaking 1 plastic service lines.1 corporation stops will be installed at the distribution pipeline to do away with the unvalved connections.	Riverside District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Riverside	3310004	Box Springs Mutual WC	004	Box Springs Mutual Water Company Nitrate Removal	0	\$1,960,000	M	The Box Springs Mutual Water Company (BSMWC) serves the severely disadvantaged community of Moreno Valley, near Riverside, California. The current service area covers 430 acres and supplies water to approximately 600 service connections. BSMWC currently	This project would fund the installation of a nitrate treatment system on well #17 to reduce the nitrate contamination level of the water prior to disinfection and distribution. This system will likely consist of a skid mounted selective contaminant well	Riverside District
Riverside	3310004	Box Springs Mutual WC	005	Box Springs Mutual Water Company Distribution System Improvements	0	\$7,350,000	M	The Box Springs Mutual Water Company (BSMWC) serves the severely disadvantaged community of Moreno Valley, near Riverside California. The current service area covers 430 acres and supplies water to approximately 600 customers. The industry standard for	This project will modernize an aging distribution system that is significantly passed its useful life by replacing a significant fraction of the corroded and deteriorated pipes that are currently in service. These infrastructure improvements will reduce w	Riverside District
Riverside	3310004	Box Springs Mutual WC	006	Box Springs Mutual Water Company Facility Improvements	0	\$2,270,000	M	The Box Springs Mutual Water Company (BSMWC) serves the severely disadvantaged community of Moreno Valley, near Riverside, California. The current service area is 430 acres, with approximately 600 service connections. BSMWC has an existing well and West	This project will aid in the modernization of a deteriorating distribution system. If funded, this project would replace the current pump station with an entirely new system that meets all applicable codes and requirements of this type of installation and	Riverside District
Riverside	3310007	Coachella, City of	001	Water Facilities Security System	0	\$175,000	O	Security for the municipal water wells, reservoirs, and booster stations in the city of Coachella.	Security for the municipal water wells, reservoirs, and booster stations in the city of Coachella.	Riverside District
Riverside	3310012	Elsinore Valley MWD	007	Canyon Lake Water Treatment Plant Ultraviolet Disinfection Project	0	\$2,000,000	M	Elsinore Valley Municipal Water District (EVMWD) obtains its potable water supplies from local groundwater, local surface water from Canyon Lake, and imported water from the State Water Project and the Colorado River via the Metropolitan Water District of	The UV Disinfection Project (Project) consists of constructing two parallel in-line UV Generators with a capacity of 9 mgd in the finished water piping between the filter gallery and chlorine contact tank at the Canyon Lake Water Treatment Plant for prima	Riverside District
Riverside	3310016	Hemet, City of	005	City of Hemet Water Department SCADA Telemetry System	0	\$350,000	O	The City of Hemet water distribution system, comprised of 12 wells, four above ground reservoirs, and 130 miles of main lines is manually operated and monitored. As a result, the system is vulnerable to a variety of adverse conditions including undetecte	Purchase and install radio-based Supervisory Control and Data Acquisition (SCADA) telemetry water infrastructure control system to allow water distribution system to be operated and monitored remotely. Benefits include increased system reliability and op	Riverside District
Riverside	3310016	Hemet, City of	006	City of Hemet Well Nitrate Removal System	0	\$800,000	F	The City of Hemet Water Department recently received DHS notification one of our 12 wells exceeds the current State Maximum Contaminant Level for nitrate of 45 mg/L. Recent samples taken at the well indicate a nitrate level of 65-75 mg/L. As a result, t	Purchase and installation of high-efficiency nitrate removal system to reduce nitrate levels to allow City of Hemet water distribution Well No. 3 to be returned to service.	Riverside District
Riverside	3310016	Hemet, City of	007	City of Hemet Emergency Interties	0	\$1,000,000	O	Installation of two water system interties to the City of Hemet water distribution system: One intertie with Lake Hemet Municipal Water District and an additional intertie with Eastern Municipal Water District. These two interties would expand the city's	Installation of two water system interties to the City of Hemet water distribution system: One intertie with Lake Hemet Municipal Water District and an additional intertie with Eastern Municipal Water District. These two interties would expand the city's	Riverside District
Riverside	3310020	Indio Water Authority	001	Construction of 4 Million Gallon Steel Reservoir at 40 Elevation	0	\$10,000,000	M	The City of Indios water system is supplied entirely by the Coachella Valley Ground Water Basin. The water system source is derived from 18 ground water wells. The system includes four groundwater production plants that each incorporates two wells at P	The proposed 4 million gallon reservoir will be constructed at 40' elevation with two new pipelines connecting the reservoir to the existing water distribution lines. The Indio Water Authority (IWA) proposes to award a contract for the first phase of	Riverside District
Riverside	3310020	Indio Water Authority	002	Construction of Plant 2 Reservoir and Booster Pump Station	0	\$10,609,500	M	The City of Indios water system is supplied entirely by the Coachella Valley Ground Water Basin. The water system source is derived from 18 ground water wells. The system includes four groundwater production plants that each incorporates two wells at P	The existing Plant 2 site is located on Crown Way. The existing facility consists of Well 2C and Well 2D. Well 2D is located at the Plant 2 facility, while Well 2C is located off-site and pumps to the site. The site also contains a 2 million gallon abo	Riverside District
Riverside	3310031	Riverside, City of	002	City of Riverside Palmyrita Nitrate Water Treatment Plant	0	\$5,700,000	M	The following table shows the range of the historical maximum concentration of contaminants in the project area. Contaminant Historical Maximum Range Maximum Contaminant Level (MCL) From To Dibromochloropropane (DBCP) (ug/L) 0.02 7.62 0.2Nitrate, NO3 (This project consists of maximizing the use of Palmyrita Well by providing treatment for nitrate at the existing regional Palmyrita Water Treatment Plant (PWTP). The PWTP currently treats four wells for the removal of dibromochloropropane (DBCP) using gra	Riverside District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Riverside	3310040	Fern Valley WD	002	Tahquitz Pines Water Project	0	\$185,000	O	We are a not-for-profit conference center and camp at about 5600 feet elevation. The local area has been getting drier and drier over the last 5-10 years. Our current and only well is dry at 320 feet. We only have 7900 gallons of storage with 2 tanks a	We have a serious capacity problem that not only effects our operation, but also the agencies that we have agreed to support in the event of an emergency (CDF and the Red Cross). Our local well and system is shut down and we are currently using city water	Riverside District
Riverside	3310044	Rubidoux Community SD	005	Well 17 & 18 Manganese Removal Treatment Facility	10	\$5,000,000	N	The proposed project involves the construction of a 5,000 gpm (max) Manganese removal treatment facility on District owned property. The proposed facility will treat the water from 2 existing on-site groundwater wells, each with Manganese concentrations	The Well 17 & 18 Manganese Removal Treatment facility is being proposed to eliminate Manganese from the water of 2 existing groundwater wells. The project includes the design and construction of a 5,000 gpm (max) Manganese removal facility. The treatment	Riverside District
Riverside	3310044	Rubidoux Community SD	007	Rubidoux Community Services District Emergency Interconnections	10	\$2,000,000	M	The Rubidoux Community Services District (District) is a multi-County public agency located in western Riverside and San Bernardino Counties. The District has approximately 6,350 active connections of which over 6,000 are single family residents. Domestic	The Rubidoux Community Services District (District) is a multi-County public agency located in western Riverside and San Bernardino Counties. The District has approximately 6,350 active connections of which over 6,000 are single family residents. Domestic	Riverside District
Riverside	3310047	Cabazon Water District	004	Replacement Pipelines in Southeast (1713) Pressure Zone	0	\$5,300,000	M	The District has a total of approximately 1,050 service connections. Of these, nearly 500 are located in its lowest pressure zone (the 1713 or Southeast Pressure Zone). The Southeast Pressure Zone is one of the oldest portions of the Districts system.	In general, the project proposed is to replace all of the old, undersized pipelines that serve the existing homes within the Southeast Pressure Zone in the areas that are essentially built out. In the areas that are not built out, new developers will be	Riverside District
Riverside	3310047	Cabazon Water District	005	Northwest (2156) Pressure Zone I-10 / Railroad Crossing	0	\$907,000	M	The District has a total of approximately 1,050 service connections. Of these, nearly all are located in the three pressure zones located below the Northwest (2156) Pressure Zone, which is the Districts highest pressure zone. However, one-half of the D	The project proposed is simply to add a parallel 16 bore and jacked waterline next to the existing 8 waterline. This will ensure that a sufficient quantity of water can be moved to and from the Northwest Pressure Zone. The total length of the bore and	Riverside District
Riverside	3310047	Cabazon Water District	006	Replacement Production Well in Southeast (1713) Pressure Zone	0	\$1,100,000	O	The District has a total of approximately 1,050 service connections. Of these, nearly 500 are located in its lowest pressure zone (the 1713 or Southeast Pressure Zone). The Southeast Pressure Zones single 0.5 MG water storage reservoir was once supplie	The project proposed is to drill and equip a new well pumping plant in the Southeast Pressure Zone consisting of a well, well pumping plant, electrical switchgear and instrumentation, discharge and blow-off piping, masonry block control building, emergen	Riverside District
Sacramento	3400167	WILLOW BERM MARINA	001	Willow Berm Marina Water System	15	\$500,000	G	The problem is the arsenic level is above new EPA drinking water standards in the willow berm marina water system.	The project will enable the willow berm marina to ensure the arsenic levels in the water system are reduced to below the current or future EPA standards for arsenic.	Sacramento District
Sacramento	3400259	GRANT HIGH SCHOOL	001	Grant High Water project	20	\$185,000	M	The site well and associated motor and storage tank are deteriorating and have reached the end of their life cycle. These were installed when the school was built in the early fortys. The well water has often times tested positive for Coliform.The proj	The project will consist of tying (consolidating) with a large water system.Trenching 800 ft. to city tie in.Installing six inch water main to school.installing backflow device at city tie in.Re-routing of existing water line to new six inch main.Re	Sacramento District
Sacramento	3400260	HIGHLANDS HIGH SCHOOL	001	Don Julio Water Consolodation Project	20	\$220,000	M	The well and associated motor, storage tank are deteriorating and reached the nd of their life cycle. They were installed when the school was built in 1962. The well water has often times tested positive for Coliform. Consolodating with a large water syst	The project will consist of of tying i(consolodation) into the city water system. Trenching approximately 600 ft. Installing a six inch watr main to the site.Installing backflow device at city tie in.Re-routing of existing water to new six inch main.	Sacramento District
Sacramento	3400263	RIO TIERRA JUNIOR HIGH SCHOOL	001	Rio Tierra, Water Consolodation Project	20	\$203,000	M	The site well and associated motor, storage tank are deteriorating and have reached the end of their life cycle. These were installed when the school was built in 1964. The well water has often times tested positive for coliform.This project will allo	Project will consist of tying (consolodation) into city water system. Trenching 550 ft. and laying six inch water main.Installing backflow device at city tie-in-Re-routing of existing water line from well to new six inchwater main from city main.Disase	Sacramento District
Sacramento	3400332	OXBOW MARINA	001	Oxbow Marina Mutral Water Co. - Arsenic Remediation	0	\$600,000	G	The EPA has set the arsenic standard for drinking water at 0.010 parts per million (10 parts per billion) to protect consumers served by public water systems from the long-term, chronic exposure to arsenenic. The Oxbow Marina Water Company currently has w	The first phase of the Project will be Preliminary Engineering to assess possible solutions. This will include various solutions acceptable to the regulatory agencies and a preliminary costing of alternatives, including initial construction and cost of o	Sacramento District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Sacramento	3410018	Rio Linda/Elverta Community Water Dist	004	Rio Linda/Elverta Community Water District - Well #14 Project	5	\$3,100,000	E	The Federally mandated arsenic standard of 10 ppb caused the Rio Linda/Elverta Community Water District to shut down two of its 11 groundwater wells. The two wells (numbers 3 & 5) had historic arsenic levels of 9-14 ppb and 15-22 ppb respectively. The w	The Rio Linda/Elverta Well #14 Project consists of developing a new well in western Rio Linda to replace two wells lost due to arsenic levels. The project consists of: a 1,500 gpm (minimum) well with variable speed control; pumphouse and hydropneumatic t	Sacramento District
Sacramento	3410018	Rio Linda/Elverta Community Water Dist	005	Rio Linda/Elverta Community Water District - SCADA Project	5	\$964,000	K	The Rio Linda/Elverta Community Water District currently has 9 wells that provide groundwater to the community, (we shut down two wells last year due to arsenic, but that is the subject of different applications). Currently the only treatment required at	The Rio Linda/Elverta Community Water District currently has 9 wells that provide groundwater to the community, (we shut down two wells last year due to arsenic, but that is the subject of different applications). Currently the only treatment required at	Sacramento District
Sacramento	3410018	Rio Linda/Elverta Community Water Dist	006	Rio Linda/Elverta Community Water District - Storage Tank	5	\$1,500,000	E	The Rio Linda/Elverta Community Water District is working with Sacramento Suburban Water District to finalize an agreement to purchase surface water in support of groundwater management. In order to effectively and reliably take the water when available	The Rio Linda/Elverta Community Water District - Storage Project will include: a 1.5 million gallon storage tank; booster pump station; emergency power; piping for intertie and connection to existing distribution system; control valves and SCADA for remot	Sacramento District
