

Safe Drinking Water State Revolving Fund

Final 2006 Fundable SDWSRF Project Priority List

SRF Category A

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
20	C	249	5	SAN JERARDO COOP WS	2701904	002 Well exceeds nitrate MCL. system-Under court order	Construct new well or consolidate with another	2003	\$490,000

Total Projects for 'Category' A (1 Project)

Total Costs for Category: \$490,000

Total Population served in Category: 249

SRF Category B

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
40	C	3371	11	TUD - Columbia Water System	5510013	005	THE SHAWS FLAT AREA HAS NUMEROUS FAILING SEPTIC TANK SYSTEMS THAT HAVE CAUSED MICROBIAL CONTAMINATION OF THE LOCAL WELLS.	2000	\$210,000
40	C	93493	16	COMPTON-CITY, WATER DEPT.	1910026	008	Project to correct water outage due to limited water delivery capacity and capability of the Midland Park Water Trust (MPWT) water system (community of approx. 110 service connections) within the City service area	2002	\$1,400,000
30	C	5303	10	ACWA Sutter Creek	0310003	007	Water served for domestic use is untreated surface water from an extremely impaired source that receives a waste water	2000	\$2,000,000
25	C	79	2	Clio Public U.D.	3200509	002	Consistent failures of the coliform MCL and coliform positive samples from spring source resulting in Compliance Order to provide continuous chlorination, among other items.	2005	\$49,500
25	C	100	21	Skyway Subdivision	0405099	001	subdivision w individual wells- half w VOCs; 0.15 w coliform or fecal coli	2005	\$350,000
25	C	120	21	SKY RANCH WATER SYSTEM	5200562	001	Water sources that have repeatedly failed the monthly total coliform standards.	1998	\$495,000
25	C	200	21	Colusa Co. Service Area #2- Stonyford	0600005	002	Lack of adequate water rights to serve population, lack of adequate water storage, low pressure, and old/aging water lines.	2001	\$400,000
20	C	138	2	R.R. Lewis Small WC	4600017	001	Distribution system pressure and flow problems. Replace old concrete storage tanks.	1998	\$131,082
20	C	356	21	Princeton Water District	0600013	004	Water system has two wells that have persistent bacteriological problems. The water system has failed bacteriological water quality standards several times.	1999	\$60,000
20	U	30	11	TUD-MOUNTAIN BOY RD. DITCH CONVEYAN	0011123	001	INDIVIDUAL DITCH CUSTOMERS USING UNTREATED DITCH WATER SUPPLIED BY TUD.	1998	\$475,000
20	U	180	11	TUD-DITCH CONVEYANCE CONVERSION PRO	0011120	001	SWTR Compliance	1998	\$1,200,000

SRF Category B

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
15	C	75	11	Whispering Pines Apartments	2210921 001	The water system has repeated source water bacteriological problems.	RECONSTRUCT THE WELL, UPGRADE THE DISTRIBUTION SYSTEM, CONSTRUCT ADDITIONAL STORAGE, AND INSTALL A CHLORINATION SYSTEM.	1998	\$185,000
10	C	50	9	LINCOLN CHAN-HOME RAN	3400137 001	Well has coliform contamination with no treatment.	Install new pipes, install new well, and a storage tank.	1998	\$30,000
10	C	5303	10	ACWA Sutter Creek	0310003 001	Uses raw, untreated water	PROVIDE POTABLE WATER TO BOSSE PREVATILI AREA. OTHER = DESIGN AND CONSTRUCTION	1998	\$1,200,000
5	P	125	2	OAK RUN ELEMENTARY SCHOOL	4500190 001	Microbial contamination of the water supply resulting in repeated coliform bacteria MCL violation.	Drill a new well.	2000	\$10,000
0	C	150	10	Jackson Valley Irrigation District	0310022 001	JVID currently uses source water of poor quality for customers in Buena Vista area.	Pump good quality Mokelumne River water to a reservoir, which will be constructed along with treatment plant and associated distribution system.	2002	\$2,000,000
0	N	25	2	FRCCSD-Paxton Lodge	3200163 001	Bacteriological monitoring has repeatedly shown the system's sole spring source to be contaminated with total coliform bacteria and on occasion E. coli bacteria since December 2000. The system has been under a Boil Water Notice since December	Obtain a new uncontaminated source.	2004	\$93,000

Total Projects for 'Category' =

B (17 Projects)

Total Costs for Category:

\$10,288,582

Total Population served in Category:

109098

SRF Category C

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
40	C	120	14	PAUMA VALLEY WATER COMPANY	3700934 001	We have an unfiltered stream that should be filtered; open reservoirs and need to convert to tanks.	Replace open reservoirs with tanks.	1998	\$600,000
40	C	398	3	Lake County CSA 7 - Bonanza Springs	1700544 001	Well source appears to be under surface water influence. During 1995 and 1997 rainy seasons, high turbidities plagued the well source. In 1995, a boil water notice was in place for several months.	Installation of a filtration system or connect to Loc Lomand Water System.	1998	\$50,000
35	C	88	3	Lake CSA 22-Mt. Hannah	1700563 001	SWTR	Installation of a filtration system or connect to Loc Lomand Water System.	1998	\$1,000,000
25	C	50	13	SIERRA EAST HOME. ASSOC.	2600622 001	System using well under direct influence of surface water	Drill new deep vertical well	1998	\$25,000
25	C	60	13	DARWIN COMMUNITY SERVICES DISTRICT	1400098 002	Well under direct influence of surface water	Construct SWTP	1998	\$300,000
25	C	150	5	MILLERS LODGE WS	2700992 001	Unfiltered GWUDI wells	Install filtration and disinfection treatment. 7/04 Updated project: drill new well, install tank, install monitoring	2003	\$150,000
25	C	150	1	Lewiston Valley Water Co., Inc.	5301002 001	Turbidity standard failures. Filter system is not an approved filtration technology.	Construct new filter system. Replace transmission main. Add new storage tank.	1998	\$450,000
25	C	1576	1	Willow Creek C.S.D.	1210015 001	Infiltration galleries determined to be under direct influence of surface water. Unfiltered surface water and limited chlorine contact time.	Install filtration facilities and storage tank for chlorine contact time.	2003	\$2,000,000
20	C	217	1	Alderpoint County Water	1200501 001	Uses water from infiltration gallery in Eel River with inadequate treatment to meet	Design and construct filtration and disinfection facilities to meet SWTR.	2000	\$500,000
20	C	338	3	Lake County CSA 18 - Starview	1700574 001	Well appears to be surface water influenced. During 1995 rainy season, high turbidities plagued the well source. Several sections of the distribution system inadequate to deliver water.	Replace 14,500 feet of main, construct new well, construct a new 60,000 tank, .	2006	\$1,321,187
20	C	542	1	Trinity Village Water Co.	5304102 001	Need filtration of Trinity River source and need contact time to comply with CT requirements	Filters for Trinity River source and storage for contact time.	2004	\$150,000
20	C	650	1	Big Rock C.S.D.	0800532 002	Unfiltered surface water (infiltration gallery).	Design and installation of a filtering system at the chlorination building.	1998	\$45,000
20	C	5918	14	Holtville, City of	1310005 003	108 residences are served by raw unfiltered canal water which does not meet coliform standards. See attachment description (attachment 1)	Annexation of service area south of city.	1998	\$2,537,948
20	C	5918	14	Holtville, City of	1310005 002	198 homes north of 9th St. are on raw unfiltered canal water which does not meet coliform standards. See attachment description (attachment 1)	Annexation of service area north of 9th Street.	1999	\$3,225,356

SRF Category C

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
15	C	5000	9	North Tahoe PUD - Main	3110001 011	Unfiltered surface water source.	Construct well, 500 and 1000 gpm. Involves design and construction.	1999	\$400,000
15	C	5000	9	North Tahoe PUD - Main	3110001 013	SWTR Compliance	Increase the Ozone CT valves and equipment specification to address crypto inactivation and construct a facility to meet SWTR avoidance criteria. Involves design and construction.	2000	\$3,050,000
15	C	5000	9	North Tahoe PUD - Main	3110001 010	SWTR Compliance	Install a one million gallon covered reservoir. Involves design and construction.	1999	\$569,000
15	C	12562	21	Nevada ID - E. George, Banner Mountain	2910004 011	Residences using untreated water for drinking and cooking	Construct booster pump station, storage tank and pipelines to provide treated water service	2006	\$6,419,808
10	C	123	5	CLEAR RIDGE WA	2701898 001	Unfiltered surface water.	Install water filtration and disinfection system. Also, need new, larger pipes & valves and storage tanks. Or--drill new well to avoid SWTR.	1998	\$100,000
10	C	129	5	COASTLANDS MWS (POST CREEK)	2701279 001	Surface supply with no treatment provided.	Install SWT system.	1998	\$100,000
10	C	585	1	Gasquet C.S.D.	0800555 009	Unfiltered surface water.	Build additional filtration, storage, and distribution line capacity.	1999	\$486,500
5	C	80	5	Harmony Hills Water System	3500503 001		Drill new wells.	1998	\$200,000
5	C	168	5	OLYMPIA MUTUAL WATER COMPANY	4400581 001	ground/spring water exposed to microorganisms and surface contaminants from animals	surface water treatment system, and redevelopment of springs to limit exposure to contamination and optimize supply	2002	\$50,000
5	C	162586	9	El Dorado ID - Main	0910001 007	Unfiltered surface water entering uncovered earthen distribution reservoir.	Cover reservoir with a rigid cover and create a bypass.	1998	\$600,000
5	C	162586	9	El Dorado ID - Main	0910001 010	SWTR Compliance	(Sac Hill) Evaluation of need to retain reservoir or replace with pump station; design and construct reservoir if necessary.	1998	\$500,000
5	C	162586	9	El Dorado ID - Main	0910001 009	SWTR Compliance	(Thomas Hill) Evaluation of the need to retain reservoir; design and construction of reservoir protection if necessary.	1998	\$1,700,000
5	C	3828700	15	LOS ANGELES-CITY, DEPT. OF WATER & POWER	1910067 002	LOWER STONE CANYON RESERVOIR IS SUBJECT TO THE S.W.T.R. AND IS UNDER COMPLIANCE ORDER BY CDHS. STORM RUNOFF INTRODUCES UNFILTERED SURFACE WATER INTO THE DISTRIBUTION RESERVOIR.	CONSTRUCTING A 32 MGD PUMPING STATION, A 32 MGD FILTRATION PLANT, A 6 MG CLAEARWELL TANK AND ASSOCIATED PIPELINES TO TREAT THE WATER FROM THE LOWER STONE CANYON RESERVOIR BEFORE IT IS DELIVERED TO THE CONSUMER.	1998	\$20,000,000
0	C	38	6	ROSARIO PARK WATER SYSTEM	4200579 002	Surface spring not in compliance and dose not meet volume requirements for the system demand. Several water outages of water each year.	Contract a deep well to replace existing non compliance spring. Replace distribution system	2003	\$250,000
0	C	69	5	LAUREL COMMUNITY LEAUE	4400528 001	No filtration treatment on springs and tunnel flow source, both of which have been determined to be GWUDI	Install approved surface water treatment and disinfection on both sources.	2002	\$120,000