Sacramento	3410018	Rio Linda/Elverta Community Water Dist	007	Rio Linda/Elverta Community Water District - Well #5 Arsenic Treatment Facility	5	\$600,000	E	The Rio Linda/Elverta Community Water District was forced to take two wells out of production in 2006 due to the Federal Arsenic standard of 10 ppb. One of the wells will be officially abandoned this year due to age and lack of a large enough site to ad	This project would reactivate Well #5 by installing: a new well pump and electronic controls; new piping; arsenic treatment system and disinfection system. We would use the existing well and hydropneumatic tank, and piping modifications would be minimal	Sacramento District
San Benito	3500509	Tres Pinos CWD	002	Tres Pinos Water District - Waterworks Improvement Project	0	\$1,666,350	M	The waterworks improvement project will supply fire flow to a community that currently does not have adequate fire flow; it will lift the moratorium on new connections which has been in effect for over 10 years. It also includes pipeline improvements whi	The waterworks improvement project includes two new 250,000 gallon water tanks, land purchase for tank site, new 800 gpm well, 12 pipelines: (Southside to Quien Sabe along Bolado; Third St., F to Airline; First St., F to Airline; Airline to Fifth St, dow	Monterey District
San Benito	3500537	St. Francis Retreat Center	001	St. Francis Retreat Water Treatment Upgrade	0	\$90,000	C	The primary well, and only well to remain in production through the year, was drilled in the 1960s and installed without an annular seal. Tests have revealed that the static water level in the well equates to the groundwater level of the adjacent pond.	Fall Creek Engineering of Santa Cruz, CA has designed a treatment system that would deal with our demand and the existing conditions. Elements of the plan include-- Ozone generator, injector and contact tank-- Strainrite filtration system (3 unit syst	Monterey District
San Bernardino	3600070	CENTER WATER CO	001	Consolidation of Lucerne Vista Mutual Water Company, Lucerne Valley Market, CSA-29, and Center Water	45	\$3,700,000	M	Sources of water in the Lucerne Valley area are individual systems (parcel-by-parcel, well-by-well) operated by property owners and small mutual water companies, some of which currently cannot meet service requirements and will not likely be able to accom	Sources of water in the Lucerne Valley area are individual systems (parcel-by-parcel, well-by-well) operated by property owners and small mutual water companies, some of which currently cannot meet service requirements and will not likely be able to accom	San Bernardino District
San Bernardino	3600070	CENTER WATER CO	002	Consolidation of western Lucerne Valley water systems with Center Water Company.	45	\$5,000,000	M	Sources of water in the Lucerne Valley area are individual systems (parcel-by-parcel, well-by-well) operated by property owners and small mutual water companies, some of which currently cannot meet service requirements and will not likely be able to accom	Sources of water in the Lucerne Valley area are individual systems (parcel-by-parcel, well-by-well) operated by property owners and small mutual water companies, some of which currently cannot meet service requirements and will not likely be able to accom	San Bernardino District
San Bernardino	3600100	EAST WOOD FARMS CWU	003	Eastwood Farms Community Water Users Water System Improvement Project	20	\$2,500,000	E	Eastwood Farms Community Water Users (EFCWU) is a private corporation organized and operating as a mutual water company incorporated and existing under the laws of the State of California. EFCWUs service area is within the jurisdictional boundaries of E	Eastwood Farms Community Water Users (EFCWU) is a private corporation organized and operating as a mutual water company incorporated and existing under the laws of the State of California. EFCWUs service area is within the jurisdictional boundaries of E	San Bernardino District
San Bernardino	3600260	SMILEY PARK COUNTRY CLUB	001	Smiley Park Hydrology Study	0	\$35,000	M	Smiley Park Country Club is a private community in the San Bernardino mountains near Running Springs. This is a community of 165 building sites (125 currently have water connections) in an area of 265 acres. Smiley Park maintains a private water system	In order to properly plan for additional wells to meet both our current and future needs, we first need to conduct a Hydrology Study by a qualified engineer/geologist. This study will investigate potential groundwater sources and recommend the optimal lo	San Bernardino District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
San Bernardino	3600260	SMILEY PARK COUNTRY CLUB	002	Smiley Park Well	0	\$35,000	M	Smiley Park Country Club is a private community in the San Bernardino Mountains near Running Springs. This is a community of 165 building sites (125 currently have water connections) in an area of 265 acres. Smiley Park maintains a private water system	We have proposed in a separate application to conduct a Hydrology Study to identify appropriate sites of groundwater in which to drill a new vertical well. This proposal is a request to drill one vertical well. We expect a qualified drilling contractor	San Bernardino District
San Bernardino	3600260	SMILEY PARK COUNTRY CLUB	003	Smiley Park Tank Monitoring System	0	\$5,000	O	Smiley Park Country Club is a private community in the San Bernardino Mountains near Running Springs. This is a community of 165 building sites (125 currently have water connections) in an area of 265 acres. Smiley Park maintains a private water system	We propose to install an automatic, digital tank level monitoring system which will indicate when the tank is both very low and when it is close to overflow. The digital information will be sent wirelessly to allow monitoring. In addition, during overflo	San Bernardino District
San Bernardino	3600260	SMILEY PARK COUNTRY CLUB	004	Smiley Park Corrosivity Treatment System	0	\$30,000	O	Smiley Park Country Club is a private community in the San Bernardino Mountains near Running Springs. This is a community of 165 building sites (125 currently have water connections) in an area of 265 acres. Smiley Park maintains a private water system	A recommended treatment to reduce corrosivity is an aeration system which allows dissolved CO2 to be released resulting in raising the pH and, hence, reducing the corrosivity. An aeration system is preferred over treatment system that add chemicals to t	San Bernardino District
San Bernardino	3600452	LUCERNE VALLEY PARKS & REC (CSA 29)	001	Consolidation of County Service Area 29 with Lucerne Valley Unified School District	20	\$3,700,000	M	Sources of water in the Lucerne Valley area are individual systems (parcel-by-parcel, well-by-well) operated by property owners and small mutual water companies, some of which currently cannot meet service requirements and will not likely be able to accom	Sources of water in the Lucerne Valley area are individual systems (parcel-by-parcel, well-by-well) operated by property owners and small mutual water companies, some of which currently cannot meet service requirements and will not likely be able to accom	San Bernardino District
San Bernardino	3601055	ROADRUNNER MOBILE HOME PK	001	Roadrunner MHP- Morongo Valley	20	\$35,000	G	The water system for Roadrunner MHP currently services 59 mobile home spaces and 2 cottages. During the past 12+ months the uranium count continued to increase and has remained above recommended guidelines for the past several months. According to corres	Installation of a water filtration system located at the well pump and storage tank area. Due to the inability to secure an estimate prior to the application deadline the details of installing the filters is not available. However it was mentioned that	San Bernardino District
San Bernardino	3610023	GREEN VALLEY MWC	002	gvl ac main replacement	20	\$5,000,000	M	This project is for the purpose of water distribution system replacement. The project covers replacement of asbestos cement (a.c.) pipe that is approximately 45 years old. Much of the distribution system is substandard in size 4 inch diameter and does not	Project is to replace existing 45 year old asbestos cement pipe distribution system with minimum standard of 6 inch or greater (as needed) of PVC C-900 pipe. Included in this project will be the replacement of metered service line replacement for domesti	San Bernardino District
San Bernardino	3610034	ONTARIO, CITY OF	001	Water Facilities Security Improvements	0	\$1,200,000	O	The current City of Ontario Water System Security Vulnerability Assessment (WSSVA) outlines renovations and upgrades that need to be made to all the City's water facilities to ensure the security of the City's water system. All well sites, reservoirs, pre	The current City of Ontario Water System Security Vulnerability Assessment (WSSVA) outlines renovations and upgrades that need to be made to all the City's water facilities to ensure the security of the City's water system. All well sites, reservoirs, pre	San Bernardino District
San Bernardino	3610034	ONTARIO, CITY OF	002	Well 9 Ion Exchange Wellhead Treatment	0	\$6,000,000	F	Laboratory results from water samples taken at Well 9 on January 22, 2007 indicate a perchlorate concentration is 6 ug/l. These results are equal to the perchlorate public health goal contaminant level of 6 ug/l. As a result of the high perchlorate con	The proposed project includes planning, design and construction of an onsite ion exchange water treatment facility to treat the Well 15 discharge to remove perchlorate. The project will consist of preliminary design, detailed design and construction p	San Bernardino District
San Bernardino	3610034	ONTARIO, CITY OF	003	Design, Drilling, Construction, Testing, and Equipping of Well No. 42	0	\$3,000,000	F	The City of Ontario currently has six existing wells out-of-service. Four of the wells are out-of-service due to age and will be destroyed. Two of the wells are out-of-service due to water quality issues and are candidates for wellhead treatment. The six	The City of Ontario currently has six wells out-of-service. Four of the wells are out-of-service due to age and will be destroyed. Two of the wells are out-of-service due to water quality issues and are candidates for wellhead treatment. The six wells ou	San Bernardino District
San Bernardino	3610037	REDLANDS CITY MUD-WATER DIV	007	City of Redlands Horace Hinckley Water Treatment Plant Upgrade	0	\$12,000,000	I	The Hinckley Water Treatment Plant (WTP) has two main primary sources of water for treatment and then distribution to the City of Redlands. These two source waters, which are both surface waters, consist of the following:1. Santa Ana River (SAR) water	The City plans to improve the process of the WTP, reservoirs, and distribution system in order to address both the turbidity problems when running on SAR water and the DBP problems when running on SWP water. Preliminary evaluations have been completed of	San Bernardino District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
San Bernardino	3610039	SAN BERNARDINO CITY	018	Waterman Pump Station Upgrade	0	\$1,500,000	O	The existing pumps in this project are located in a buried vault deep in the ground. The facility is about 60 years old based on the needs of the time. Maintenance is costly and difficult. Current confined space regulations make it even more difficult	Existing pump station has a total capacity of 8,800 gpm pumping from a reservoir to a higher pressure zone with a static head differential of 167 ft. The project consists of removal of an existing vault roof slab and replacing it with a new slab designed	San Bernardino District
San Bernardino	3610039	SAN BERNARDINO CITY	019	Additional Capacity for Pump Station pumping from Upper to Mountain Zones	0	\$1,000,000	O	The San Bernardino Municipal Water Department has sixty six (66) water pumping facilities in its service area. These pumping stations pump water from lower pressure zones to higher pressure zones, when water demand in the higher zones is more than the so	The Upper to Mountain Pumping Plant is also referred to as Mountain Pump Station and is located on Electric Drive north of Northpark. The combined capacity of this pump station is 1,500 gpm. The Master Plan recommends additional pumping capacity of 2,00	San Bernardino District
San Bernardino	3610039	SAN BERNARDINO CITY	020	Additional Capacity for Pump Station pumping from Upper to Sycamore Zones	0	\$500,000	O	The San Bernardino Municipal Water Department has sixty six (66) water pumping facilities in its service area. These pumping stations pump water from lower pressure zones to higher pressure zones, when water demand in higher zones is more than the source	The Upper to Sycamore Zone Pumping Plant is located on 48th Street in the City of San Bernardino. The combined capacity of this pump station is 6533 gpm. The Master Plan recommends an additional pumping capacity of 1,606 gpm of additional capacity as Pr	San Bernardino District
San Bernardino	3610039	SAN BERNARDINO CITY	021	3 MG Reservoir in Terrace Zone	0	\$3,250,000	O	The existing reservoir capacity in the Terrace Pressure Zone of the City of San Bernardino is 2.4 MG (million gallons). The Water Master Plan of 2007 identifies the need for an additional 3 MG capacity in this pressure zone as Priority 1. Priority 1 is	The Terrace Pressure Zone, also known as 1312 Zone, is located at the south west area of the City of San Bernardino. Construction of a 3 MG reservoir requires finding an appropriate site to accommodate a reservoir of this size. Once an appropriate site	San Bernardino District
San Bernardino	3610039	SAN BERNARDINO CITY	022	Replacement of 36 Pipe With 42 on Medical Center Drive	0	\$1,701,000	O	The San Bernardino Municipal Water Departments Water Master Plan of 2007 has identified certain pipe segments in the water distribution network that are undersized for the increasing current and future water demands. The Master Plan recommends that thes	This project is located in the Lower Pressure Zone of the City of San Bernardino. A 36 pipe currently is located along Medical Center Drive from Medical Center Reservoir to 20th Street. The total length of this pipe is 2,700 LF. The Water Master Plan	San Bernardino District
San Bernardino	3610039	SAN BERNARDINO CITY	023	Replacement of 24 Pipe with 42 on 20th Street	0	\$1,197,000	O	The San Bernardino Municipal Water Departments Water Master Plan of 2007 has identified certain pipe segments in the water distribution network that are undersized to meet the increasing current and future water demands. The Master Plan recommends that	This project is located in the Lower Pressure Zone of the City of San Bernardino. A 24 pipe is currently located between a 42 pipe and a 36 pipe, which needs to be upsized to 42. The existing 24 pipe, therefore, causes a restriction in the flow of	San Bernardino District
San Bernardino	3610039	SAN BERNARDINO CITY	024	Palm No. 3 Reservoir	0	\$4,000,000	O	The existing reservoir capacity in the College and Devil Canyon Pressure Zone of the City of San Bernardino is 8.1 MG (million gallons). The Water Master Plan of 2007 has identified the need for an additional 12 MG capacity in this pressure zone. Of thi	The College/Palm Zone, also known as 1720 Zone, is an important zone located in the northwestern area of the City of San Bernardino. This area is one of the two zones with the highest water demands and storage requirements. Construction of a 4 MG reserv	San Bernardino District