SRF Category C

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
0	C	123	5	CLEAR RIDGE WA	2701898 002	Well is under the influence of surface water	Install surface water filtration system	2003	\$150,000
0	C	135	4	SID-Pleasant Hills Ranch	4810025 001	Unfiltered Surface water source.	Install POEs treatment..	2000	\$463,000
0	C	135	17	Idylwild Water System	4300520 001	Unfiltered surface water supply	install filtration system	2000	\$125,000
0	C	150	5	GARRAPATA WC INC	2701257 002	Well deemed to be GWUDI	Provide treatment and disinfection to comply with SWTR requirements	2003	\$100,000
0	C	300	5	LAS CUMBRES MUTUAL WATER CO	4400631 001	System uses springs for over 50% of water supply. New EPA standards will require treatment of springwater. (Reranked from D to C 4/3/02)	Design/construct appropriate SW treatment system	2002	\$612,370
0	C	450	6	SENIOR CANYON MUTUAL WATER CO	5601117 010	Three connections are located upstream of the surface WTP and are receiving only chlorinated surface water	Construct a 3 to 4 inch water line back from the TP up the canyon to supply the 3 connections that are in violation of SWTR.	2005	\$30,000
0	C	825	5	Forest Lakes MWC	4410016 002	Well 5 deemed to be GWUDI	Install treatment or construct replacement well	2003	\$200,000
0	C	1258	6	SLO CWWDD NO. 6 - SANTA MARGARITA	4010024 001	Wells subject to SWTR compliance and are not filtered.nadequate source of supply. Two wells under influence of surface water. Two other wells inadequate to meet system demand.	connect to Central Coast Water Authority (CCWA) 2/3/06.	1998	\$1,000,000
0	C	2500	14	Pine Valley Mutual WC	3710039 004	Deterioration of water quality and diminshing production in two of the company's 10 wells.	Drilling of 2 additional wells to replace the above mentioned.	1999	\$250,000
0	C	5383	6	SOLVANG WATER DEPARTMENT	4210013 001	Sources are subject to SWTR compliance and are not filtered.	Install 1.85 MGD fitration and disinfection TP to comply with the SWTR.	1999	\$1,980,300
0	C	8298	6	Santa Ynez River Water Cons. Dist. ID#1	4210020 003	Gallery well subject to SWTR compliance and is not filtered.	Provide fitration and disinfection treatment which complies with the SWTR or provide additional piping to utilize the well as an agricultural only source.	1998	\$2,750,000
0	C	11700	8	Trabuco Canyon Water District	3010094 002	Ground water under direct influence of surface water	Install treatment system to comply with surface water treatment rule	2006	\$3,000,000
0	C	24697	9	Placer CWA - Auburn/Bowman	3110005 005	Replacement of plant constructed in 1948 with no filter to waste, inadequate sludge handling, return backwash wrong place, filters aged - no air scour, manual plant with no automation.	Construct replacement plant to current SWTR and ESWTR standards.	2003	\$7,500,000
0	C	86000	6	GOLETA WATER DISRICT	4210004 007	Water supply subject to SWTR compliance and is not filtered.	Construct pipeline, booster station, reservoir and surge tank to bring treated water to the Goleta West line.	1998	\$4,000,000
0	P	45	3	Whale Gulch Elementary Schol	2300847 001	System using unfiltered surface water. School has been placed on a boil water	Develop a spring that will qualify as a groundwater source.	2002	\$50,000
0	P	350	3	Anderson Valley High School	2300764 001	Two wells under the direct influence of surface water.	Install treatment in compliance with the surface water treatment regulations.	2005	\$75,000

SRF Category C

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
0	N	25	9	BIG BEND WATER USERS ASSOCIATION	3100034 001	Surface water sources (springs) are frequently subject to contamination from animal-borne and other transmitted microbial/bacteriological pathogens (fecal coliform, giardia, cryptosporidia, etc.) to the endangerment of the user public and in violation of	Redevelop and restore the structural integrity of surface water sources (springs) to assure water quality and safety- including installation of treatment sytem(s) and procedures. In lieu of this, locate and develop a substitute groundwater source, install	2002	\$200,000

Total Projects for 'Category' = C (46 Projects)

Total Costs for Category: \$69,385,469

Total Population served in Category: 4503761

SRF Category D

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
40	C	120	14	WEST MAIN MUTUAL WATER CO	1300530 001	Our plant is outdated and out of compliance with EPA standards and SWTR.	We propose to connect to City water system (El Centro).	1998	\$357,982
40	C	40509	14	El Centro, City of	1310004 001	West Main has inadequate surface water treatment	consolidate and connect to City of El Centro	2004	\$1,542,850
25	C	30	19	The Anne Sippi Clinic-Riverside Ranch	1503509 001	Obsolete surface water treatment plant that does not comply with the current state and federal requirements	Construct SWTP	2005	\$500,000
25	C	30	1	Kimtu Meadows MWC	1200517 001	Surface water source with cartridge filters that do not fulfill SWTR.	Identify what kind of system would work and implement.	2000	\$300,000
25	C	70	14	VALLEY MOBILE PARK	1300572 001	Surface water treatment plant does not meet SWTR Regulations of treatment technique.	Construct a new surface water treatment plant.	2000	\$100,000
25	C	75	1	Briceland C.S.D.	1200587 001	Fails Turbidity standards at times during the winter months.	Design and Construct source protection. Optimize slow sand filter media construct settling basin an filter and storage capacity	2001	\$200,000
25	C	100	1	Tennant C.S.D.	4700531 001	Currently using unapproved filtration technology for surface water. No coagulant feed.	Add coagulant feed facilities or construct slow sand filters.	1998	\$50,000
25	C	250	18	Sonoma CSA 41-Jenner	4900532 001	Seasonal violations of SWTR turbidity standards.	Install a raw water or decant tank ahead of treatment plant.	1998	\$20,000
25	C	400	9	WASHINGTON WATER DISTRICT	2900523 002	Noncompliance with surface water treatment rule due to inadequate chlorine contact time.	Construct detention storage or alternative disinfection system.	1998	\$190,000
25	C	429	5	DAVENPORT COUNTY SANITATION	4400571 004	Unapproved technology (in-line filter), water outages due to plugging of intake and lack of air relief, and inability to operate during storm events	Install a new filter plant and improve intakes	2001	\$630,000
25	C	454	9	El Dorado ID - Outingdale	0910018 001	SWTR violation	consolidate with EID Main system; 5 miles of 10 inch water main	2003	\$5,500,000
25	C	1500	1	Garberville Sanitary District	1210008 002	The existing filtration capacity is insufficient to meet the Surface Water Treatment Regulation; no backup power to infiltration gallery or treatment plant	Install an additional filtration cell or clarifier unit; Purchase/ install generators for the infiltration gallery and WTP; purchase/ install backup intake pump w controls	2001	\$150,000
25	C	1970	3	Lucerne Water Co. - Cal Water Service	1710005 002	Filtration system cannot reliably produce water that meets a turbidity performance standard of 0.5 NTU	Installation of membrane filters to replace old dual media filters along with automatic control and necessary instrumentation.	2003	\$3,148,000
25	C	2000	2	IVCSD-Greenville	3210001 001	Existing surface water treatment plant is unable to meet proposed standards in the Cryptosporidium action plan.	Install control equipment to improve treatment plant, reservoir coating, etc.Add additional filter. Replace a portion of the distribution system.	1998	\$500,000
25	C	7259	1	City of Yreka	4710011 002	Currently using unapproved in-line filtration technology.	Perform demonstration study to determine if in-line filtration is meeting requirements of SWTR and LT1ESWTR and if not, then what improvements are needed.	2005	\$50,000

SRF Category D

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
25	P	60	1	Mattole Triple Junction High School	1206008 001	Turbidity failures 8 months out of the year. This system uses a surface water source. The Mattole river reaches turbidities of 800+ NTU. Lack of analyzers on site makes it difficult to design or plan a solution	Surface water treatment rule compliance.	2003	\$225,000
25	N	25	1	Bud Fine MWC	5301010 001	Turbidity standard failures. Filter system is not an approved filtration technology. Bolted steel tank is deteriorated and has leaks. Some water mains are deteriorated.	Upgrade filter system, replace storage tank, and replace deteriorated mains.	1998	\$100,000
25	N	178	2	SWEET BRIAR CAMP	4500237 002	Sytem has problems meeting potable water capacity.	Study/planning/design to 1) Improve slow sand filter capacity, for potable water, or 2) Consolidate with Shasta County Service District No. 3 (Castella)	2004	\$100,000
20	C	70	1	Callahan Water District	4700503 001	Unable to meet disinfection performance requirements (CT) due to inadequate contact time. In-line filtration plant occasionally fails turbidity performance standards.	Add storage or replumb to increase contact time for disinfection. Review condition of components of filter plant and repair or replace defective components to ensure proper filtration.	1998	\$250,000
20	C	100	1	Redcrest Water Works	1200544 001	Repeated seasonal violations of turbidity rule sec. 64653(d)(1)(Title 22) during rainy	Improvement/enhancement?Modification of existing slow sand filtration system to achieve compliance with turbidity rule.	2004	\$75,000
20	C	181	2	HAT CREEK WATER CO	4500022 001	Filtered surface water violates the surface water filtration (SWTR) regulations.	Replace existing substandard filtration system and add an additional chlorine contact tank with enclosure building to meet the SWTR	1998	\$28,500
20	C	1800	11	MARIPOSA PUBLIC UTILITY DIST	2210001 005	5/05 wtp does not meet It1eswtr; rerank from G to D per district; nf The system exceeded the DBP MCLs of the DBP Rule.	Construct a new water treatment plant.	2004	\$2,000,000
15C 200		12		IMPROVEMENT DIST #1-Three Rivers CSD	5400968 001	NO PRE-TREATMENT OF SURFACE WATER SOURCE.	New source or improve treatment of riverwell; storage tank and replace old main lines. OTHER - Design and Construction	1998	\$1,133,000
15	C	265	14	RIO BEND WATER SYSTEM RV PARK	1300620 001	filtration plant does not meet standards	build new water treatment plant	2006	\$155,000
15	C	400	20	CHIRIACO SUMMIT WATER DIST.	3301115 001	The present system is antiquated and needs to be updated to meet the state SWTR and federal regulations. We will send additional information and the drawings and information on the new system as soon as we have the finished plan.	The new project will include a 300,000 gallon storage reservoir, plus a new pipe system from the canal to the reservoir which will split water into potable and non potable for use at the Chiriaco site. All new plastic piping will be included as well	1998	\$385,000
15	C	500	3	Riviera West Mutual Water Co.	1700568 001	Surface water treatment facility is In-Line system that cannot achieve two log removal of Giardia.	Installation of another treatment process to enable facility to achieve two log Giardia	2004	\$750,000
15	C	2010	2	Shasta C.S.D.	4510013 003	District has surface water source with filtration treatment deficiencies that violate federal and state regulations concerning surface water treatment requirements.	Upgrade "in-line" unapproved filtration technology to direct approved filtration technology.	2005	\$400,000

SRF Category D

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
15	C	5600	21	City of Grass Valley	2910001 002	Reservoir's hypalon cover has severe degradation.	Design and construct a new cover.	2006	\$1,500,000
15	C	8500	9	Georgetown Divide PUD	0910013 002	Water treatment plant not in compliance with EPA standards. DHS compliance order No. 01-08-04CO-002 dated 2/9/04	Construct Greenwood Lake water treatment plant	2005	\$5,000,000
15	C	8500	9	Georgetown Divide PUD	0910013 001	Defective filters resulting in filter loading rates exceeding those allowed by the SWTR.	Empty filters, the underdrains and surface washers need to be removed and replaced and new flow meters added. Involves design and construction.	1998	\$100,000
10	C	152	9	ALPINE MEADOWS PROPERTY OWNERS	3100041 001	Insufficient contact time to provide adequate disinfection to SWTR.	Install 6" water line from plant to storage tank; install water meters and replace distribution system. Involves design and construction.	2002	\$370,000
10	C	1500	12	Springville PUD	5410011 004	Inline filtration is not an approved filtration technology. Additionally, filtration process occasionally exceeds turbidity standards starting January 2005.	Install U.S. Filter Microfloc-AE Trident - AE Water Treatment System before the inline filtration system.	2005	\$3,000,000
5	C	140	3	Napa County Public Works-LBRID	2800526 001	Thirty year old treatment plant not in compliance with SWTR. Cannot adequately filter water during high turbidity winter months.	Replace existing filter with new one. Install additional plant equipment. Replace galvanized steel piping in distribution system.	1998	\$2,000,000
0	C	16	2	FRCCSD-Old Mill Mutual	3200078 001	Treatment of surface water using unapproved technology.	Replace current surface water source with a well source.	2004	\$97,000
0	C	50	11	HIDDEN LAKE DIST #1	2000544 001	THE EXISTING WATER TREATMENT PLANT DOES NOT HAVE SUFFICIENT CAPACITY TO MEET THE SUMMER DEMANDS OF THE SYSTEM. AS A RESULT, THE STORAGE TANK HAS EMPTIED ON NUMEROUS OCCASIONS.	INSTALL A NEW WATER TREATMENT PLANT (100 GPM CAPACITY), LARGER INTAKE PUMPS, AND ASSOCIATED PIPING AND ELECTRICAL FACILITIES. ALSO INSTALL AN ADDITIONAL 100,000 GALLON STORAGE TANK.	1998	\$2,000,000
0	C	55	18	Sonoma County CSA 41-Freestone	4900549 002	To provide adequate source capacity the system must use ground and surface water sources. The existing surface water treatment require upgrade to comply with the SWTR. Iron and manganese treatment for surface and ground water sources.	Drill a new well and use it as primary, sole source. Use spring as standby source.	1998	\$227,000
0	C	66	17	KINGS MOUNTAIN PARK MUTUAL	4100539 002	Ongoing non-compliance with existing Surface Water Treatment Rule - insufficient filtration	Design and Construction of surface water treatment facility to meet requirements of the Long Term Enhanced Surface Water Treatment Rule	2004	\$200,000
0	C	83	5	BRACKEN BRAE COUNTRY CLUB	4400604 001	Installed bag filter ("approved" alternative technology) for treatment of surface water. Water from treatment plant routinely exceeds turbidity standards in winter.	Construct treatment plant. Technology to be determined by outcome of separate study.	2000	\$55,000
0	C	108	17	LOMA MAR MUTUAL	4100512 006	WTP not meeting turbidity standards	Make upgrades/improvements to WTP	2006	\$71,000
0	C	200	18	Sonoma County CSA 41-Salmon Creek	4900543 001	Community has inadequate gravity storage capacity resulting in water outages during power or pump failures; NOW swtr violation	Construct elevated storage tank; NOW construct water main to connect to adj public water	2005	\$800,000

SRF Category D

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
0	C	200	3	Berryessa Pines Water System	2810009 001	In-line filtration plant unable to meet turbidity performance standards.	Construct new surface water treatment plant with all required reliability features and a new clearwell for chlorine contact time to achieve required inactivation.	2000	\$750,000
0	C	350	5	VILLA DEL MONTE MWC	4400595 002	Surface water treatment does not meet current regs. Raw water reservoir has high algae growth.	Evaluate alternatives and design and construct improvements to bring system into compliance. Design and construct cover for reservoir to prevent algae growth.	2002	\$300,000
0	C	458	21	Del Oro Water Co.-Stirling	0410018 001	Existing surface water treatment plant does not conform to the surface water treatment rule-bed loading too high	Expand the existing plant by the addition of filters, pumps and piping.	2006	\$500,000
0	C	500	3	Napa County Public Works-NBRID	2810013 001	Need second treatment plant filter to meet peak demands. Need to increase chlorine contact time.	Construct new treatment plant filter, Reconfigure piping at clearwell to increase chlorine contact time.	1998	\$2,000,000
0	C	3200	9	Meadow Vista CWD	3110009 003	Water treatment plant has deficiencies that violate SWTR.	Install 2mgd package plant to operate in parallel, but independent of existing facilities.	1998	\$680,000
0	C	40509	14	El Centro, City of	1310004 002	two mobile home parks with inadequately filtered water	connect Nickles MHP and Palm Villa MHP to City of El Centro	2004	\$200,000
0	P	172	18	West Side Union School District	4900719 001	Existing well is under the influence of surface water	Drill a new well or install treatment to meet SWTR	2004	\$30,000
0	N	25	2	FRCCSD-Belden Town	3200103 001	Current filter plant consistently does not meet the turbidity requirements of the SWTR.	Replace current surface water source and treatment plant with a well source.	2004	\$66,000
0	N	25	2	FRCCSD-Tobin	3200105 001	Surface water treatment plant is not an approved technology.	Eliminate the use of surface water by drilling a groundwater well.	2003	\$55,000

Total Projects for 'Category' = D

(49 Projects)

Total Costs for Category:

\$38,841,332

Total Population served in Category:

131394

SRF Category E

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
45	C	1600	12	Tipton Community Services	5410014 003	Single well system had well failure during July 2001. Emergency temporary interconnection to Tipton CSD.	Permanent interconnection to Tipton CSD	2002	\$287,800
25	C	38	2	Greenhaven Homeowner's W.A.	3200195 002	Insufficient source capacity resulting water shortages and low pressure.	Drill second well.	2006	\$40,000
25	C	66	5	OAKRIDGE SUBDIVISION MWC	2701422 001	Insufficient source capacity - service connection moratorium in place.	Consolidation with Aromas Water District.	1999	\$700,000
25	C	120	9	TAHOMA MEADOWS MUTUAL WATER COMPANY	3100033 002	Water occasionally unavailable due to equipment failure, holding tank depleted or other cause.	Design and build a permanent interconnect with adjacent privately owned community system to use during emergencies.	2003	\$20,000
25	C	120	21	Colusa Co. Service Area #1-Century Ranch	0600012 002	System source supply is declining and the system will have water shortages/outages. System surging is occurring due to malfunctioning air vacuum release valves.	Design a surface water treatment plant and replace all air vacuum release valves	2001	\$1,200,000
25	C	196	2	SHASTA CO CSA #23 CRAGVIEW	4500028 001	Insufficient water source capacity resulting in water outages when intake failed last winter. Intake was repaired with a bandaid.	Armor slopes and relocate facilities.	2001	\$160,000
25	C	250	20	RAMONA WATER COMPANY	3301529 002	Correct current chronic total coliform bacteria contamination which has resulted in repeated enforcement actions. Wells, storage tanks, & distribution system piping are in very poor condition resulting in low	Hire consultant to do a master plan for the system and provide a priority list of items for consideration for SRF Construction Funding.	2004	\$100,000
25	C	250	2	LAKESIDE WOODS MUTUAL WATER CO	4500013 001	Insufficient source capacity resulting in water outages, failing mains, and no backup power.	New storage tank, water main repairs and replacement, stand-by generator for power outages and water meters to encourage residents to conserve water to preclude water outages.	1998	\$93,000
25	C	250	9	KYBURZ MUTUAL WATER SYSTEM	0900300 001	2004 fire destroyed watershed and reservoir. Inadequate source of supply.	Incread size of river pump line to treatment plant	1998	\$125,000
25	C	250	20	RAMONA WATER COMPANY	3301529 001	Water shortage, water outages.	Drill new wells, meters, and storage facilities.	2001	\$1,200,000
25	C	625	13	PIONEERTOWN WATER USERS (CSA 70W-4)	3600196 005	Groundwater not able to meet the system demand resulting in outages	Drill and develop additional groundwater wells	2000	\$150,000
25	C	625	13	PIONEERTOWN WATER USERS (CSA 70W-4)	3600196 006	The District is currently operating under a building moratorium due to water quality and quantity problems	Construct 5.3 miles of transmission line to High Desert Water District	2002	\$1,182,000
25	C	750	1	Loleta C.S.D.	1210023 001	Water supply and quality from existing wells has degraded over time. Insufficient water supply results in shortages every summer. Barium concentrations from main source (Well 1) exceed MCL.	Construct intertie with Humboldt Community Services District.	2006	\$2,500,000