San Bernardino	3610039	SAN BERNARDINO CITY	025	Replacement of 6 Pipe with 20 on I Street	0	\$960,000	O	The San Bernardino Municipal Water Departments Water Master Plan of 2007 has identified certain pipe segments in the water distribution network that are undersized to meet the increasing current and future water demands. The Master Plan recommends that	This project is located in the Lower Pressure Zone (also known as Zone 1249) of the City of San Bernardino. A 6 line is currently located between two larger diameter pipes at the two ends. The existing 6 pipe, therefore, causes a restriction in the fl	San Bernardino District
San Bernardino	3610039	SAN BERNARDINO CITY	026	Replacement of 6 Pipe with 12 on California Avenue	0	\$864,000	O	The San Bernardino Municipal Water Departments Water Master Plan of 2007 has identified certain pipe segments in the water distribution network that are undersized to meet the increasing current and future water demands. The Master Plan recommends that	This project is located in the Upper Pressure Zone (also known as Zone 1415) of the City of San Bernardino. The project is located in California Avenue between 30th Street to 19th Street for a distance of about 4,800 LF. A 6 pipe is located between two	San Bernardino District
San Bernardino	3610039	SAN BERNARDINO CITY	027	Replacement of 8 Pipe with 16 on I Street	0	\$768,000	O	The San Bernardino Municipal Water Departments Water Master Plan of 2007 has identified certain pipe segments in the water distribution network that are undersized to meet the increasing current and future water demands. The Master Plan recommends that	This project is located in the Lower Pressure Zone (also knkown as Zone 1249) of the City of San Bernardino. A 8 pipe is currently located between two larger pipes at the two ends. The existing 8 pipe, therefore, causes a restriction in the flow of wat	San Bernardino District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
San Bernardino	3610039	SAN BERNARDINO CITY	028	Replacement of 6 pipe with 12 on 16th Street	0	\$756,000	O	The San Bernardino Municipal Water Departments Water Master Plan of 2007 has identified certain pipe segments in the water distribution network that are undersized to meet the increasing current and future water demands. The Master Plan recommends that	This project is located in the Upper Pressure Zone (also known as Zone 1415) of the City of San Bernardino. The project is located in 16th Street between Medical Center Drive and Massachusetts Avenue for a distance of 4,200 LF. A 6 pipe is located betw	San Bernardino District
San Bernardino	3610039	SAN BERNARDINO CITY	029	Replacement of 12 Pipe with 16 on Meridian Avenue	0	\$696,000	O	The San Bernardino Municipal Water Departments Water Master Plan of 2007 has identified certain pipe segments in the water distribution network that are undersized to meet the increasing current and future water demands. The Master Plan recommends that	This project is located in the Elevated Pressure Zone (also known as 1383 Zone) of the City of San Bernardino. The project is located in Meridian Avenue between Baseline Street and Etiwanda Avenue for a distance of 2,900 LF. This pipe provides the link	San Bernardino District
San Bernardino	3610039	SAN BERNARDINO CITY	030	Replacement of a 6 Pipe with 12 in Sierra Way	0	\$486,000	O	The San Bernardino Municipal Water Departments Water Master Plan of 2007 has identified certain pipe segments in the water distribution network that are undersized to meet the increasing current and future water demands. The Master Plan recommends that	This project is located in the Mountain Pressure Zone (also known as 1633 Pressure Zone) of the City of San Bernardino. The project is located in Sierra Way between 40th Street and Sepulveda Street, for a distance of 2,700 LF. The existing 6 pipe is b	San Bernardino District
San Bernardino	3610039	SAN BERNARDINO CITY	031	Replace 4 Steel Pipe with 8 DIP in Pershing Avenue	0	\$287,000	O	The San Bernardino Municipal Water Departments Water Master Plan of 2007 has identified certain pipe segments that are substandard for the current needs of the City of San Bernardino. Some of these are pipes with diameters varying in size from 1 inch to	An existing 4 steel pipe in Pershing Avenue extends from 27th Street to north of 29th Street needs to be replaced with a standard 8 ductile iron pipe. This pipe has been in service in 1924 (83 years in service). The total length of this pipe is 1,650	San Bernardino District
San Bernardino	3610039	SAN BERNARDINO CITY	032	Replace 4 Steel Pipe with 8 DIP in F Street	0	\$400,000	O	The San Bernardino Municipal Water Departments Water Master Plan of 2007 has identified certain pipe segments that are substandard for the current needs of the City of San Bernardino. Some of these are pipes with diameters varying in size from 1 inch to	An existing 4 steel pipe in F Street extends from 30th Street to 34th Street and needs to be replaced with a standard 8 ductile iron pipe. This pipe has been in service since 1924 (83 years in service). The total length of the pipe is 2,300 LF.	San Bernardino District
San Bernardino	3610064	EAST VALLEY WD	003	Plant 150	0	\$26,000,000	F	East Valley Water District (EVWD) currently has nine wells out of eleven in service that will exceed the future regulation of 6 ppb MCL for Perchlorate, and the detection level of 4 ppb. Three wells, plant 11, 12, and 28 draw water from the Bunker Hill Ba	The District purchased 4.6 acres of property on which it intends to construct Plant 150, a groundwater treatment, blending and distribution facility. Plant 150 will collect, treat and distribute groundwater from plant 11, 12, and 28, as well as from a fut	San Bernardino District
San Bernardino	3610064	EAST VALLEY WD	004	Plant 152	0	\$24,772,000	O	East Valley Water District (EVWD) currently has nine wells out of eleven in service that will exceed the future regulation of 6 ppb MCL for Perchlorate, and the detection level of 4 ppb. Three of the wells are plant 24B, 25 and 107. Well 24A which has a n	In order to meet current and future drinking water regulations East Valley Water District (EVWD) intends to construct Plant 152. Plant 152 would be designed as a centralized groundwater treatment, blending and distribution facility. Groundwater from nearb	San Bernardino District
San Bernardino	3610064	EAST VALLEY WD	005	Plant 134	0	\$11,500,000	I	Historically, the EVWD has been in compliance with Stage 1 D/DBP Rule requirements because compliance was based on averaging results from samples collected throughout the distribution system. In addition, treatment requirements for improved disinfections	The modernization of the current District plant 134 will update the plant to comply with new regulations, and increase the supply of potable water to the public. The plant currently delivers 4.0 MGD of potable water to the residents of Highland. Upon comp	San Bernardino District
San Bernardino	3610112	SBDNO COUNTY SERV. AREA 70C	005	Arsenic Supply Alternatives- New Source Development	0	\$2,750,000	G	Problem:The Helendale Community Services District assumed operations from the County of San Bernardino Special District's Department on April 1, 2007. The water supply consists of seven production wells. There are three main production wells that excee	Problem:The Helendale Community Services District assumed operations from the County of San Bernardino Special District's Department on April 1, 2007. The water supply consists of seven production wells. There are three main production wells that excee	San Bernardino District
San Diego	3700011	STELZER COUNTY PARK	001	Louis A. Stelzer County Park New Well	0	\$300,000	O	Louis A. Stelzer has a history of bacterial contamination possibly under the influence of surface water. Close proximity to a seasonal creek with developed population upstream. August 30, 2006 a Boil Water Order with Compliance Order was given.	The existing source (well) is within 20 feet of a seasonal creek with a developed population upstream. A new source (well) needs to be drilled at least 100 or within acceptable well standard distances from the potential influence of the seasonal creek th	San Diego District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
San Diego	3700071	HEAVENLY OAKS	001	Heavenly Oaks Well #4 Project	0	\$50,000	G	We have been instructed to Sample for Gross alpha quarterly. The samples have come back high. Our readings are :Date GA Results 5/23/2006 2.38pCi/L09/12/2006 17.1pCi/L12/04/2006 18	We currently have 2 operating wells and a third well that is not in operation. We propose drilling a new source water well. Well 1 is our well with GA problems. Well 2 has excellent water quality, but its production is not sufficient. We plan on Drilling	San Diego District
San Diego	3700072	WILLIAM HEISE COUNTY PARK	001	Wm. Heise County Park New Well Construction	0	\$400,000	D	Consistent history of bacterial influence may be due to an 11 annular seal and immediate proximity to an annular creek. This problem was noted and reported in the latest inspection report dated 6/22/06.	Existing source (well) is in immediate proximity to annual creek and bacterial influence is suspected due to location and lack of adequate annular seal. A new well needs to be drilled at least 100 from the annual creek or according to well standards.	San Diego District
San Diego	3700958	LOS TULES MUTUAL WATER COMPANY	003	Los Tules Mutal Water Company Uranium Solution/Blended Water	10	\$300,000	G	The Los Tules Mutual Water Company (LTMWC) has been given a compliance order from the County of San Diego Department of Environmental Health because water quality tests indicate that the gross alpha particle activity and uranium in our primary wells exce	To reduce the high concentration of uranium in our existing wells/water, it is our plan to locate and drill one or more new wells and, if necessary based on output, use a blended water approach. Phase #1 funds would be used to hire a hydrogeologist to	San Diego District
San Diego	3701010	WARNER UNIFIED SCHOOL DISTRICT	001	wildcat well system	0	\$100,000	O	Currently we have well #2 off line at this time due to being too old andnot being able to have improvements done on this well. We have only1 potable system at this time at our district. We are in need of anotherwell due to the fact that if our curre	Well #2 will have to be removed. Hopefully a new one will be installed at a different location due to the fact that we have a permanent housingfor our animals on the campus currently as well. If installed in the same location this could be problematic	San Diego District
San Diego	3701213	BORREGO SPRINGS PARK COMMUNITY SERVICES	001	Borrego Springs Park Community Services District - Intertie Pipeline Project	35	\$1,500,000	J	Borrego Springs Park Community Services District (BSP-CSD) is under County of San Diego Department of Environmental Health order to increase the total water storage in the system. Also, a major well (well#4) has collapsed reducing the total capacity of	This project will include the necessary piping, valves, check valves, pumps and other pipeline appurtenances to intertie the Borrego Springs Park Community Services District (BSP-CSD) and the Borrego Water District (BWD). A new storage tank will not be ne	San Diego District
San Diego	3701760	LAKE MORENA TRAILER RESORT	003	Consolidation or pretreatment to resolve MCL exceedance of Uranium	30	\$100,000	G	our water system currently exceeds (460ppm) the MCL for Uranium (30ppm). we have had to notify customers of the violation and it has caused some concerned in our community. we have searched for better water but cannot locate any. we could install a centr	we had originally considered purchasing and installing a treatment system to reduce the uranium. there are several companaies on the market. the cost of maintenance, operators and disposal would be too expensive for our income even if we raised water rat	San Diego District
San Diego	3702354	WARNER SPRINGS ESTATES	001	Warner Springs Estates/Stone Ridge Well #8	0	\$200,000	O	To date the Well #8, our newest and most productive well, has been a five year project yet to be completed. As drilled in 2004 this well is capable of providing 150 gallons per minute. We have been able to equip the new well with electricity, fencing, v	Purchase and install a filtration system to lower Iron (4.37 mg/L) and Manganese (0.14 mg/L) levels in Well #8s water so that the State of California will approve the water for consumer use. A concrete base, storage structure, flushing system including	San Diego District
San Diego	3702354	WARNER SPRINGS ESTATES	002	Warner Springs Estates/Stone Ridge Well #8 Generator	0	\$200,000	O	During power outages, water distribution/access is very limited and when outages are for long periods of time, without a generator to provide power to run the Well #8 pumping system, it is impossible to provide water to residents.Warner Springs Estates/	Purchase and install a generator at Well #8. A concrete base, storage structure, propane and electrical connections, appropriate engineering consultation, etc. will be needed. Propane lines run throughout the community and is the only fuel source; howe	San Diego District
San Diego	3702354	WARNER SPRINGS ESTATES	003	Warner Springs Estates/Stone Ridge Water Distribution	0	\$400,000	O	Warner Springs Estates/Stone Ridge was constructed approximate 35 years ago. At that time, present codes were not in place and four streets/areas in the community--Ironwood, Manzanita, Ocotillo and Ocotillo Court--do not have adequate water line connecti	Removal of 2 pipe lines and installation of 6 pipe lines will be done on four streets containing approximately 56 lots: Ironwood, Manzanita, Ocotillo and Ocotillo Court. This will involved digging trenches, pipe installation, appropriate replacement of	San Diego District
San Diego	3710008	Fallbrook PUD	002	LT2ESWTR Compliance for the Fallbrook Red Mountain Reservoir	5	\$5,500,000	D	The Fallbrook Public Utility District (FPUD) currently operates the Red Mountain Reservoir (RMR), a large, uncovered, surface water reservoir that receives treated water from Metropolitan Water District. Under the current federal Long Term 2 Enhanced Sur	This construction project will employ UV disinfection and chlorination processes, with a conversion to chloramines so that the effluent is compatible with other water supplies and for compliance with DBP regulations Disinfection using UV/chlorination wil	San Diego District
San Diego	3710016	Rainbow Municipal WD	005	Rainbow Municipal Water District Security System Project	0	\$100,000	O	Rainbow Municipal Water District, CA, solicits approval for the submission of a grant application under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water Security. T	Rainbow Municipal Water District, CA, solicits approval for the submission of a grant application under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water Security. T	San Diego District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
San Diego	3710018	Rincon Del Diablo MWD (ID 1)	001	Rincon del Diablo M.W.D. Remote Site Security Surveillance	0	\$340,000	O	Rincon del Diablo Municipal Water District, CA, solicits approval for the submission of a grant application under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water S	Rincon del Diablo Municipal Water District, CA, solicits approval for the submission of a grant application under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water S	San Diego District
San Diego	3710023	Santa Fe I.D.	003	Santa Fe Irrigation District comprehensive video surveillance system	0	\$179,810	O	Santa Fe Irrigation District, CA, requests consideration for funding under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water Security. The Santa Fe Irrigation Distri	Santa Fe Irrigation District, CA, requests consideration for funding under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water Security. The Santa Fe Irrigation Distri	San Diego District
San Diego	3710026	Valley Center MWD	003	Prop 50 Application	0	\$1,600,000	O	Valley Center Municipal Water District requests an invitation to apply under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water Security. Valley Center MWD provides w	Valley Center Municipal Water District requests an invitation to apply under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water Security. Valley Center MWD provides w	San Diego District
San Diego	3710034	Otay Water District	001	IP Surveillance for Water Security	0	\$2,500,000	O	Otay Water District, CA, requests consideration for funding under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water Security. The District serves 190,000 residents o	Otay Water District, CA, requests consideration for funding under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water Security. The District serves 190,000 residents o	San Diego District
San Diego	3710034	Otay Water District	002	San Diego County Water Authority Regional Inter-Agency Security Cooperative	0	\$20,000,000	O	The San Diego County Water Authority (SDCWA) Regional Interagency Security Cooperative requests an invitation to apply for funding under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et. se	The San Diego County Water Authority (SDCWA) Regional Interagency Security Cooperative requests an invitation to apply for funding under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et. se	San Diego District
San Diego	3710036	Borrego WD	002	Pump house rehabilitation and facilities surveillance project	15	\$886,584	O	The pump house rehabilitation and facilities surveillance project proposes to replace eleven dilapidated pump house buildings, oleander hedges and chain link fences with modern, tightly sealed metal structures surrounded by security fencing and desert nat	The pump house rehabilitation and facilities surveillance project proposes to replace eleven dilapidated pump house buildings, oleander hedges and chain link fences with modern, tightly sealed metal structures surrounded by security fencing and desert nat	San Diego District
San Diego	3710037	Padre Dam MWD	007	Security for Water Storage and Pumping Facilities	0	\$750,000	O	Padre Dam Municipal Water District of Santee, CA requests consideration for funding under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water Security. Padre Dam MWD i	Padre Dam Municipal Water District of Santee, CA requests consideration for funding under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water Security. Padre Dam MWD i	San Diego District
San Joaquin	3900505	FARMINGTON WATER COMPANY	002	Farmington Water Company Improvements	0	\$1,500,000	M	The Farmington Water Company was formed and installed its system 43 years ago. With the exception of an upgrade to one pumping plant and the addition of one line the system remains as it was installed. It suffers both from physical deteriorat	The proposed upgrades would include two new well sites and pumping plants, approximately 6,000 of main lines primarily 8, 1,000 feet of lateral lines, water storage for a 24 hour supply at peak use (this could be one large tank or two smaller tank	Stockton District
San Joaquin	3910005	MANTECA, CITY OF	001	Area 2 Water Line Replacement	0	\$1,769,000	M	This project will replace small diameter water lines that are 80 to 90 years old. The size and age of the water the water lines result in low service pressures in the area. Some of the pipe materials, wrought and cast iron, can contribute to red water c	The project includes the installation of 200 linear feet of 4-inch water line, 1,450 linear feet of 6-inch water line and 6,900 linear feet of 8-inch water line. 85 water services will be replaced and 134 water services relocated as part of the water lin	Stockton District
San Joaquin	3910005	MANTECA, CITY OF	002	Well 5 and 9 Replacement	0	\$2,000,000	G	Wells 5 and 9 have been abandoned due to the cost of installing arsenic treatment and security upgrades combined with the age (remaining useful life) and capacity of the two wells. Well 5 also has elevated nitrate that required continuous monitoring to a	The project involves construction of new well to replace the two abandoned wells. Tentative location is the Southside Park. The project will involve the following three phases, a test well, a production well and the well improvements. The test well to	Stockton District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
San Joaquin	3910005	MANTECA, CITY OF	003	Lincoln Water Line Extension	0	\$792,000	M	The water lines in the project area are 6-inch diameter lines that have limited connections to larger water distribution lines. As a result of the limited connections to larger water lines the area experiences low water pressures. The pressure can be le	The Lincoln Water Line Extension involves the installation of 3,850 linear feet of 12-inch water line with 5 connections to existing 6-inch water lines and connections to existing 12-inch lines at ends of the the extension.	Stockton District
San Joaquin	3910005	MANTECA, CITY OF	004	Area 3 Water Distribution Project	0	\$477,000	M	This project will replace small diameter water lines that are 80 to 90 years old. The size and age of the water lines result in low service pressures in the area. Some of the pipe materials, wrought and cast iron, can contribute to red water compliants	The project will replace 5,400 feet of small diameter water line (4 inches or smaller) with 6-inch diameter line 155 service connections will be relocated in the project.	Stockton District
San Joaquin	3910007	RIPON, CITY OF	001	City of Ripon WBA Exchange Nitrate Treatment Pilot Investigation	0	\$500,000	M	Rising concentrations of nitrate in the City of Ripon's groundwater supply have forced the City to take critical wells out of its drinking water supply. One of the City's potable wells, Well 12 with a design flow of 2,000 gpm, is currently offline due to	Given the residuals disposal challenges associated with strong base anion exchange and reverse osmosis, the City of Ripon is proposing to evaluate weak base anion (WBA) exchange as an emerging nitrate treatment technology that may offer a feasible alterna	Stockton District
San Joaquin	3910007	RIPON, CITY OF	002	City of Ripon Aquifer Storage and Recovery Feasibility Study	0	\$125,000	O	Rising concentrations of nitrate in the City of Ripon's groundwater supply have forced the City to take critical wells out of its drinking water supply. Nitrate contamination is attributed to crop over-fertilization and industrial contamination. One of	This project is being submitted for Proposition 84 funding under Section 75025 (Groundwater Contamination Grants). The City is proposing a feasibility study to evaluate the viability of an Aquifer Storage and Recovery (ASR) facility to store SSJID surfa	Stockton District
San Luis Obispo	4010026	NIPOMO COMM SERVICES DIST	005	NCSD Supplemental Water Project	0	\$26,000,000	O	The community of Nipomo is located on a coastal mesa averaging an elevation of 380 feet above sea level in the southern end of San Luis Obispo County. Approximately 12,000 customers within seven square miles receive water and wastewater services from the	Nipomo Community Services District is leading a project focused on the construction of treatment facilities as well as a pipeline to import between 3,000 to 6,200 acre feet of supplemental water per year from the Santa Maria Basin to resolve overdraft of	Santa Barbara District
San Mateo	4100503	BUTANO CANYON MUTUAL	003	Storage Tank Replacement	0	\$200,000	M	After completeing a tank inspection and cleaning, it has been determined that our two (2ea) sixty thousand (60,000) gallon bolt-up drinking water storage tanks are in need of replacement due to old age, deterioration and interior rust.Tanks are located i	Project involves the purchase and delivery of two (2) new glass-fused-to-steel 60,000 gallon replacement tanks which will have to be down loaded from a 40ft flatbed to a smaller truck for delivery over 3 miles of a very narrow, winding road through a redw	Santa Clara District
San Mateo	4110010	Montara Water and Sanitary District	035	Airport Water Treatment Facility	0	\$1,515,000	G	The District obtains 60 percent of its potable water from three underground wells at the Half Moon Bay Airport. These wells are contaminated with nitrates, TCP, manganese, and high corrosivity with danger of being taken off line for lack of compliance wi	The proposed project will include installation of a Facility to treat up to 200 gpm groundwater pumped from three existing water production wells at the Airport to bring them into compliance with all State and Federal requirements. The Facility will incl	Santa Clara District
San Mateo	4110010	Montara Water and Sanitary District	036	Existing Water Supply Deficiency Mitigation Project	0	\$3,800,000	E	The District water system has long had a water supply deficiency which barely meets current demands and often requires mandatory conservation to meet summer demand. A moratorium on new connections was imposed in about 1976 in accordance with a recommenda	The project would consist of the following components: Construction of a new Alta Vista Tank and a security fence on Alta Vista Road northeast of the existing Alta Vista water storage tank. This new 1 million gallon tank would be constructed of steel	Santa Clara District
Santa Barbara	4200870	CASMALIA COMM. SERVICE DIST.	001	Storage Tank Replacement	0	\$200,000	F	The existing 85,000 gallon water storage tank is over 25 years old, leaking, and extremely dilapidated with multiple large holes in the roof. It is presumed to be the contributing source of Total Coliform Bacteria standards failure in 2007. Recurring leak	The project will consist of complete replacement of the tank. A new concrete pad will be built next to the old tank so the existing tank can remain in service while the new one is being built. The new project will include replacement of metering and feed	Santa Barbara District
Santa Barbara	4200870	CASMALIA COMM. SERVICE DIST.	002	Distribution System Rehabilitation	0	\$400,000	O	The distribution system is in dilapidated condition, leaks continuously, and breaks frequently. They have frequen water outages due to distribution system failure. There are approximately 60 water service laterals that need replacement from the main to t	The project will consist of distribution system repairs to replace portions of the delivery system and approximately 60 service laterals. A distribution system evaluation needs to be done to determine if the main is in serviceable condition.Costs include	Santa Barbara District

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Santa Barbara	4200872	VENTUCOPA WATER SUPPLY	004	ventucopa water supply improvements	10	\$845,000	F	The water system has only one well which exceeds the MCL for nitrates. The water system was established in the 1930s and does not meet DHS standards and community needs. Water system exceeds nitrate standard, and does not meet quantity and quality stand	Connect new well to provide system with better quality water that meets nitrate MCL. Blend new well water with Old well #1 water to meet Nitrate standards. Provide water storage that meets DHS standards Provide chlorination equipment to maintain	Santa Barbara District
Santa Barbara	4210007	MONTECITO WATER DIST	007	Juncal Dam Communications	0	\$200,000	O	Montecito Water District, CA, solicits approval for the submission of a grant application under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water Security. The Monte	Montecito Water District, CA, solicits approval for the submission of a grant application under Proposition 50: Water Security, Clean Water, Coastal and Beach Protection Act of 2002 (Water Code Section 79500 et seq.), Chapter 3 – Water Security. The Monte	Santa Barbara District
Santa Barbara	4210010	SANTA BARBARA WATER DISTRICT	004	Ozone/CO2 addition to the Cater Water Treatment Plant	0	\$14,400,000	G	The historical DBP data from the existing sample sites shows that when the LRAA goes into effect, the City of Santa Barbara (City) and districts will be out of compliance with Stage 2 DBP Rule. The City has LRAA compliance numbers as high as 120 ug/l. W	Ozone/CO2 addition to the Cater Water Treatment PlantWithout the addition of the Ozone process to Cater Water Treatment facility, the City of Santa Barbara (City), Montecito Water District and Carpinteria Valley Water District face non-compliance with t	Santa Barbara District
Santa Barbara	4210010	SANTA BARBARA WATER DISTRICT	005	Ortega Groundwater Treatment Plant and Well Rehabilitation Project	0	\$12,323,885	L	Inability to comply with Primary and Secondary Water Quality Standards using the current treatment scheme at the Ortega Groundwater Treatment PlantThe City of Santa Barbara owns and operates the Ortega Groundwater Treatment Plant (OGTP), which treats gr	Ortega Groundwater Treatment Plant and Well Rehabilitation ProjectThe City contracted with an engineering design firm specializing in water treatment to investigate treatment solutions for OGTP. In August 2006, the design firm completed a four-month lo	Santa Barbara District
Santa Barbara	4210020	Santa Ynez River Water Cons. Dist. ID#1	006	Security Safeguards for Booster Pump Stations	0	\$155,000	O	Problem DescriptionCurrently, Santa Ynez Water Conservation District, Improvement District No. 1 (ID#1) has two booster pump stations that are remotely located, putting these pumping stations at risk of intentional destruction due to vandalism and/or te	Problem DescriptionCurrently, Santa Ynez Water Conservation District, Improvement District No. 1 (ID#1) has two booster pump stations that are remotely located, putting these pumping stations at risk of intentional destruction due to vandalism and/or te	Santa Barbara District
Santa Barbara	4210020	Santa Ynez River Water Cons. Dist. ID#1	007	Planning to Address System Reliability and Consolidation	20	\$300,000	O	Currently, the Santa Ynez Water Conservation District, Improvement District No. 1 (ID#1) has a number of issues to overcome related to the reliability and delivery of water to its population, as well as the economic viability of bringing its system up to	This planning study would address the economic viability of consolidating 5 small water systems within the existing Santa Ynez Water Conservation District, Improvement District No. 1 (ID#1), as well as the long term, critical need of reliability regarding	Santa Barbara District