SRF Category E

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
25	C	900	12	Plainview Mutual Water Company	5410039 001	ONE OF 2 WELL EXCEEDS NITRATE, DBCP AND BACT. MCL'S. OTHER WELL IS IN CLOSE PROXIMITY. BREAKS IN DIST.MAIN IS COMMON IN ALLEY ADJACENT TO FAILING SEPTIC SYSTEMS.	DRILL NEW WELL, INSTALL ADEQUATE STORAGE, REPLACE WATER DISTRIBUTION SYSTEM. OTHER-DESIGN, CONSTRUCTION, TEST WELL	1998	\$1,581,500
25	C	1638	12	London Community Serv Dist	5410017 001	Lack of system valves results in water shutoff/outages when any main repair is necessary. Also inadequate separation between water mains and sewers.	Construction of new distribution system.	2002	\$1,600,000
25	C	1638	12	London Community Serv Dist	5410017 002	CSD does not have adequate source capacity, Existing wells are old and shallow.	Purchase well site, drill new well, construct storage tank, booster pumps & hydropneumatic tank.	2006	\$1,600,000
25	C	15000	9	Fruitridge Vista Water Company	3410023 003	Several wells inactive or on standby due to MTBE contamination; 1,2,3-TCP detected in Well 13; system experiencing low pressure due to loss of production capacity	Install GAC treatment at Well 13 (two 20,000 pound vessels proposed)	2003	\$800,000
20	C	20	18	Rural Canyon Mutual Water Company	4900618 001	Wells are insufficient to serve system. System experiences depressurization and must haul water in the fall.	Construct a 1 1/2 mile 6 inch line to connect to Forestville CWD, annex to District and pay the connection fees or purchase wholesale water & continue to operate the storage and distribution system.	1999	\$885,000
20	C	65	6	CUYAMA MUTUAL WATER	4200514 001	Well has reduced production capacity which results in water shortages at times. Water quality problems due to high sulfates and hardness. Well has past history of nitrate MCL failure. Nitrates currently around 40 mg/l.	Tie into Cuyama CSD or construct a new well. (Reranked to E from M 1/3/02)	2000	\$250,000
20	C	81	5	LANGLEY/VALLE PACIFICO W2	701670 001	Insufficient source water capacity - water hauled in to augment supply.	Install new well and treatment facilities.	1998	\$400,000
20	C	90	20	DOUBLE 'R' TRAILER PARK	3301220 001	Well is running dry. No where to drill new well because of septic systems.	Connect to Mission Springs WD water system.	2002	\$480,000
20	C	110	12	Pine Flat Water Company	5410034 002	Inadequate source capacity. In order to meet demand, Pine Flat Water Company has made a physical connection to another nearby water system.	Construct a new well and storage tank that will meet community demands.	2005	\$1,300,000
20	C	130	2	Greenhorn Creek Services District	3200188 001	Water outages and low pressures.	New well pump in Well 02, 2 replacement PRVs, and 3 new PRVs.	2006	\$141,350
20	C	834	21	Del Oro Water Co.-Lime Saddle	0410017 001	On emergency water from neighboring Paradise Irrigation District.	Construct 16,600 feet of 10" main with lift stations and an additional 300,000 gallon	1999	\$4,000,000
20	C	1879	2	Quincy Community S.D.	3210004 004	Norton Well - Iron, odor, and decreased capacity	Construct new well	2001	\$150,000
20	C	1879	2	Quincy Community S.D.	3210004 003	Coburn Well - capacity deficient	Construct new well	2001	\$350,000
20	C	11180	21	Del Oro Water Co.-Paradise Pines	0410011 003	Sources do not have sufficient reliable capacity to meet water demands.	Extend a new pipeline to convey treated water from the Lime Saddle surface water treatment plant to the Paradise Pines System	2001	\$4,500,000

SRF Category E

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
20	P	50	13	TECOPA FRANCIS ELEMENTARY SCHOOL	1400063 001	Repeated water outages. Arsenic and fluoride concentrations in excess of MCL	Install storage tanks, new well, and treatment system	2006	\$226,000
20	P	800	17	Loma Prieta JUSD-Loma Prieta School	4300721 001	Current groundwater and surface water supplies are unpredictable in terms of quantity and quality.	Connect to Montevina Pipeline (treated water)distribution system approximately 1 mile away.	2004	\$500,000
20	N	200	9	NEVADA IRRIGATION DISTRICT/GREENHORN	2900577 001	Extremely low yield from wells	Connect campground to potable system from Loma Rica.	2003	\$500,000
15	C	30	20	SPRING CREST WATER & POWER	3301643 001	System has had water outages. System has had numerous coliform failures.The current water storage system is inadequate for providing either operational or fire flow water storage capacity.Distribution system is old and undersized.	A) Need secondary source of water - new well \$25k, B) Provide electrical service to wells/tanks for monitoring \$5k, C) Replace approx. 200 l.f. of 8" water line \$16k, D) Clean out hydrolic wells \$5k Design and construct one	2006	\$471,000
15	C	30	20	SPRING CREST WATER & POWER	3301643 002	Old system that is in need of evaluation for system integrity, ability to provide fire flow protection and the ability to provide service for identified future users within the service	planning activities to solve water source capacity problems	2006	\$100,000
15	C	130	20	ALPINE VILLAGE	3301491 002	We have a lot of dead end lines that run out of water when the rest of the system has water. Would like to lay pipe to loop the sytem and run electric to other wells and need new pumps. System has had numerous coliform failures.	planning study to determine project to solve problem	2005	\$100,000
15	C	130	20	ALPINE VILLAGE	3301491 001		To lay the needed pipe to loop the system. We have 6 other wells we could use but need pumps and electric to run them.	1998	\$200,000
15	C	150	18	Bodega Water Company	4900850 001	Main well source does not produce sufficient source capacity to meet system demand	Build reservoir to meet demand	2002	\$100,000
15	C	200	13	SIERRA GRANDE ESTATES MUTUAL WATER CO.	1400070 001	Excessive consumption of water, and inadequate/ antiquated storage capacity, resulting in frequent water outages	Installation of curbside meters and shutoffs to encourage conservation; Increase and update storage capacity to include pressure tanks and electrical components and track usage	2003	\$195,000
15	C	415	13	FOREST PARK MWC	3600107 001	Insufficient source and storage capacity	Construct new sources and storage facilities	1998	\$150,000
10	C	150	20	RECHE CANYON MWC	3301541 002	System does not meet peak water demand resulting in outages.	Planning study to determine solution for problem.	2005	\$100,000
10	C	150	20	RECHE CANYON MWC	3301541 001	System does not meet peak water demand resulting in outages. Supplemental water is needed.	Install water meters and 6" pipeline 3,800 ft to connect to available city water.	1998	\$500,000
10	C	900	9	Weimar Water Company	3110035 002	Water system failure due to insufficient storage	Construct 750,000 gal water storage tank	2005	\$500,000
10	C	1100	13	YERMO WATER CO	3610118 001	Inadequate source, storage and distribution system resulting in bacti failures and	Construct new well and reservoir, replace mainline	1998	\$850,000