Santa Barbara	4210020	Santa Ynez River Water Cons. Dist. ID#1	008	Nitrate Well Treatment	0	\$1,200,000	L	Santa Ynez Water Conservation District, Improvement District No. 1 (ID#1) serves a population of 8,298. It also provides water to the City of Solvang with a population of 5,322 and serves water on a stand-by basis to Rancho Marcelino Mutual Water Company	Santa Ynez Water Conservation District, Improvement District No 1's (ID#1) project is the reactivation of existing Well #3 with nitrate removal treatment as determined through best engineering planning and practices.	Santa Barbara District
Santa Clara	4300526	Oakmont Water System	002	Oakmont Water upgrades for consolidation	20	\$420,000	M	Oakmont Water is currently served by a wholesale connection to San Jose Water Co (SJWC) (paying retail water rates). Oakmont has requested SJWC acquire Oakmont (consolidation) but they require our system be upgraded to PUC standards. This will require t	All of the existng 2600 LF of mains will need to be replaced with 6 inch DIP.All of the existng 26 service connections (5/8th) will be replaced along with the main replacement.The existng 22,000 redwood water storage tank will need to be replaced wi	Santa Clara District
Santa Clara	4300630	Foothill Mutual Water	003	New source to meet state nitrate standards	0	\$1,500,000	F	Our water system has two wells. Well 4300630-001 was shut down in September 2004 by DHS for exceeding the 45 MCL state nitrate limit. Well 4300630-002 began exceeding nitrate limits in June 2006. Over the last decade we have seen our nitrate levels ste	This project would involve finding a new well sight with acceptable nitrate limits and to purchase the property or right of way. We would have the project engineered and put through the county permit process for approval of the necessary pumps, pipes, el	Santa Clara District
Santa Cruz	4400608	FOREST SPRINGS	001	filterpro	0	\$125,000	D	The water source for this water system is surface water. This system is currently out of compliance with the surface water treatment rule and the enhanced surface water treatment rule.The water system will install a filtration system that is enhanced su	The water system will install a enhanced surface water treatment rule compliant filtration system. The system will have the capabilities to monitor and record all water parameters for raw influent water and treated effluent water. The system will also be	Monterey District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Shasta	4500017	MOOSE CAMP	001	Moose Camp Rehab	0	\$170,000	M	We have had infiltration caused by low water pressure, backflow from users, leaking old pipe lines, stagnation from ends of lines, and possibly repairs to the system. We seldom but on occasion have not passed our water tests due to the detection o	The current system consists of two 20 gpm wells that are about 20 years old, a 10,000 gallon above ground storage tank, 10,000 feet of very old (40 to 60 years old) 2 and 3 inch failing steel pipe serving 52 houses with the potential of about 70 tota	Lassen District
Shasta	4500023	HAT CREEK HIGHLANDS MUTUAL WATER CO	007	Hat Creek Highlands Mutual Water Co. Surface Water System Replacement Project	15	\$500,000	D	Hat Creek Highlands Mutual Water Companys (HCHMWC) existing drinking water in-line filter treatment and distribution pumping facility, built in 1960, is not a State of California approved technology for surface water treatment. As such, the current syst	The project will provide funding for services to prepare required studies, reports, designs and skills to perform construction to replace the existing facility with a system that complies with State and Federal standards. Funds will also be used to obtai	Lassen District
Shasta	4510004	Shasta Co. Service Area #6	001	CSA 6--Jones Valley/Elk Trail Water System Improvements	0	\$10,000,000	E	The Elk Trail neighborhood is a few miles south of Shasta Lake, in the unincorporated area of Shasta County. There are 188 properties in the Elk Trail neighborhood. Most residents have water supply problems. They are served by individual wells, which h	An engineering firm (PACE Civil, Inc) has prepared a Preliminary Engineering Report for the proposed service to Elk Trail, from Jones Valley. Jones Valley has two water intake casings in Shasta Lake. Adequate water rights have been obtained for Jones Va	Lassen District
Shasta	4510004	Shasta Co. Service Area #6	002	Plant Control Upgrade Jones Valley CSA 6	0	\$80,000	O	The Jones Valley water treatment plant has had ongoing telemetry and control problems. Some of the electronic valves are now obsolete-parts are not available for repairs. The existing software will not interface properly with the plant resulting in tank	The proposed project will replace the obsolete electronic controls with a new PLC and updated software and parts to better automate plant operation. The controls upgrade will prevent excessive water waste by properly controlling plant backwash cycles and	Lassen District
Shasta	4510005	City of Redding	009	City of Redding Arsenic Removal Enterprise Wells Nos. 9 and 13	0	\$2,000,000	L	The Environmental Protection Agency has set the Arsenic standard for drinking water at 10 parts per billion to protect consumers served by public water systems from the effects of long term, chronic exposure to Arsenic. The State of California is current	Establish well head treatment for removal of Arsenic using an already approved technology.	Lassen District
Shasta	4510005	City of Redding	010	City of Redding SCADA Upgrades	0	\$1,200,000	O	Obtain a licensed radio frequency and upgrade the existing SCADA system.	Obtain a licensed radio frequency and upgrade the existing SCADA system.	Lassen District
Sierra	4600012	Alleghany County W.D.	001	Treatment Plant Improvments	0	\$55,000	O	Electronic system for treatment plant needs to be replaced. New turbidimeter, new system pump at treatment plant and need new portable test equipment. Replace membranes.	Make improvements to treatment facility to ensure continued reliable water supply.	Lassen District
Sierra	4600019	Sierra Co. W.W.D #1 Calpine	002	Water Source Improvement Project	0	\$500,000	L	We have arsenic at 22ppb in our primary water source.	We wish to find a new source of water without the arsenic contamination. Treatment of current source possible but well pump tests show this source is not a dependable one.	Lassen District
Sierra	4610002	Downieville Public U.D.	001	Downieville PUD / Treatment Upgrades	0	\$1,000,000	D	The current mixed media direct filtration system is not an approved surface water treatment system. During periods of high runoff in the source creek, the increased level of turbidity overwhelms the filters and causes the treated water turbidity to excee	The proposed project will provide a modern, approved technology, water treatment system capable of coping with the full range of raw water turbidity typical of the source creek. The upgraded system will also be designed to provide adequate disinfectant c	Lassen District
Siskiyou	4700630	Shasta View Heights Owners Association	002	SVHOA Improvement Project	0	\$75,000	O	We need to re-drill and re-line a collapsed lower shaft on well #1; replace structures housing wells #1 and #2 and re-connect well #1 to storage tanks by replacing destroyed piping lost in flood of 1997. Approximate pipe footage to replace is 3000 feet.	We need to re-drill and re-line a collapsed lower shaft on well #1; replace structures housing wells #1 and #2 and re-connect well #1 to storage tanks by replacing destroyed piping lost in flood of 1997. Approximate pipe footage to replace is 3000 feet.	Klamath District
Siskiyou	4710001	City of Dorris	001	Dorris Well - Chlorinating System	0	\$500,000	L	The City is currently served by one good well which must be pumped in excess of 21 hours per day to meet peak day demands. The back-up well carries sand into the distribution system, and has other water quality issues including Nitrates, Color, Odor, Ars	The City will drill a well at sufficient depth of an estimated 1500 feet to provide a safe, quality water supply. A pump will be installed with sufficient capacity for the Citys use along with the pipe and valve system to connect the Citys water syst	Klamath District

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Siskiyou	4710001	City of Dorris	002	Dorris Water Line Replacement	0	\$870,000	O	Approximately 50% of the City's water distribution system consists of steel pipelines more than 50 years old, including many lines dating from the 1940s and earlier. Those lines are failing at an increasing rate, exposing the distribution system to po	Construction of approximatley 6600 of water line along the Citys street. This will include both 6 and 10 water mains along with service connections, gate valves and hydrants.	Klamath District
Siskiyou	4710001	City of Dorris	003	Dorris Water Tank	0	\$950,000	M	The City has only one water tank, which at a capacity of 750,000 gallons is less than 1/2 of the peak day demands. Without a second storage tank available, the tank cannot be taken out of service for coating or other repairs, and it is now 26 years old, wi	Construction of 750,000 to 1,000,000 gallon tank.Construction to include all pipes, gates and valves to connect to the existing system.	Klamath District
Siskiyou	4710006	McCloud C.S.D.	004	mccloud water distribution system replacement project	0	\$5,000,000	O	replace 80 year old distribution system about 30 miles in lenth	replace 80 year old distribution system about 30 miles in lenth	Klamath District
Solano	4810004	City of Rio Vista	003	well 10 arsenic	0	\$500,000	O	over MCL for the state requires 10 we are at 13 treat at well head have connections to sewer for treatment discharge	need to meet requirements for the state we have a well at 13 and wont meet 10mcl asking for treatment funds for well. Have sewer hookup for treatment	San Francisco District
Sonoma	4900543	Sonoma County CSA 41-Salmon Creek	003	Consolidation of Treatment Works Salmon Creek/Carmet and Sereno del Mar Water Systems	20	\$500,000	D	The Salmon Creek Water System currently utilizes two separate sources. A shallow well adjacent to 3 residences provides brackish water with a specific conductivity exceeding 2,000 omhs/cm. This well may not have an adequate well seal. The second source	The project consists of the installation of 3 miles of dual pipeline. A 2" raw water line to deliver Salmon Creek's water sources to the treatment plant at Sereno del Mar and an 8" line to deliver finish water from the 300,000 gallon gravity tanks at Ser	Sonoma District
Sonoma	4900643	Mount Weske Estates Mutual Water Company	002	Consolidation With Adjacent Water District	20	\$765,000	G	The Arsenic content exceeds the MCL of 50 ug/L & has done so ever since the water system was approved by the regulating authorities in 1974	Interconnect the distribution system with a supply pipe & a booster pump from the Town of Windsor Water District. The installation would be very similar to that which Windsor already provides to the Shiloh system.	Sonoma District
Sonoma	4900786	Rancho Santa Rosa MHP	001	RSR Well	25	\$775,000	G	The arsenic concentration of the finished water exceeds the Federal Maximum Contaminant Level. Consequently, the system is in non-compliance for the primary arsenic standard. The system serves 82 residential connections and no commercial connections T	The project will result in abandoning the current ground water source in favor of connecting to the City of Santa Rosa water distribution system. This will require construction of approximately 5,000 feet of 6-inch water line to connect the Rancho Santa	Sonoma District
Sonoma	4900801	Shady Lane Mobile Home Park	001	shady lane mobile home park	20	\$300,000	G	My goal is to be hooked up to City Water. Abandoned contaminated Well.The project would consist of new sewer hook-up. New water hook up. New Water Meter(s). Engineering and Construction. Install water line, hydrants.Removal/rehanding of spoils g	My goal would be to up to City Water. Abandoned contaminated Well.	Sonoma District
Sonoma	4900845	Rancho De Sonoma	001	Rancho de Sonoma Water Hook-Up	20	\$500,000	G	Arsenic level exceeds federal mcl. Park has no arsenic treatment.	Physical consolidation with the City of Sonomas water system. The estimated cost of project includes the connection fee to the City system and the construction cost to connect.	Sonoma District
Sonoma	4900855	Lancelot Mobile Home Park	001	First PreApp 07/20/07 -- Lancelot Mobile Home Park	20	\$260,000	G	WATER EXCEEDS FEDERAL MCL FOR ARSNIIC. NO TREATMENT AT PARK.	CONNECT TO THE CITY OF SANTA ROSA AND MAKE NECESSARY DISTRIBUTION SYSTEM IMPROVEMENTS	Sonoma District
Sonoma	4901195	Moorland Avenue Apartments	002	Moorland Avenue Apartments Consolidation	20	\$161,337	G	New Arsenic Standards have been reduced to 10ug/l MCL. Water analysis results as of 06/13/07 resulted in 15.0ug/l level of Arsenic which is 50% above the current MCL.	Consolidation of the existing Moorland Avenue Apartments small water system with the City of Santa Rosa Water System because of compliance issues associated with the new lower arsenic standards. New Arsenic Standards have been reduced to 10ug/l MCL. Wat	Sonoma District
Stanislaus	5000132	VALLEY HOME SCHOOL TEXAS	001	VHJSDTexas	5	\$60,000	M	This funding would help replace all the potable water lines within our classroom building at the Texas Avenue Campus.(Harold Pope School) We have been fighting a lead contamination problem that has forced us to remove all classroom water fountains and sh	We were told that all potable water pipes from the well to all school site outlets, interior and exterior were to be replaced with new up-to-code materials. That means we will have to trench, abandonand replace old exterior pipe from the well to the clas	Stockton District

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Stanislaus	5000277	VALLEY HOME SCHOOL PIONEER	001	VHJSDPione	5	\$9,700	K	During the past year we were found to be in violation of the California Domestic Water Quality Monitoring Regulations by testing positive for coliform bacteria. We currently have two wells in close proximity to one another which feed into one storage tan	We isolated the north well from the potable water conveyance system by shutting it off and disconnecting it from the water storage tank. We were required to trench in a new 2 1/2 water line last May. This temporarily solved the problem, but we will have	Stockton District
Stanislaus	5010008	Hughson, City of	003	Turlock Irrigation District Turnout (TID) No. 2	10	\$366,000	G	The City provides potable water service by extracting from the Turlock groundwater basin via five groundwater wells distributed throughout the City. The firm combined well capacity of these existing wells (four active and one out of service or in standby	The capacity of TID Turnout No. 2 would be 2.0 MGD. The turnout would consist of a new reinforced concrete vault, flow meter, chlorine residual analyzer, flow control valve, piping, valves and sitework. The interconnection location is at the site of a p	Stockton District
Stanislaus	5010008	Hughson, City of	005	Turlock Irrigation District (TID) Turnout No. 3	10	\$378,500	G	The City provides potable water service by extracting from the Turlock groundwater basin via five active groundwater wells distributed throughout the City. The firm combined well capacity of these existing wells (four active and one out of service or in	The capacity of TID Turnout No. 3 would be 2.0 MGD. The turnout would consist of a new reinforced concrete vault, flow meter, chlorine residual analyzer, flow control valve, piping and valves and site work. The interconnection is in eastern Hughson and	Stockton District