SRF Category E

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
10	C	1500	12	Springville PUD	5410011 001	Only permitted source of supply (wooden flume) was destroyed by fire in spring 2004. Currently pumping water directly from Tule River with portable pump to treatment plant.	Drill approximately 3 to 4 wells for new source.	2005	\$100,000
10	C	3300	5	Seaside Municipal Water System	2710018 001	Insufficient source capacity - water purchased through emergency connection.	Install new well.	1998	\$150,000
5	C	40	16	LLANO FARMS MUTUAL WATER COMPANY	1900514 001	INADEQUATE WATER SUPPLY, DOCUMENTED IN MARCH 1997 INSPECTION REPORT. NUMEROUS OUTAGES.	INSTALL NEW WELL, BOOSTER PUMP, AND STORAGE TANK	1998	\$500,000
5	C	76	16	LITTLE BALDY WATER COMPANY	1900158 004	Water shortages and water outages during dry years and drought periods. Need to ration water and haul water in during such times.	Deepen existing well for more supply, or drill new well	2000	\$500,000
5	C	90	3	Lake View Mutual Water Co.	2300606 001	System capacity inadequate. Must purchase approx. 60% of water needs.	Drill well.	1998	\$30,000
5	C	500	18	Sonoma County Water Agency	4910020 006	Capacity of current aqueduct between Petaluma and Cotati is exceeded during summer months. The ability of the aqueduct to reliably deliver drinking water is compromised during this period.	Construction of an additional pipeline, water storage tanks, booster pump, and related facilities between the existing Cotati tanks and the Kastania tanks in southern Petaluma.	2003	\$20,000,000
0	C	48	5	ECHO VALLEY RD WS #05	2701423 001	Water outages due to insufficient water source capacity.	Design and construction of new well.	1998	\$45,000
0	C	48	5	TIERRA VERDE MWC	2700775 001	Well failures have resulted in frequent water outages, lasting up to 72 hours at a time. Have implemented temporary repairs - need to have longterm solution.	Construct a new well and storage tank to provide long-term reliability	2002	\$75,000
0	C	50	17	Spring Valley Heights MWC	4300856 001	Insufficient source capacity	Construct intertie to neighboring City of Milpitas	2003	\$1,670,000
0	C	60	5	NORTH SHORE ESTATES	2702256 001	Water outages and pressure problems. Only one well, and water table appears to be dropping.	Drill new well or equip existing well with new pump	2003	\$75,000
0	C	62	5	Z RANCH MWC	2700731 001	Insufficient source capacity - service connection moratorium in place.	Add one or two new wells.	1998	\$80,000
0	C	75	5	VIERRA MEADOWS MWC	2702003 001	Insufficient source capacity - system has water outages during high demand periods.	Add additional 15,000 gallon storage tank.	1998	\$30,000
0	C	126	5	ASSISI MWC	2700503 001	Insufficient well production.	Rehabilitate or replace well to provide adequate source capacity.	1998	\$11,630
0	C	200	20	GLEN EDEN SUN CLUB	3301283 001	Insufficient water supply during driest months. Supply is from 3 wells dependant on rainfall in the area. Water restrictions are necessary each year due to declining water	Install a 12" pipeline connection to Elsinore Valley MWD.	2004	\$1,000,000
0	C	230	5	GREENBELT WATER COMPANY INC	4400598 001	Lack of adequate source capacity resulting in water outages during periods of peak	Drill and equip a new well, including appurtenances necessary to supply water to the system such as booster pump, pressure tank, and control system.	2000	\$100,000

SRF Category E

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
0	C	332	13	JUNIPER RIVIERA CO WD	3600222 001	Inadequate source capacity when primary well is out of service	Construct new well	1998	\$130,000
0	C	550	16	WEST SIDE PARK MUTUAL	1900102 003	Limited water delivery capacity and capability of existing source.	Drill new well to correct water outage	2005	\$800,000
0	C	825	5	Forest Lakes MWC	4410016 001	Inadequate source capacity for hard rock well supply, end-of-life for piping, tanks and electrical, need meters	Drill new well, replace aging system, install meters throughout system	2002	\$500,000
0	C	1800	9	Esparto C.S.D.	5710007 002	Lack of wells, lack of water storage. Pressure problems, fire flow.	Drill wells, construct water tanks.	2003	\$950,000
0	C	2500	5	Mt. Hermon Association, Inc.	4410008 001	Well MH1 losing capacity, resulting in water shortages and activation of emergency intertie to Sa nLorenzo Valley WD.	Construct new well	2006	\$300,000
0	C	5412	17	Montara Water and Sanitary District	4110010 022	Insufficient water supply	Develop new GW sources and construct 3 additional storage tanks	2005	\$2,500,000
0	C	9475	13	SO CA WATER CO- WRIGHTWOOD	3610047 001	Demand can exceed source capacity during prolonged drought periods	Construct new well	1998	\$300,000
0	C	10318	13	SBDNO COUNTY SERVICE AREA 70L	3610120 003	Lack reliable source capacity	Construct new well	2000	\$882,000
0	C	24621	7	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 016	PHASE 1 OF 2: EXISTING PIPELINES IN THE MARINA'S MOLE ROADS ARE AGED AND UNDERSIZED	REPLACE THE EXISTING 8", 10" AND 12" PIPELINES WITH 16" PIPELINES(see 08)	2002	\$1,550,000
0	C	24621	7	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 003	OWEN WATER TANK. THE EXISTING TANK IS VERY OLD AND UNDERSIZED. THIS IS A STRATEGIC LOCATION FOR A LARGE RESERVOIR FOR THE SITE IS LARGE ENOUGH TO ERECT A LARGE TANK THAT CAN BENEFIT MOST OF THE TOPANGA CANYON RESIDENTS.	CONSTRUCT A 500,000 GALLON TANK TO IMPROVE SYSTEM RELIABILITY.(See new definition and water outage noted in project	1999	\$1,000,000
0	C	24621	7	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 002	THE EXISTING WATER SYSTEM (CARBON CANYON RD. PIPELINE) AND PUMP STATIONS ARE AGED AND UNDERSIZED.	REPLACE APPROXIMATELY 8000' OF EXISTING WATER MAINS AND RECONSTRUCT A PUMP STATION. (see 08)	2001	\$1,600,000
0	C	24621	7	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 020	Introduce new sources of supply to increase system reliability and provide redundancy to the District in case of emergency outages. The project would meet Compliance Order 04-00CO-003 objectives.	Project consists of installing approx. 9,000 LF of 12-in diam. steel water main and 950 LF of 33-in main. The proposed project would introduce a new water source into the District and provide system redundancy through an interconnection along Encinal Cyn	2004	\$7,000,000
0	C	24621	7	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 018	PHASE 1 OF 2: 3.6 MG WATER STORAGE DEFICIENCY	CONSTRUCT A 2 MG RESERVOIR AT THE EXISTING SUNSET MESA TANK FARM SITE (see 08)	2001	\$2,100,000
0	C	24621	7	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 017	PHASE 2 OF 2: EXISTING PIPELINES IN THE MARINA'S MOLE ROADS ARE AGED AND UNDERSIZED	REPLACE THE EXISTING 8", 10" AND 12" PIPELINES WITH 16" PIPELINES (see 08)	2002	\$870,000

SRF Category E

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
0	C	24621	7	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 005	LAS FLORES MESA TANKS. THE EXISTING WATER TANKS HAVE	REPLACE THE TWO EXISTING WATER TANKS WITH TWO NEW 100,000 GALLON RESERVOIRS. (See 08)	1999	\$700,000
0	C	24621	7	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 010	LAS FLORES MESA. THE EXISTING WATER SYSTEM IS AGED AND UNDERSIZED.	REPLACE APPROXIMATELY 1,700 FT. OF WATER MAIN TO REDUCE MAINTENANCE COSTS.(See 08)	2000	\$840,000
0	C	24621	7	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 014	PHASE 2 OF 2: EXISTING BACKBONE PIPELINE SYSTEM IS AGED AND UNDERSIZED	REPLACE PORTIONS OF THE EXISTING 10" AND 12" PIPELINES WITH 8,000' OF 16" PIPELINE (see 08)	2001	\$1,401,000
0	C	24621	7	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 015	EXISTING 10" PIPELINE SYSTEM THAT CROSSES THE MARINA CHANNEL AND LOOPS THE SYSTEM IS AGED AND UNDERSIZED	REPLACE THE EXISTING 10" PIPELINES WITH 1,100' OF 16" PIPELINE (see 08)	2001	\$1,550,000
0	C	24621	7	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 011	BROADBEACH ROAD PIPELINE. THE EXISTING WATER MAINS ARE UNDERSIZED AND AGED.(See Project 08)	REPLACE EXISTING WATER MAINS.(See project 08)	2000	\$850,000
0	C	24621	7	LOS ANGELES CO WW DISTRICT 29 & 80-MALIB	1910204 013	PHASE 1 OF 2: EXISTING BACKBONE PIPELINE SYSTEM IS AGED AND UNDERSIZED	REPLACE PORTIONS OF THE EXISTING 10" AND 12" PIPELINES WITH 11,000' OF 16" PIPELINE (see 08)	1999	\$1,932,000
0	P	25	13	BARTON FLATS WATER SYSTEM	3601048 001	Frequent water outages resulting from inadequate capacity of existing filtration system that can't run at higher rate to produce water.	Construct a new filtration system to supplement existing treatment plant	2006	\$233,040
0	P	55	17	Montebello SD - Montebello School	4300762 001	Present system fails to provide adequate supply of water to support the campus.	Need to add more capacity with adding another well or more storage. A faster refill ssystem to be considered.	2002	\$75,000
0	P	100	9	LATROBE ELEMENTARY SCHOOL	0900410 001	Miller's Hill School system needs additional source capacity to prevent water outages.	Construct additional well and connect to storage tank.	1998	\$20,000
0	P	100	9	LATROBE ELEMENTARY SCHOOL	0900410 002	No water storage above ground.	Develop plans to install adequate storage for domestic water.	2003	\$10,000
0	P	120	9	MILLERS HILL SCHOOL	0900210 001		Develop plans to install adequate storage for domestic water.	2003	\$10,000
0	N	25	6	VENTUCOPA WATER	4200872 001	Low water production and inadequate storage to meet demand.	Construct new well and storage tank; may include meters	2002	\$675,000
0	N	30	16	CAMP VERDUGO OAKS BOY SCOUTS	1900594 001	Limited water delivery capacity and capability of existing source	Drill new well	2005	\$27,000

Total Projects for 'Category' = E (83 Projects)

Total Costs for Category: \$83,459,320

Total Population served in Category: 378543

SRF Category F

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
45	P	900	12	OROSI HIGH SCHOOL	5400636 001	Exceeds nitrate MCL.	Connection to Orosi PUD.	2001	\$100,000
40	C	220	14	RANCHO ESTATES MUTUAL WATER CO.	3700936 001	The company water source exceeds nitrate MCL. Nitrate removal is not practical due to local conditions.	Install a parallel domestic water distribution system for irrigation.	1998	\$2,800,000
40	C	300	12	TOOLEVILLE WATER CO.	5400567 001	Exceeds nitrate MCL.	Drill a new well or connect to City of Exeter	2002	\$250,000
35	C	12789	5	Soledad, City of	2710011 001	Wells exceed nitrate MCL.	Replace private wells with connection to municipal water.	1998	\$220,000
30	C	60	5	APPLE AVE WS #03	2701036 001	Well exceeds nitrate MCL - may need to hook up to City water.	Drill deeper well or consolidate with City water system.	1998	\$75,000
30	C	90	12	WEST MCKINLEY WATER SYSTEM	1000077 001	WELL EXCEEDING NITRATES, GROSS ALPHA AND URANIUM OVER THE MCLS.	CONNECT TO CITY WATER SYSTEM. INSTALL MAINS & METER. ABANDON EXISTING WELLS.	1998	\$75,000
25	C	28	5	Arnold Park (O'Bannon's MHP)	3500526 001	Nitrate level exceeding 45 mg/L in only supply well	locate new source water or treat existing groundwater for nitrate removal	2002	\$100,000
25	C	35	19	EAST WILSON ROAD WATER COMPANY	1502699 001	Nitrate levels exceed allowable MCL of 45 mg/L. We are at 87 mg/L. Included is a copy of Compliance Order #03-19-010-004	Ion exchange System	2003	\$97,000
25	C	37	20	WHISPERING SANDS MOBILE HOME PARK	3301746 002	Water produced from well exceed nitrate standard.	Connect to adjacent public water system, or drill new well.	2000	\$25,000
25	C	110	12	RODRIQUEZ LABOR CAMP	5400735 001	NITRATE LEVELS EXCEED MCL	DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$200,000
25	C	186	10	MONTEREY PARK TRACT COMMUNITY SERVICE D	5000389 001	Two community wells exceed nitrate MCL.	Either drill new wells or install nitrate treatment.	2004	\$200,000
25	C	186	12	EAST OROSI C.S.D.	5401003 002	Two wells have been found to occasionally produce water with nitrate concentrations exceeding 45 mg/L MCL.	Drill two new wells.	2003	\$400,000
25	C	200	12	LEMON COVE WATER CO.	5400616 001	One well system which has nitrates above the MCL	Drill a new well or connect to system OTHER- Design and Construction	1998	\$150,000
25	C	250	12	FAIRWAYS TRACT MUTUAL	5400663 001	BOTH WELLS OVER NITRATE MCL	INSTALL NITRATE TREATMENT or connect to city of Porterville	1998	\$621,000
25	C	250	11	EL NIDO MOBILE HOME PARK	2400053 001	Well No. 2 exceeds the nitrate MCL.	Construct a new well or install treatment	2004	\$225,000
25	C	2500	5	San Juan Bautista, City of	3510002 001	High nitrates exceeded MCL and TDS in well water.	install filtration plant for surface water supply.	2000	\$750,000
25	C	6300	12	Cutler PUD	5410001 001	HIGH NITRATE/DBCP LEVELS IN INACTIVE WELLS NEEDED TO MEET DEMAND. Reranked from M to F (1/14/02)	INSTALL NEW WELL, BLENDING TANK, AND APPURTENANT FACILITIES to replace high nitrate and DBPC wells. - DESIGN AND CONSTRUCTION.	1999	\$2,186,000
20	C	31	12	GLEANINGS FOR THE HUNGRY	5402047 001	Exceeds nitrate MCL.	Drill a new well.	2002	\$100,000
20	C	42	10	BANTA MUTUAL WATER CO #23900556	001	AGED DISTRIBUTION SYSTEM	REPLACE DISTRIBUTION SYSTEM.	2001	\$100,000

SRF Category F

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
20	C	75	10	BANTA MUTUAL WATER CO	#33900557 001	Aged distributiion system in poor condition.	Replace distribution system.	2001	\$100,000
20	C	75	12	RIVER ISLAND SERVICE TERR #2	5402048 001	System's wells violate the Nitrate MCL.	Locate, Drill, outfit and install new wells.	2005	\$75,000
20	C	81	10	BANTA MUTUAL WATER CO	#13900555 001	AGED DISTRIBUTION SYSTEM.	REPLACE DISTRIBUTION SYSTEM.	2001	\$100,000
20	C	172	12	RIVER ISLAND SERVICE TERR #1	5400665 002	System's sources violate Nitrate MCL.	Locate, drill, outfit and install new wells.	2005	\$200,000
20	C	200	5	SPRINGFIELD MWC	2700771 001	Well exceeds nitrate MCL.	We need funds for evaluation, design, and repairs.	1998	\$200,000
20	C	220	19	SAN JOAQUIN ESTATES MUTUAL	1500575 001	Excessive Nitrate Levels in the system well	Equipment repair and replacement or drill a new well depending upon investigation or laying a new water line less than a mile to east Niles CSD line	2005	\$150,000
20	C	350	12	WATERTEK - GRANDVIEW GARDENS	5400666 001	EXCEEDING NITRATE MCL	DRILL A NEW WELL. or connect to City of Porterville	1998	\$250,000
20	C	400	12	LSID - Tonyville	5410007 002	Unfiltered surface water provided to community of El Rancho within the LSID service area.	Connection to City of Lindsay	2002	\$200,000
20	C	500	12	LSID-Strathmore System	5410036 001	SURFACE SOURCE - RAW WATER STORAGE INADEQUATE DURING WINTER MONTHS WHEN CANAL IS OUT OF SERVICE	DESIGN AND INSTALL CANAL STORAGE FACILITES TO INCREASE CAPACITY AND RELIABILITY OF WINTER WATER DELIVERIES. OTHER - DESIGN AND CONSTRUCTION	1999	\$250,000
20	C	41945	12	Porterville, City of	5410010 012	The City's water system is needed to supply water to seven different privately owned public water systems located around the periphery of the City limits. These systems have nitrates that exceed the MCL.	The City needs to construct three new wells and construct hookups to each system with a master meter and a backflow prevention device.	2005	\$2,100,000
20	P	34	12	CITRUS SOUTH TULE SCHOOL	5400555 001	Exceeds nitrate MCL.	Drill a new well	2002	\$100,000
20	P	60	12	LOVELL SCHOOL	5400634 001	Nitrate and DBCP above MCLs in one-well system	Drill new well; or connect to Cutler PUD	2001	\$542,000
20	P	250	19	MAPLE SCHOOL WATER SYSTEM	1502175 001	Nitrate concentrations exceed MCL in water from the existing well.	Connect to City of Shafter's potable water system, 3 miles from school.	2004	\$530,000
20	P	400	12	SEQUOIA UNION SCHOOL	5400709 001	Exceeds nitrate MCL.	Drill a new well	2001	\$100,000
15	C	100	12	SOULTS MUTUAL WATER CO.	5400805 002	BACTERIOLOGICAL & NO3 > MCL	DEEPEN WELL, RUN WATER CONNECTIONS THROUGH FRONT YARDS. OTHER - DESIGN AND CONSTRUCTION	1998	\$100,000
15	C	600	14	LAKE MORENA OAK SHORE MW CO.	3700923 001	Nitrate MCL violations.	put in treatment	2000	\$150,000

SRF Category F

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
15	P	540	12	FAIRMONT SCHOOL	1000112 001	WELLS PRODUCE WATER THAT EXCEEDS THE NITRATE MCL.	CONSTRUCT A NITRATE REMOVAL TREATMENT SYSTEM.	1998	\$158,200
10	C	67	5	MORO COJO MWA	2700656 003	Water system has 3 wells. 2 are used for domestic (production is ? And unknown). The remaining 3 wells exceed the state MCL for nitrates and are used for irrigation only.	Construct a new well, possibly in a different location.	2000	\$100,000
10	C	250	5	QUEEN MOTEL WS	2700706 002	Both wells supplying water to the system have high nitrate concentrations and are unusable. Bottled water is provided for drinking and cooking.	Construct a new pipeline to tie into California Water System-King City	2001	\$348,000
10	C	12948	5	Greenfield, City of	2710008 002	[Insufficient number of homes to form special assessment district.] Nitrate levels in certain private drinking water systems are too	Install a water main to this property to hook up residences to City water.	1998	\$120,000
10	C	12948	5	Greenfield, City of	2710008 001		Install a water main to this property to hook up residences to City water.	1998	\$250,000
10	C	26177	20	Rubidoux Community SD	3310044 004	High nitrate well.	Installation of treatment.	1999	\$1,100,000
10	N	29	5	OAK PARK WS	2700999 002	Fluctuating levels of nitrate in wells. Nitrate exceeds MCL most of the time and overall trend of nitrate concentration is increasing.	Drill and equip a new well or else install nitrate removal treatment.	2000	\$25,000
10	N	30	9	AILEEN OLSON LABOR CAMP	5700546 001	Nitrate exceeds MCL in water supplied to users.	Deepen well. Involves design and construction.	1998	\$17,000
5	C	200	16	METTLER VALLEY MUTUAL	1900100 001	Bacteriological contamination-enterobacter. TCt results from June 1999-Feb 2000	Requires the hyperchlorination and/or scrubbing of the tanks and chlorinating the distribution system to eradicate the bacteria.	2001	\$20,000
5	C	250	5	RANCHO SAN ANDREAS	4400660 002	High nitrates in source water in excess of MCL.	Properly destroy abandoned well in vicinity of source. Design and construct nitrate removal treatment system.	2000	\$10,000
5	C	315	11	MDWC:CURTIS CREEK	5500058 001	Bacteriological contamination due to inadequate subsurface reservoir and/or wells.	Repair or replace subsurface reservoir and rehabilitate or replace wells.	2004	\$350,000
5	C	438	5	VEGA RD WS #01	2700787 002	Main well collapsed. Backup well is supplying system and supplies water containing nitrate in excess of MCL.	Drill and equip a new well.	2000	\$225,000
5	C	2500	19	STALLION SPRINGS CSD	1510025 002	High nitrate (above the MCL) in Cummings Valley Well #1 that was developed to provide potable water to community.	One option is to tie in pipeline to local Bear Valley CSD; 2nd option is tie in to another well & blend; 3rd option is to install a pipeline to storage tank for blending.	2006	\$1,000,000
0	C	39	5	CALERA CANYON HEIGHTS HOA	2700523 001	Ongoing Total Coliform Rule violation, chronic coliform problems.	Install new tank	2006	\$125,000
0	C	75	5	Union Heights MWC	3500825 001	Well water exceeds the nitrate MCL	Refurbish existing well or replace with new well	2000	\$60,000
0	C	132	17	Burchell Road Water Company	4300567 001	TCR violations due to physical defects with storage reservoir	Reline or replace existing storage tank	2003	\$75,000