Stanislaus	5010008	Hughson, City of	007	Water System Improvement - Pipeline Replacement and Improvement	10	\$5,626,000	M	The existing water distribution system has very old (greater than 30 years) and small diameter water distribution pipes that are not in very good condition. In addition, there are a number of dead end lines. These small old diameter pipelines are concern	The City will install approximately one mile of pipelines ranging from 8-inch to 12-inch diameter to improve system pressure and to create looping to the area west of the Santa Fe Rail Road. In addition, three miles of small diameter pipeline replacement	Stockton District
Stanislaus	5010008	Hughson, City of	008	Well No. 6 Arsenic Treatment	10	\$2,962,000	G	The City of Hughson provides potable water service by extracting from the Turlock groundwater basin via five groundwater wells distributed throughout the City. Well No. 6 is one of the five groundwater well sources in the City. It has an average arseni	To comply with the new arsenic standard for Well No. 6, a coagulation and filtration system with a 100,000 gallon buried reinforced concrete backwash tank, two 15 HP backwash return water booster pumps and yard piping is proposed. Site improvement work	Stockton District
Stanislaus	5010009	Keyes Community Services Dist.	004	Keyes CSD Arsenic Treatment	20	\$13,000,000	G	The District has four groundwater wells which provide 100% of the water for the District. These four wells have arsenic concentrations ranging from about 12 ppb to 19 ppb. In order to meet the new arsenic concentration of 10 ppb, the District needs to e	The District proposes to install well head treatment (arsenic removal) at three of the existing wells with the fourth wells water being pumped to one of the wells that will have treatment. Above ground storage tanks and booster pump systems will be inst	Stockton District
Stanislaus	5010017	PATTERSON, CITY OF	001	Increased Security for Well #5	0	\$250,000	M	One of the Citys drinking water wells is located adjacent to a City park, and surrounded by a residential area. The well is enclosed by four inadequate walls and a chain link gate. The walls are easily damaged and difficult to repair. Water operators ob	One of the Citys drinking water wells is located adjacent to a City park, and surrounded by a residential area. The well is enclosed by four inadequate walls and a chain link gate. The walls are easily damaged and difficult to repair. Water operators ob	Stockton District
Stanislaus	5010017	PATTERSON, CITY OF	002	Increased Security for Gateway Storage Tank Controls	0	\$90,000	O	The proposed Gateway Water Distribution Facility project has dimensions of 20 X 29 square feet and is located in an isolated area on the Citys limits. The facility is adjacent to interstate five and a commercial area frequented by travelers from the inte	The proposed Gateway Water Distribution Facility project has dimensions of 20 X 29 square feet and is located in an isolated area on the Citys limits. The facility is adjacent to interstate five and a commercial area frequented by travelers from the inte	Stockton District
Stanislaus	5010017	PATTERSON, CITY OF	003	Replace a Well high in Nitrates (Well #4)	0	\$1,000,000	F	The Citys Well #4 has recently experienced spikes in Nitrate levels that have exceeded the MCL for this chemical. The Well continues to produce Nitrate levels equal to or above the MCL. The high level of nitrates has prevented the operation of the Well a	The project would include finding a suitable location for a replacement well. Funding would provide the development and construction of a New Well Facility to replace the loss in water production. The City must find an alternate water source to replace t	Stockton District
Stanislaus	5010017	PATTERSON, CITY OF	004	Surveillance Systems for Water Sites	0	\$110,000	O	A Surveillance System would alert operators to unauthorized entries to the water facilities. This would also provide video images of intruders and other problems. The City wants to install a Surveillance System compatible with our current SCADA system soft	A Surveillance System would alert operators to unauthorized entries to the water facilities. This would also provide video images of intruders and other problems. The City wants to install a Surveillance System compatible with our current SCADA system soft	Stockton District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Stanislaus	5010039	WESTERN HILLS WATER DISTRICT/DIABLO GRAN	003	Diablo Grande Raw Water Supply Reservoir	0	\$12,500,000	M	The California Aqueduct is the only source of water for the Western Hills Water District. The Department of Water Resources (DWR) shut down the pumps supplying water to the California Aqueduct on May 31, 2007 to protect the threatened Delta Smelt. Very I	The California Aqueduct is the only source of water for the Western Hills Water District. The Department of Water Resources (DWR) shut down the pumps supplying water to the California Aqueduct on May 31, 2007 to protect the threatened Delta Smelt. Very I	Stockton District
Stanislaus	5010039	WESTERN HILLS WATER DISTRICT/DIABLO GRAN	004	WTP and Distribution System Water Quality Study	0	\$250,000	I	Water quality varies greatly within the distribution system serving the community of Diablo Grande. Operations staff has noticed water quality parameters beginning to degrade. Chlorine levels vary from 2 mg/l to 0.2 mg/l within the distribution system.	A detailed study needs to be conducted to analyze how the WHWD can improve water quality. This study would review all water facilities operated by the WHWD to improve water quality and comply with the Disinfectant and Disinfection Byproducts Rules. Elem	Stockton District
Stanislaus	5010039	WESTERN HILLS WATER DISTRICT/DIABLO GRAN	006	Western Hills Water District Water System Security Improvements	0	\$200,000	O	The Western Hills Water District (WHWD) owns and operates the water system that serves the community of Diablo Grande. The system is located in a rural area within western Stanislaus County. The original designers of the system did not take into account	The Western Hills Water District (WHWD) owns and operates the water system that serves the community of Diablo Grande. The system is located in a rural area within western Stanislaus County. The original designers of the system did not take into account	Stockton District
Sutter	5100107	Sutter Co. WWD#1 (Robbins)	002	Robbins Water System Arsenic Treatment	15	\$165,000	G	Sutter County WWD#1 is currently in violation of federal Arsenic Rule due to the exceedance of the maximum contaminant level for arsenic. The treated water from the system results in 20 ug/L exceeding the limit of 10 ug/L or less. The system is also in v	The district proposes two projects to reduce maximum contaminant levels. The first project will consist of extending the existing well depth to introduce a new source aquifer. The second project will consist of installing a new arsenic removal media based	Valley District
Sutter	5100107	Sutter Co. WWD#1 (Robbins)	003	Robbins Water Main Replacement Project	15	\$330,000	M	A portion of the Robbins water distribution system is nearly 60 years old. The main distribution lines were constructed with galvanized iron pipe and is deteriorating leading to many failures and costly repairs. Many portions of the system have dead end l	The project will replace 7600 lineal feet of aging galvanized pipe with PVC C900 to current adopted County standards. The distribution pipe size will be increased to allow better fire flow capacity. The improvements will also include the addition of thrus	Valley District
Sutter	5100107	Sutter Co. WWD#1 (Robbins)	004	Robbins Water Meter Installation Project	15	\$175,000	O	The existing distribution system for the Community of Robbins currently charges its customers a flat monthly fee for water consumption. The County has had problems with excessive use and waste of the Communitys water supply. The County has installed seve	The project will include the purchase and installation of 100 touch read water meters and associated appertunances on the existing water distribution service laterals.	Valley District
Sutter	5110001	City of Live Oak	011	City of Live Oak Water Main Replacement Project	25	\$400,000	M	The existing water distribution system is aging and needs to be rehabilitated. The majority of the existing water distribution system in the City of Live Oak was installed between 1947 and 1965. The water distribution system consists of approximately 20	The City of Live Oak is looking to rehabilitate its existing water distribution which consists of 6 and 8 inch water mains, fittings, hydrants, valves, and all associated equipment required to get the water out of its well distribution system and into hom	Valley District
Sutter	5110001	City of Live Oak	013	City of Live Oak Well #5 Nitrate & Arsenic Removal	25	\$1,000,000	G	Well 5 has historically complied with arsenic and nitrate limits since it was originally drilled in 1983. Since the promulgation of the Arsenic Rule, however, the wells average raw water arsenic concentration of 22 ppb became out of compliance with the r	Treatment of Well 5s arsenic and nitrate is being investigated at a preliminary level. Current strategies call for Well 5s arsenic to be treated in kind with the Citys other wells currently in service, namely coagulation filtration with a manganese dio	Valley District
Tehema	5200503	Mineral County Water District	004	Surface Water Treatment	0	\$225,000	D	We are looking at replacing our filtration system with one that will cost less to operate, produce cleaner water and will meet all of LTESWTR's rules. The system we have now cost us in June of 2007 ~ \$5,346.00 and the filtration plant produced 629,943 C	We are hoping that a new surface treatment system would give us better water at a mor reasenable cost. A membrain filtration. I really do not know, none of the venders that I contacted got back to me.	Valley District
Tehema	5200504	City of Tehama	003	City of Tehama Water System Monitoring and Control	25	\$75,200	O	With limited staff, we need to have the ability for more constant surveillane over our water system. Currently, it is too labor intensive and expensive for our small system to monitor our two wells on a daily basis. Our little city floods on a reg	We have had our system analysed to see what equipment would need to be installed to allow off site monitoring and control. Equipment would be added to allow offsite monitoring of: water level, pump flow, system pressure, power, chlorine residual, co	Valley District
Trinity	5301017	Rush Creek Mutual Water System	001	Rush Creek Mutual Water System Compliance Upgrades and Maintenance Projects	0	\$70,000	D	1. Water treatment plant does not meet the LT1 requirement . 2. turbidity meters and turbidity recording equipment do not meet 15 min. reporting requirement	1. Upgrade water treatment plant to meet the LT1 requirement (through addition of approved filter technology). May and probably will require addition to existing treatment plant building to house upgrades.	Klamath District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Tulare	5400506	NO. KAWEAH MUTUAL WATER CO.	003	Slow Sand Filtration and Reservoir Facility	5	\$470,000	C	Non compliance of treatment for water under the influence of surface water specifically lacking proper filtration for giardia and cryptosporidium cyst removal. Also, marginal chlorine contact time.	New approx 70 gpm Slow Sand Filtration unit with 100,000 gal steel reservoir including land acquisition, approx 500 feet pipe and conduit extension, site prep, pad, and security fencing, control building, SSF to reservoir pump, electrical service, engine	Visalia District
Tulare	5400506	NO. KAWEAH MUTUAL WATER CO.	004	Slow Sand Filtration, Reservoir, and Pump Plant	25	\$590,000	C	Both North Kaweah Mutual Water Company and Tract 403 Water Company currently operate separate community water systems and both are out of compliance for the treatment of water under the influence of surface water. They both lack the filtration required to	Within an existing easement construct three new river wells, a new approx 90 gpm Slow Sand Filtration Unit with a 125,000 gal Steel Reservoir, a 3 Stage Vertical Turbine Pump Plant with Hydro-pneumatic Tank, a system intertie where existing mainlines cross	Visalia District
Tulare	5400506	NO. KAWEAH MUTUAL WATER CO.	005	Feasibility Study for the Consolidation of Community Water Systems	25	\$150,000	C	The Three Rivers Community Services District seeks the funding needed to conduct a feasibility study for the physical and/or managerial consolidation of eight to ten community water systems within the district. These systems are currently operated by volu	There are eight to ten water systems. Some use groundwater wells and some use river wells. The river well users are not in compliance for the filtration needed to exclude giardia and cryptosporidium cysts. Some of the groundwater wells are borderline with	Visalia District
Tulare	5400506	NO. KAWEAH MUTUAL WATER CO.	006	Feasibility Study for the Consolidation of Community Water Systems	25	\$150,000	C	The Three Rivers Community Services District seeks the funding needed to conduct a feasibility study for the physical and/or managerial consolidation of eight to ten community water systems within the district. These systems are currently operated by volu	There are eight to ten water systems. Some use groundwater wells and some use river wells. The river well users are not in compliance for the filtration needed to exclude giardia and cryptosporidium cysts. Some of the groundwater wells are borderline with	Visalia District
Tulare	5400519	PALO VERDE SCHOOL	001	Palo Verde School Safe Drinking Water Project	15	\$900,000	G	Palo Verde Schools well has historically tested high in arsenic levels. Recent tests in 2005 and 2007 have shown arsenic levels at 10ug/L, and the school has been advised to start doing quarterly testing, and it is anticipated that quarterly testing will	Palo Verde Schools water well has shown varying results in levels of contamination, and this project would allow the school to determine what level of contamination is present and what level of remediation needs to be undertaken. The school will proceed	Visalia District
Tulare	5400542	DUCOR C.S.D.	002	New Well for Ducor	0	\$1,350,000	E	SOUTH WELL Imminent Failure – Located on the corner of Ave 55 and Carlisle RoadThe old South Well is 21 years old and is running approximately 42% of its capacity. Recently, in June 2007, the well decreased its pumping capability to 50 gallons per minu	To remedy this problem a new well, pump(s) and other improvements to the system are needed. The "New Well" project will begin with the planning stages. DCSD has consulted with a hydrogeologist who recommended a new well be located northeast of the commu	Visalia District
Tulare	5400542	DUCOR C.S.D.	003	New Well for Ducor	0	\$1,350,000	E	SOUTH WELL Imminent Failure – Located on the corner of Ave 55 and Carlisle RoadThe old South Well is 21 years old and is running approximately 42% of its capacity. Recently, in June 2007, the well decreased its pumping capability to 50 gallons per minu	To remedy this problem a new well, pump(s) and other improvements to the system are needed. The "New Well" project will begin with the planning stages. DCSD has consulted with a hydrogeologist who recommended a new well be located northeast of the commu	Visalia District