SRF Category F

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
0	C	5412	17	Montara Water and Sanitary District	4110010 023	Nitrate contamination at Airport Well	IX Treatment to remove nitrate	2005	\$500,000
0	C	19100	5	Hollister, City of	3510001 012	A well produces water with nitrate content exceeding the MCL. The capacity and location of well are integral to City's ability to meet consumption requirements and provide adequate pressure and to meet fire-flow demand.	Construct membrane filtration plant to treat water from a surface source. Blend treated surface water with well water to reduce nitrate concentration in water delivered to distribution system.	2000	\$6,500,000
0	C	51600	9	City of Woodland	5710006 001	Wells 17 & 20 have high nitrate concentrations that require continuous monitoring	Install a SCADA system and nitrate analyzers with system shutoff controlers	2005	\$1,250,000
0	P	970	6	CAMARILLO AIRPORT	5602505 002	Well 2 exceeds the nitrate MCL. Only standby well in system. System does not have a reliable supply, only one active well.	Install reverse osmosis treatment	2003	\$830,000

Total Projects for 'Category' = F (55 Projects)

Total Costs for Category: \$26,884,200

Total Population served in Category: 203996

SRF Category G

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
45	C	550	19	EDMUNDSON ACRES WATER SYSTEM	1500190 002	Well 01 exceeds the new arsenic MCL of 10 ug/L. Also distribution system is old.	Annex and connect to the Arvin Community Services District and upgrade distribution system	2006	\$850,000
45	C	14500	12	Arvin Community Services Dist	1510001 004	The well serving Edmundson Acres MWC produces Arsenic exceeding revised 10 ug/L MCL, and distribution system is old.	Annex and connect Edmundson Acres MWC water system to Arvin MWC water system and install new distribution system.	2005	\$850,000
45	P	154	19	SOUTH FORK SCHOOL WATER SYSTEM	1502260 001	Uranium exceeds MCL in existing well	Connect to another system with acceptable water quality or drill a new well	2000	\$300,000
45	P	204	19	SOUTH FORK MIDDLE SCHOOL	1503368 001	Uranium above the MCL in the system well.	Drill new well to correct problem or connect to nearest PWS with acceptable water quality	2006	\$800,000
40	C	3264	21	Yuba City Groundwater Region	5115001 001	Arsenic levels too high in source water, unable to meet MCL for arsenic in service water	Convert system to surface water, connect to city of Yuba city surface water system.	2006	\$7,500,000
40	C	9412	21	Yuba City Groundwater-Region 2-3	5110003 002		Convert system to surface water, connect to city of Yuba city surface water system.	2006	\$19,375,500
35	C	60	11	PIKE RANCH MUTUAL WATER CO	2000526 001	WELL WATER CONTAINS GROSS ALPHA THAT EXCEEDS THE MCL. SUBSURFACE STORAGE TANK IS INADEQUATELY SEALED, AND THE WATER LINES ARE DETERIORATED.	DRILL NEW WELLS OR CONNECT TO A NEARBY WATER SYSTEM, INSTALL A NEW STORAGE TANK AND DISTRIBUTION LINES.	1998	\$450,000
35	C	350	12	FOUR SEASONS MOBILE HOME PARK	1600004 001	ARSENIC > MCL. NO BACK-UP SYSTEM. INADEQUATE PRESSURE FIRE CONTROL.	CONSOLIDATE WITH THE CITY OF HANFORD	1998	\$184,000
30	C	45	19	FOUNTAIN TRAILER PARK WATER	1500461 001	Arsenic above MCL	Connection to North Edwards Water District (System no. 1510052)	2000	\$181,425
30	C	600	19	NORTH EDWARDS WD	1510052 002	Interconnect Fountain Trailer Park to District to solve arsenic problem exceeding MCL.	Lay approx. one mile of 8" PVC main and construct storage tank.	2000	\$181,425
25	C	30	19	HUNGRY GULCH WATER SYSTEM	1500436 001	Arsenic level in the systems wells exceed the current MCL	All groundwater wells will be pumped into a storage tank and then filtered to remove arsenic .	2006	\$150,000
25	C	130	19	AERIAL ACRES WATER SYSTEM	1500405 001	The system will not meet the new 10 ug/L federal arsenic standard.	Provide treatment to meet the new federal arsenic standard.	2005	\$300,000
25	C	150	19	RAINBIRD VALLEY MUTUAL WATER COMPANY	1500393 001	Uranium exceeds MCL in Well 2, lack of back-up source.	Add one more well or upgrade back-up well (later been our priority). Other - Design/Construction	1998	\$30,000
25	C	325	19	CANYON MEADOWS MUTUAL WATER	1500443 001	System well exceeds the new federal arsenic MCL of 10 ug/L.	Purchase and instal arsenic removal treatment system	2006	\$75,000
25	C	695	13	CSA 70 W-3 (HACIENDA)	3600114 003	Well does not meet primary standards for gross alpha	Construct treatment system	2000	\$300,000
25	C	1091	12	Alpaugh Joint Powers Authority	5410050 001	Arsenic concentrations exceed federal MCL.	Construct treatment plant to remove arsenic from drinking water.	2005	\$750,000
25	C	1784	12	Home Garden CSD	1610007 002	Currently providing blending treatment to meet existing arsenic MCL. Wells and blended water will violate future MCL. Arsenic ranges from 14-51 ug/L in raw well water.	Water treatment at each well, or possible interconnection to City of Hanford (<1 mile)	2000	\$1,500,000

SRF Category G

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
25	C	2723	12	Richgrove Community Services District	5410024 001	WELL 4 EXCEEDS DBCP MCL	EITHER DRILL NEW WELL OR INSTALL TREATMENT. OTHER - STUDY, DESIGN AND CONSTRUCTION	1998	\$400,000
25	C	3000	12	Riverdale Public Utility District	1010028 002	PUD's existing three wells exceed revised (10 ug/L) Arsenic standard.	Plan, design and construct media filtration systems at each well.	2005	\$5,300,000
25	C	6229	21	City of Live Oak	5110001 010	4 of 5 city wells exceed 10 ug/L arsenic standard	filtration & storage	2003	\$4,000,000
25	C	9837	12	McFarland MWC	1510013 002	System's most critical well (Garzoli Well) exceeds revised Arsenic MCL, and two other wells are old (48 and 52 years).	Provide wellhead treatment to remove Arsenic at Garzoli Well and construct a new well to replace the two aging wells.	2005	\$2,000,000
25	C	14500	12	Arvin Community Services Dist	1510001 001	BENZENE LEVELS HAVE EXCEEDED THE MCL FOR THE 1996 &1997 YEAR IN DISTRICT WATER WELL #7 THAT WAS DRILLED IN 1992. ARSENIC LEVELS IN THAT WELL ARE ALSO NEAR THE MCL AT 47 AND 48 MG/L.	REPLACE THE WELL WITH A NEW WATER WELL. OTHER - DESIGN AND CONSTRUCTION	1998	\$250,000
25	C	14500	12	Arvin Community Services Dist	1510001 002	Arsenic Concentrations exceed federal MCL for Wells 1, 5, 6, & 8.	Construct arsenic removal equipment at each well site.	2005	\$2,000,000
25	C	21131	12	Corcoran, City of	1610004 009	All City wells produce water containing arsenic, with concentrations ranging from 6 to 35 micrograms per liter.	Design and construct an arsenic removal plant.	2005	\$12,760,000
25	C	42007	12	Delano, City of	1510005 001	Arsenic concentrations in several wells will exceed proposed MCL of 10 ug/L.	Construct ion exchange facilities at seven well sites to remove arsenic to acceptable levels.	2004	\$9,000,000
25	P	210	11	EL NIDO ELEMENTARY SCHOOL	2400075 001	The school's well will exceed the Federal arsenic MCL.	Construct a new well or install arsenic removal treatment.	2004	\$125,000
25	P	300	19	POND SCHOOL WATER SYSTEM	1502221 001	US EPA's revised arsenic MCL of 0.010 mg/L will put our system out of compliance in Jan. 2006.	Arsenic Removal Treatment installation.	2006	\$100,000
25	N	50	12	CAL HOT SPRINGS RESORT	5400513 001	Arsenic above revised allowance limit	Filter system	2004	\$200,000
20	C	52	18	Mount Weske Estates Mutual Water Company	4900643 001	High arsenic. Above MCL.	Engineering study, design and construction to determine optimum resolution of problem. For example: a) operate pump a different depth, b) connect to Windsor City water supply.	1998	\$100,000
20	C	180	13	KEELER COMMUNITY SERVICES DISTRICT	1400036 006	Average arsenic level in the Keeler Well Water for the years of 2002/2003 is 68 ppb, which exceeds the current MCL of 50 ppb	Construct a new well or water source or treatment that is affordable	2005	\$1,000,000
20	C	200	1	Copco Lake MWC	4700551 001	High aluminum levels exceeding MCL. (reranked 11/16/01)	Develop a new well source.	1998	\$100,000
20	C	265	2	Plumas Eureka CSD	3210011 002	Each of the District's wells has exceeded the current federal MCL for arsenic of 0.010 mg/L in past monitoring.	Design and install treatment to reduce the level of arsenic at both wells below the current MCL of 0.010 mg/L.	2005	\$15,000
20	C	812	12	Tranquillity Irrigation Dist	1010030 002	Arsenic levels in excess of the MCL in the drinking water for Tranquillity Irrigation	Installation of a treatment system to remove the arsenic from the drinking water .	2005	\$1,250,000