Tulare	5400548	KINGS INN MOTEL	001	Kings Inn New Water System	0	\$11,700	F	This system has nitrates and contamination (bacteria) problems. We were able to solve bacteria contamination problem, but we are not able to solve nitrates problem. Nitrates have constantly been exceeding the minimum level for past several years. We dont h	This system provides water for hotel and restaurant. Hotel provides free bottled water to guest, but when they see the Nitrates Water Warning sign they get awkward feelings. Guest always shows concern (feeling) about the water to our employees. Many travel	Visalia District
Tulare	5400550	SEVILLE WATER CO.	002	Seville Safe Drinking Water Project	0	\$1,200,000	E	The Seville water system is supplied by one water well. This old and undersized well has recently seen an elevation of nitrate levels. The most recent level recorded was 43 ppm-very close to the MCL. It is anticipated that further sampling will determi	The proposed project will be to drill a water test well which will determine if a sufficient quantity of potable water can be found in the community. If the test well is successful, a production well would be drilled and equipped with a pump and storage.	Visalia District
Tulare	5400616	LEMON COVE SANITARY DISTRICT	002	Feasibility Study To Find Clean Water Source for Lemon Cove	0	\$250,000	F	The Lemon Cove Water System has nitrates above acceptable levels. The system has exceeded the maximum contaminant level of 45 mg/l every year for over twenty years. Yields from wells are frequently low compared to valley wells as the area is underlaid wi	Feasibility study would include, but not be limited to, ground water survey and testing, siting, drilling, and analysis of test wells, and the necessary design to incorporate successful wells into the existing system. Further, to investigate storage solut	Visalia District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Tulare	5400616	LEMON COVE SANITARY DISTRICT	003	Lemon Cove Safe Drinking Water Project	0	\$1,000,000	F	The Lemon Cove Water System has nitrates above acceptable levels. The system has exceeded the maximum contaminant level of 45 mg/l every year for over twenty years. Yields from wells are frequently low compared to valley wells as the area is underlaid with	Based on information gathered from feasibility study, construct two production wells and the necessary controls and appurtenances to connect to the existing system, including storage and gravity pressurization on a nearby hill, and piping to connect to th	Visalia District
Tulare	5400629	TRAILER ISLE PARK	001	Trailer Isle MHP Safe Drinking Water Feasibility Study	0	\$100,000	G	The Trailer Isle Mobile Home Park provides water to its residents near the unincorporated Tulare County community of Three Rivers in the Sierra Nevada foothills. The water system has one well which exceeds the Maximum Contaminant Level (MCL) for arsenic	The proposed Feasibility study would include an analysis of options to provide a reliable source of potable water for the Trailer Isle MHP. In order to determine if a sufficient supply of potable water can be found, at least one test well would be drilled	Visalia District
Tulare	5400647	YOKOHL MUTUAL WATER CO.	001	Water Main Line / Meters Replacement	0	\$200,000	M	Our water system was established in 1972 which provides service for 32 connections. The water main line consists of 4 tranzite pipe in a loop system. This tranzite pipe has an asbestos lining and has been linked to different cancer causes. Over t	Replace approximately 3000 feet (+/-) of 4 main water line by utilizing the new trenchless method using polyethylene pipe. This method uses the path of the existing water line and would only utilize trenching at the service connections. Currently, the	Visalia District
Tulare	5400713	OAK VALLEY SCHOOL	001	Oak Valley Union School District Safe Drinking Water Project	15	\$850,000	G	The average arsenic levels from the last five tests is approximately 18. Because the MCL was lowered from 50 ppb to 10 ppb, our water is now above the prescribed MCL. We have looked into treatment possibilities, but we have been told that this would be	The proposed project will include the drilling of a test well, which would determine if there is an adequate supply of potable water to meet the demands of our schools water system. Following the test well, if it is determined that a successful producti	Visalia District
Tulare	5400735	RODRIGUEZ LABOR CAMP	002	Rodriguez (California Camp) Water System Safe Drinking Water Project	40	\$500,000	F	The Rodriguez (California Camp) Water System has one water well that provides water to the residents of this Farm Labor Camp. The well provides water that exceeds the Maximum Contaminant Level (MCL) for nitrate with levels in the range of 130 ppm. The s	The proposed project would be to consolidate with the Richgrove Community Services District water system. The project would include the purchase of capacity into the Richgrove system as well as the extension of a water main from Richgrove or the new well	Visalia District
Tulare	5400754	SO KAWEAH MUTUAL WATER CO.	001	South Kaweah Arsenic	5	\$40,000	G	Arsenic content averages 12 ppb. Funding request is to treat the water from three wells to less than 10 ppb arsenic.	Water supply for the South Kaweah Mutual Water Company comes from three hard rock wells. Average long term arsenic content of the water is 12 ppb. The project is to install treatment at the well sites to remove 2 ppb of arsenic from the supply water. T	Visalia District
Tulare	5400792	WOODVILLE FARM LABOR CENTER	003	Woodville Farm Labor Center	25	\$100,000	F	County inspection report (June 18, 2007) has revealed that the system is over the maximum contaminant level for nitrates.	This is an existing Farm Labor Center near the City of Woodville in S/E Tulare County. The Center was first built in about 1937, and has been remodel several times since the original construction date. Details of work done on the existing Well, and stora	Visalia District
Tulare	5400795	WAUKENA ELEMENTARY SCHOOL	001	Waukena Elementary School Safe Drinking Water Project Request	0	\$1,000,000	F	The groundwater used as a source of drinking water for Waukena Elementary School exceeds the Maximum Contaminant Levels for Nitrate. The average Nitrate level from the last four quarterly tests is 65 ppm. A summary of test results is as follows: Septem	The project needed would first include the drilling of a test well in order to determine if a sufficient quantity of potable water could be found. Included in this stage would be the costs of any necessary permits, engineering reports, or other requireme	Visalia District
Tulare	5400805	SOULTS MUTUAL WATER CO.	004	Soult Mutual Water Company Safe Drinking Water Project	35	\$820,000	F	The well providing water to the Soult Mutual Water Company produces water that exceeds the Maximum Contaminant Level (MCL) for nitrate of 45 ppm. The water distribution system is in need of replacement.	The proposed solution is to have an intertie with the City of Tulare Water system. The project would include the replacement of the water distribution system. The Water Company prefers to be consolidated and absorbed into the City of Tulare water system.	Visalia District
Tulare	5400824	SULTANA C.S.D.	001	Sultana CSD Safe Drinking Water Project	25	\$1,000,000	G	The Sultana Community Services District serves the small Tulare County community of Sultana with drinking water. The District currently has two operable water wells. One of these wells, Well #2, exceeds the Maximum Contaminant Level (MCL) for DBCP. The	The proposed project is to acquire land, drill a test well and then drill a production well with storage facilities that would be tied into the communitys water system.	Visalia District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Tulare	5400903	TRACT 92 C S D	001	Tract 92 CSD Feasibility Study	0	\$300,000	B	Feasibility StudyProblem Description:Tract 92 Community Service District provides water to the unincorporated area known as Union Addition. This unincorporated community consists of approximately 135 households and one church and is located Southeast	Feasibility StudyProject Description:The proposed feasibility study would include an analysis of options to provide a reliable source of potable water for the Tract 92 CSD. The study would include the preliminary engineering necessary to evaluate the	Visalia District
Tulare	5400903	TRACT 92 C S D	002	Tract 92 CSD Feasibility Study	0	\$300,000	B	Feasibility StudyProblem Description:Tract 92 Community Service District provides water to the unincorporated area known as Union Addition. This unincorporated community consists of approximately 135 households and one church and is located Southeast	Feasibility StudyProject Description:The proposed feasibility study would include an analysis of options to provide a reliable source of potable water for the Tract 92 CSD. The study would include the preliminary engineering necessary to evaluate the	Visalia District
Tulare	5400903	TRACT 92 C S D	003	Tract 92 CSD Safe Drinking Water Project	0	\$1,000,000	M	Safe Drinking Water ProjectProblem Description:Tract 92 Community Service District provides water to the unincorporated area known as Union Addition. This unincorporated community consists of approximately 135 households and one church and is located	Safe Drinking Water ProjectProject Description:The proposed project would include the drilling of a water test well at a new site in the community. The results of the test well will be utilized to design and construct a new water production well. Th	Visalia District
Tulare	5400903	TRACT 92 C S D	005	Tract 92 CSD Water Distribution Replacement Project	0	\$1,000,000	M	Water Distribution Replacement ProjectProblem Description:Tract 92 Community Service District provides water to the unincorporated area known as Union Addition. This unincorporated community consists of approximately 135 households and one church and	Water Distribution Replacement ProjectProject Description:The proposed project will include the replacement of the existing water distribution system including water mains and service connections. It is estimated that approximately 15,000 linear feet	Visalia District
Tulare	5400919	BUENA VISTA SCHOOL	001	Buena Vista Drinking Water	0	\$900,000	F	Buena Vista Elementary School District is a one-school district in rural Tulare County. Buena Vista maintains one domestic well that serves the students, staff and community members on campus. The District has had consistent nitrate MCL violati	This project will include the following: * hire a consultant to oversee project * drill test well -- water quality and access will be assessed prior to continuing with project. *drill new well with pump and water s	Visalia District
Tulare	5400940	SIERRA KING HOMEOWNERS ASSN.	002	Sierra King Water System: Critical Repairs, Corrections, and Expansion	0	\$1,500,000	O	PROBLEM DESCRIPTION:Infrastructure of the Sierra King water system is aged, inadequate, and breaking. It does not provide a dependable domestic water supply to existing homes, and increased demand is being made of it by new homes within the subdivision.	PROJECT DESCRIPTIONUpgrade the existing, aged Sierra King water system to provide adequate water supply, storage, distribution, and fire protection to the present users on developed properties. Improve ability and efficiency of maintenance activities. Ex	Visalia District
Tulare	5400994	HOPE ELEM SCHOOL	001	Well 2 Nitrate Remediation	0	\$85,000	F	System tested above allowable Nitrate levels. Test results were .67 mcl.	Hope School is a rural school locate 4 miles south Porterville. Ground wateris our only source of drinking water. There are no public systems near thefacilities.The project will consist of exploratory drilling and sampling of various siteswithin the	Visalia District
Tulare	5401003	EAST OROSI C.S.D.	003	East Orosi Safe Drinking Water Feasibility Study	45	\$500,000	F	The Tulare County community of East Orosi is provided drinking water by the East Orosi Community Services District. The two wells that provide water to the District have produced water often exceeding the Maximum Contaminant Level (MCL) for nitrates of 4	The proposed feasibility study would evaluate various options that could provide a dependable supply of potable water for East Orosi residents. These options to be evaluated will include:1) An evaluation of drilling more local water wells to serve th	Visalia District
Tulare	5401006	UC DAVIS-VET SCHOOL	001	UC Davis - Tulare Campus Public Drinking Water Contamination Project	0	\$1,210,000	F	Since July 2005, the UC Davis School of Veterinary Medicine – Veterinary Medicine Teaching & Research Center (VMTRC) located in Tulare, CA, has been under a Bottled Water Exemption approved by Tulare County EHS (County mandated exemption provisions in let	In December 2006, engineering consultants for UC Davis Facilities submitted a proposal for a new well for the UC Davis School of Veterinary Medicine - VMTRC campus located in Tulare, CA in order to address our short-term potable water needs. The estimate	Visalia District
Tulare	5410007	LSID - Tonyville	002	Tonyville Water Quality Improvement Project	25	\$125,000	I	The Lindsay-Strathmore Irrigation District (District) provides water for domestic and/or agricultural irrigation purposes. The District utilizes imported surface water as their primary water supply. The District has a contract for Class 1 water from the	The District believes that the construction of a new water supply pipeline for the Tonyville System will result in lower disinfection by-products (DBPs). The new pipeline will enable the District to provide unchlorinated water to its treatment plant whic	Visalia District
Tulare	5410007	LSID - Tonyville	003	Tonyville Interconnection	45	\$1,038,000	F	The Lindsay-Strathmore Irrigation District (District) provides water for domestic and/or agricultural irrigation purposes. The District utilizes imported surface water as their primary water supply. The District has a contract for Class 1 water from the	A pipeline that interties the District and the City of Lindsay is needed to provide the District with water during canal water supply interruptions and eliminate the need to utilize nitrate-contaminated groundwater wells. The intertie also affords the op	Visalia District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Tulare	5410008	Orosi Public Utility District	006	Water Supply Study - Cutler-Orosi Area	40	\$400,000	F	The Orosi Public Utility District (OPUD) and the Cutler Public Utility District (CPUD) provide domestic water to the residents of the unincorporated communities of Orosi and Cutler, respectively. Each district relies solely on groundwater to meet the water demand.	Due to the local groundwater contamination, the Orosi Public Utility District (OPUD) and Cutler Public Utility District (CPUD) identified a need for dependable potable water supplies to continue serving the existing residents of the Districts, proposed se	Visalia District
Tulare	5410009	Pixley Public Util Dist	008	Pixley Water Supply Feasibility Study	25	\$300,000	G	Pixley, a Disadvantaged Community, is a small town located along Highway 99 in southern Tulare County. The Pixley Public Utility District (District) provides water service to the residents of Pixley. The system is supported by four wells, three of which p	The feasibility study would evaluate the best option for a solution to the water quality problem. The study would evaluate the benefits and drawbacks between drilling new wells and storage facilities versus treatment systems. The project would include the	Visalia District
Tulare	5410009	Pixley Public Util Dist	009	Pixley Safe Drinking Water Supply Project	25	\$5,000,000	G	Pixley, a Disadvantaged Community, is a small town located along Highway 99 in southern Tulare County. The Pixley Public Utility District (District) provides water service to the residents of Pixley. The system is supported by four wells, three of which	The proposed solution to the drinking water quality problems faced by all of Pixleys water sources is to drill two to three wells and build storage facilities. Prior to drilling of these wells, it is recommended that test wells be drilled. When previ	Visalia District
Tulare	5410020	Woodlake, City of	007	Woodlake Water Tank	0	\$1,500,000	M	Our 500,000 gallon water storage tank (city has only one) has been determined (by an outside engineering firm) to be in danger of collapse. Portion of their report states It is this engineers preliminary assessment that the steel tank is in a state of p	The Citys contract Engineering firm has determined that enough surface area at the project site (a hill) will allow for the construction of a 500,000 gallon tank adjacent to the existing tank. Preliminary design has concluded that a retaining wall must b	Visalia District
Tulare	5410022	Camp Nelson Water Company	001	Water Treatment Plant Improvements	0	\$500,000	D	The unincorporated mountain community of Camp Nelson is located in the Sequoia National Forest, approximately 30 miles east of Porterville in Tulare County. The Camp Nelson Water Company (Water Company) provides domestic water to a portion of this commun	The Camp Nelson Water Company (Water Company) needs to upgrade its water treatment facilities to continuously achieve treatment standards. The California Department of Health Services (DHS) has indicated that the provision of flocculation and clarificati	Visalia District
Tulare	5410024	Richgrove Community Services District	002	Richgrove Safe Drinking Water Project	45	\$2,500,000	G	The Tulare County town of Richgrove is provided drinking water by the Richgrove Community Services District. The District has two operable wells that supply Richgrove residents with water. One of these wells, Well #4, has experienced problems with two w	The proposed project would include the drilling of a water test well followed by the drilling of a production well. The proposed location of the well would be approximately one to two miles west of the community as recommended in the Richgrove Water Qua	Visalia District
Tulare	5410026	Poplar Comm Service Dist	002	Water Supply Project - 2007	0	\$600,000	F	The Poplar Community Services District (District) provides domestic water to the residents of the unincorporated community of Poplar. The District's water system serves approximately 2,200 people. The District utilizes three groundwater wells to supply	The Poplar Community Services District (District) has identified the need for a new groundwater well for domestic water supply purposes. The District's proposed project consists of designing and constructing a new groundwater well.The proposed Project	Visalia District
Tulare	5410033	Pratt Mutual Water Co	004	Pratt Mutual Water Company Safe Drinking Water Project	0	\$5,000,000	G	The Pratt Mutual Water Company provides domestic water to the unincorporated Tulare County community of Matheny Tract located south of the City of Tulare. The water system serves approximately 300 residences. The system is supplied by three water wells.	The proposed project would provide an intertie with the City of Tulare. There would be a likelihood of multiple connection points and a looping of the system to provide adequate flow and pressure to the customers in Matheny Tract. Potentially another we	Visalia District
Tulare	5410038	Terra Bella Irrigation District - TBT	004	Vandalia Intertie	25	\$650,000	M	The Terra Bella Irrigation District (TBID) primarily receives its domestic and agricultural water supply through the Friant-Kern Canal of the Central Valley Project. The source of this supply is from the San Joaquin River Watershed. This surface water s	A pipeline that interties the Terra Bella Irrigation District (TBID) and the Vandalia Irrigation District (VID) is needed to provide TBID with water during canal water supply interruptions.The proposed Project consists of the installation of an intertie	Visalia District
Tulare	5410050	Alpaugh Joint Powers Authority	002	Alpaugh JPA Arsenic Treatment Project	25	\$1,368,000	G	The Alpaugh Joint Powers Authority is supplied with water from 2 groundwater wells. The primary well is AJPA Well #1 which has arsenic concentrations in the range of 18 ppb. The secondary well is Alpaugh Irrigation District Well #10 which has arsenic co	The proposed arsenic treatment project is planned to treat water from both both AID Well #10 and AJPA Well #1 at the site of AJPA well #1 where storage facilities are available. The proposed method of treatment is coagulation filtration.	Visalia District
Tuolumne	5500136	BERKELEY CAMP	002	Berkeley Tuolumne Camp: Water Treatment System Renovation	0	\$175,000	I	The City of Berkeley operates Berkeley Tuolumne Camp under a special use permit with the Stanislaus National Forest. The Camp is open spring thru fall serving approximately 310 campers daily during high camping season (June-August) and approximately 1500	The City of Berkeley is requesting funds to update the current manual water filter system at Berkeley's Tuolumne Camp to an automatic system. The current water plant sits amid the 15-acre Berkeley Tuolumne Camp. It is housed in a 226 square foot open	Merced District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Tuolumne	5510001	TUD - Sonora/Jamestown Water System	007	Sonora Water Quality Improvement Program	45	\$1,500,000	J	Water delivered in the business core of the City of Sonora and surrounding residential areas is constantly plagued with terrible taste, odor and color caused by rusty pipes, high iron and manganese and breakthrough of iron and manganese films. There are	TUD proposes to replace one thousand (1000) water service laterals ranging in pipe size from 3/4 inch to 6 inch. The service lines would be replaced from the District main to the customers property line. The District will then implement a private water	Merced District
Tuolumne	5510001	TUD - Sonora/Jamestown Water System	008	Water Treatment Plant Regionalization Study	45	\$500,000	I	The Tuolumne Utilities District (TUD) currently operates 14 separate DHS permitted water systems, 13 of which are served by treated surface water from separate water treatment plants located on the TUD ditch system. The majority of these small independent	TUD proposes to hire engineering and planning consultants to increase water treatment plant reliability, facilitate compliance with current and upcoming disinfection and log removal regulations, reduce the regulatory burden on the state DHS and TUD, and r	Merced District
Tuolumne	5510012	TUD - Upper Basin Water System	011	Sierra Pines Water Treatment Plant	25	\$7,684,875	I	The District owns and operates 14 water treatment plants (WTP) that serve 13,000 treated water customers. The majority of these WTPs are of limited treatment capacity and capability. There are an excessive number of water treatment plants for the numbe	The proposed project includes the design and construction of a WTP that would consolidate four water systems, provide for permanent interconnections of adequate volume to supply the needs of two additional public water systems and eliminate four to six WT	Merced District
Tuolumne	5510013	TUD - Columbia Water System	009	San Diego Ditch Constructed Conveyance	40	\$137,280	C	The Tuolumne Utilities District provides untreated water service through an open, mostly unlined ditch system, to a number of its customers not currently located near a potable water main. This ditch water is the only source of water supply to approximat	The proposed project consists of the design, environmental review and construction of approximately 1400 lineal feet of six inch potable water main connected to the Districts Columbia Water Treatment Plant and installation of service connections for each	Merced District
Tuolumne	5510019	TUD - Mono Village Water System	002	Mono Village System Improvements	35	\$374,080	L	The Mono Village water system was acquired by the Tuolumne Utilities District (TUD) in January of 2004 at the request of the Mono Village Mutual Water Company. It was determined by the Mono Village Mutual Water Company that it would be best that the TUD	This project involves the construction of a new six inch pipeline, 2050 feet in length, 750 lineal feet of ten inch pipeline and new valves. The existing surface water treatment plant will remain in service. The project includes the elimination of the e	Merced District
Tuolumne	5510027	TUD-Cuesta Center-Lambert Lakes	001	Curtis Creek School	35	\$160,000	M	Curtis Creek Elementary School is located in rural area of Sonora, California. The campus houses nearly 500 students and staff during the school year. The current water source is a well. Water is stored in a metal tank and the water quality is declinin	Tuolumne Utilities District (TUD) is installing water within a reasonable accessible distance of the school site. This has previously not been an option for the district. The school is required to provide its own link to the main line. Through the Offi	Merced District
Tuolumne	5510029	TUD - Big Hill Water System	004	Big Hill West Distribution System Replacement	15	\$2,121,754	J	The Big Hill Water System was placed into receivership in 2000 due to water quality and water supply reliability violations. The Tuolumne Utilities District was the designated receiver of the system under the condition that the water distribution system	Replacement of the Big Hill East water distribution system is being funded by the Department of Water Resources, Proposition 13 funded Infrastructure Rehabilitation program. The Big Hill water treatment plant is funded by the DHS - SRF grant. The design	Merced District
Tuolumne	5510033	TUD-Scenic View/Scenic Brook	008	Phoenix Water Treatment Plant	20	\$5,342,625	M	The District owns and operates 14 water treatment plants (WTP) that serve 13,000 treated water customers. The majority of these WTPs are of limited treatment capacity and capability. There are an excessive number of water treatment plants for the numbe	The District owns a parcel of land that is adequate for the construction of a surface water treatment plant that could meet the needs of existing customers, committed parcels and existing residents of the community. The proposed project would provide for	Merced District
Ventura	5602117	STRICKLAND ACRES	001	Strickland Mutual Storage and Distribution Upgrade	0	\$2,000,000	O	- Water outages - up to twelve hours in duration. - Due to age, the system isolation valves are no longer operable, so any leak or repair entails loss of supply to all connections. - Steel laterals within portions of system are corroded and reduced	- Install chlorinator to replace solid pellet system. - Replace water storage tanks (two x 27000 gal. each) (11 panels, 58 bolt center to center, 16 ft high. 26900 gal) - Repair or replace pressure tank Number 2: (19 feet long, 6.5 diameter	Santa Barbara District
Ventura	5610005	MEINERS OAKS CWD	002	SWTP Monitoring and SCADA Alarm system	0	\$150,000	K	The monitoring station and SCADA equipment alarm system is currently located near the SWTP in a temporary large freight shipping container. The equipment is inoperable due to flooding of the container. The system needs a permanent secure building to house	The project will include building a new 10 ft by 15 ft building on a concrete pad adjacent to the SWTP. The flooded SCADA equipment will be rehabilitated to include monitoring the alarms for the system; alarms for high and low chlorine levels and turbidit	Santa Barbara District

County	Water System Number	Water System Name	SDWSRF Project Number	Project Name	SDWSRF Bonus Points	Estimated Project Cost	SRF Project Category	Problem Description	Project Description	Preapp Evaluated by District
Ventura	5610005	MEINERS OAKS CWD	003	Storage Tank Replacement	0	\$750,000	O	The system storage consists of 3-500,000, 1-250,000, and 1-80,000 gallon ground storage tanks. All are interconnected with the distribution system. The tanks are located on gravel base. All are in dilapidated condition. Two of the 500,000 gallon tanks	Replacement of two of the 500,000 gallon storage tanks, and the 80,000 gallon tank. Build new concrete pads adjacent to the current tanks, replace the three tanks including interconnection valving, and demolish the three old tanks.	Santa Barbara District
Ventura	5610005	MEINERS OAKS CWD	004	Distribution Lines Replacement	0	\$150,000	O	The water system has approximately 1000 feet of 6 inch steel pipe predating 1950, and 18,000 feet of 4 inch pipe. The pipelines frequently break, creating significant water loss in the community. Pressure in the system is documented to decrease to less th	Replace approximately 1000 feet of 6 inch steel pipe, and portions of 18,000 feet of 4 inch distribution pipe, with new 6 inch pipeline. Install a booster pump with check valve on an existing exterior concrete pad in pressure Zone 2.	Santa Barbara District
Ventura	5610015	VENTURA CWWWD NO. 19 SOMIS	008	Ventura County Waterworks District No. 19 Infrastructure Improvement	0	\$12,100,000	O	Ventura Waterworks District No. 19 (District) provides water service to domestic and agricultural customers in the Somis community and the surrounding areas. The District was established in 1981 when it assumed the ownership of the Rancho Las Posas Mutua	The project goal is to provide a reliable high quality water supply in compliance with Federal and State requirements and to provide fire flow. This infrastructure improvement project in District No. 19 would implement a replacement program based on an e	Santa Barbara District
Yuba	5800820	RIVER HIGHLANDS COM.SERV.DIST	002	River Highlands CSD Public Water System	0	\$500,000	E	River Highlands CSD supplies water to 85 homes. There is currently no water treatment system. If there was a contamination issue there is nothing in place to treat/filter the water. The wells which supply 100% of the water are not sufficient to adequat	River Highlands CSD supplies water to 85 homes. There is currently no water treatment system. If there was a contamination issue there is nothing in place to treat/filter the water. The wells which supply 100% of the water are not sufficient to adequat	Valley District
Yuba	5810006	Yuba County Water District	001	North Yuba Water District Water Transmission Main	0	\$680,000	H	The District has an existing eight inch water main that delivers water from the water treatment plant to the distribution system. This water main is undersized and cannot convey enough water during summer months for domestic use and fire protection. Cus	The District has an existing eight inch water main that delivers water from the water treatment plant to the distribution system. This water main is undersized and cannot convey enough water during summer months for domestic use and fire protection. Cus	Valley District