SRF Category G

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
20	C	1020	20	Riverside CSA #122-Mesa Verde	3310028 001	Insufficient supply well and storage reservoir capacity. Groundwater source water quality violations. System delivering water containing high fluoride.	Construct a new supply well, filtration treatment units, storage reservoir, and a transmission main pipeline connection to the Riverside County Airport-Blythe.	1998	\$2,000,000
20	C	1200	12	Buttonwillow CWD	1510011 002	Well 4 exceeds arsenic federal MCL of 10 ug/L.	Treatment plant for the removal of arsenic or installation of 10" pipeline to enable water system to blend the water with other wells in the	2005	\$300,000
20	C	1900	12	Lost Hills Utility District	1510046 002	Well 04 - North has Arsenic at 30 - 50 ppb.	Test, plan, design, and construct coagulation and pressure filtration with appurtances including construction administration.	2003	\$1,900,000
20	C	3239	12	Armona Community Services Dist	1610001 007	Arsenic levels in excess of the MCL for drinking water.	Pressure filtration using manganese green sand with an oxidant or using granular ferric hydroxide as an adsorptive process using ferric-based media to adsorb arsenic and other heavy metals.	2005	\$600,000
20	C	4850	3	Lakeport, City of	1710004 002	Lead and copper rule compliance. Exceeded actions level for copper.	Provide pH/corrosion control facilities.	1998	\$120,000
20	C	6500	12	Firebaugh City	1010005 002	City wells do not meet Federal MCL for arsenic.	Water treatment for arsenic removal.	2005	\$1,000,000
20	C	8819	11	TUD - Sonora/Jamestown Water System	5510001 006	The Sonora Surface Water Treatment Plant produces water that does not comply with the MCL's in the Federal Disinfectants/Disinfection Byproducts Rule. In addition, the plant is hydraulically overloaded during peak demand periods. Furthermore, the flocc	Construct a new surface water treatment plant.	2003	\$3,500,000
20	C	9606	12	Exeter, City of	5410003 001	City standby wells are testing higher than normal and getting to closer or above DBCP MCL and nitrates.	DBCP treatments or construct a new well	2001	\$300,000
20	C	15334	12	Avenal, City of	1610002 001	CANNOT MEET PROPOSED THM STD. DUE TO HIGH TURBIDITY LEVELS IN THE LOCATION OF THE TURNOUT FROM THE SAN LUIS DAM	Planning, design and construction of an ammonia injection system to convert from free chlorine disinfection to chloramine disinfection.	1998	\$500,000
20	C	20993	12	Lemoore, City of	1610005 001	Arsenic in groundwater above proposed federal MCL (4-15 ug/L)	Arsenic treatment	2002	\$4,000,000
20	C	41945	12	Porterville, City of	5410010 010	Well 10 produces water containing PCE that exceeds the MCL of 5 ppb.	To equip the well with wellhead treatment facilities, either GAC or airstripping.	2005	\$650,000
20	C	41945	12	Porterville, City of	5410010 011	Well 12 produces water containing PCE that exceeds the MCL of 5 ppb.	To equip the well with wellhead treatment facilities, either GAC or airstripping.	2005	\$650,000
20	P	750	12	PIONEER ELEMENTARY SCHOOL	1600011 001	Arsenic above the current MCL	Drill new well or provide treatment	2001	\$300,000
15	C	25	10	MAZE BLVD MOBILEHOME PARK	5000041 001	Arsenic in well at greater than 10 ppb.	Determine if pumping from different strata could eliminate problem. If not, install treatment.	2007	\$100,000
15	C	45	3	Sunrise Shore Mutual Water Company	1700536 002	System's single source well produces water that exceeds aluminum MCL	Develop new source well or install treatment on existing well	2003	\$200,000

SRF Category G

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
15	C	250	13	CROWLEY LAKE MUT. WATER DIST.	2600546 001	Only well contaminated with uranium above MCL. System experienced water outages in past. Water outages are currently avoided by using well contaminated with uranium.	Investigate new well sites, review system operations, determine system needs, prepare construction loan applications.	2000	\$300,000
15	C	360	11	BROADVIEW TERRACE WATER CO	2000521 002	The water supply is contaminated with gross alpha and uranium levels that exceed the MCL's.	Construct a new well and/or install treatment facilities.	2002	\$200,000
15	C	450	13	CSA 70F, MORONGO VALLEY	3600226 002	Well does not meet drinking water standard for uranium	Construct treatment system to remove uranium	2000	\$300,000
15	C	550	13	BRIDGEPORT PUD	2610003 002	Arsenic level in twowells are high (0.039 mg/l)	Install treatment system to meet future MCL.(2006)	2005	\$500,000
15	C	720	19	PINON PINES MWC	1510054 001	Fluoride level in the newly developed well necessary to maintain increasing demand are above allowable MCL of 2 mg/L	Reduce fluoride levels by blending with the existing wells that have fluoride levels below the MCL.	2005	\$150,000
15	C	6079	11	MADERA VALLEY WATER COMPANY	2010010 001	The system has wells that will exceed the future arsenic MCL of 10 ug/L.	Install arsenic removal treatment facilities and chlorination systems.	2002	\$650,000
15	C	21500	12	Vaughn WC INC	1510029 002	Arsenic levels range from 12 to 20 ug/L in two existing groundwater wells.	Construct well head treatment for two existing wells.	2005	\$2,000,000
15	C	27000	19	INDIAN WELLS VALLEY W.D.	1510017 003	Five of the twelve wells in our system currently exceed the 10 ug/L arsenic MCL, which equates to 26% of the water distributed in the service area during the 2001 calendar year.	Installation of arsenic filtration equipment or treatment facilities.	2004	\$1,000,000
15	C	100247	20	Elsinore Valley MWD	3310012 006	Intermediate ozonation at Canyon Lake WTP to meet ESWTR. System has failed the THM standard and has high THM at the treatment plant.	See attached sheet	1998	\$1,800,000
15	P	450	12	KIT CARSON ELEM SCHOOL	1600014 001	Arsenic level averages 37 ppb.	Install a purification system that will reduce arsenic levels to below 10 ppb.	2003	\$250,000
10	C	50	11	MARINA VIEW HEIGHTS MD #72000551	002	SYSTEM WELLS EXCEED THE URANIUM MCL.	CONSTRUCT A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM BASS LAKE.	1998	\$300,000
10	C	55	5	DESMOND RD WS #03	2700547 001	Well exceeds chromium and cadmium MCL.	Replace well. This would involve study, design, and construction.	2000	\$50,000
10	C	120	11	LAKE SHORE PARK MD #6	2000550 001	SYSTEM WELLS EXCEED THE URANIUM AND RADIUM MCLS.	CONSTRUCT A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM BASS LAKE.	1998	\$300,000
10	C	150	10	BUEHNER WATER SYSTEM	5000313 002	Existing well exceeds radiological MCL	Drill new well that has good water quality to replace existing well.	2006	\$450,000
10	C	225	11	SIERRA LINDA MUTUAL WATER CO	2000506 001	Main well exceeds the uranium MCL. Also, the system has insufficient source capacity.	Drill a new well.	2003	\$25,000

SRF Category G

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
10	C	600	19	NORTH EDWARDS WD	1510052 003	System will exceed the new federal arsenic standard of 10 ug/L.	Connect to Antelope Valley East Kern Water Agency (AVEK) or alternate arsenic water treatment	2005	\$400,000
10	C	1620	12	Caruthers Comm Serv Dist	1010039 009	Arsenic levels in excess of the MCL in the drinking water for Caruthers Community Service District.	Granular Ferric Hydroxide (GFH) is an adsorption process using ferric-based media to sorb arsenic and other heavy metals from raw water	2003	\$647,000
10	C	2800	11	BASS LAKE WATER COMPANY	2010003 001	The uranium concentration in the School Road Well exceeds the MCL.	Install a treatment system to remove uranium from the well.	2002	\$100,000
10	C	3900	19	MOJAVE PUD	1510014 001	Existing water wells in Cache Creek currently blend the groundwater together and provide water to Mojave. The blended water quality exceeds the new federal arsenic MCL of 10 ug/L.	Construction of a new well and blending the new well water with the existing wells to reduce the arsenic level in the water.	2006	\$750,000
10	C	4850	11	HILMAR COUNTY WATER DISTRICT	2410012 002	Three wells exceed the new arsenic MCL of 10 ppb.	Drill new wells or install arsenic removal treatment facilities.	2008	\$3,500,000
10	C	14349	19	ROSAMOND CSD	1510018 004	Rosamond CSD has four wells and all of them are 10 ug/l or higher for arsenic, thereby exceeding the new federal arsenic MCL of 10 ug/L.	Install package arsenic removal plant at one well that will be used to remove arsenic from water of two wells (Wells 8 and 9). Blend this water with other well water to get arsenic level below 10 ug/L.	2006	\$2,461,146
10	C	45800	12	Hanford, City of	1610003 003	Eighteen of the City's nineteen wells will exceed proposed 10 ug/L arsenic MCL.	Design, purchase and installation of wellhead treatment at each well site.	2004	\$15,000,000
10	C	435245	9	City of Sacramento	3410020 027	Arsenic levels at Well 164 exceed the new MCL	Project will study treatment methodologies, then design, construct/purchase, and install treatment system at well site.	2003	\$400,000
5	C	128	12	FCWWD #40/SHAVER SPRINGS	1000042 001	Water produced by system's well exceeds Uranium MCL. Well yield has declined and does not meet current demand.	Identify suitable well, acquire water rights to the well and construct a pipeline to the system.	2006	\$400,000
5	C	200	11	Yosemite West Water System	2210924 002	EXCEED THE COPPER ACTION LEVEL IN THE DISTRIBUTION SYSTEM.	CONDUCT A STUDY, DESIGN AND CONSTRUCT TREATMENT FACILITIES TO ELIMINATE THE HIGH COPPER LEVELS IN THE SYSTEM.	1998	\$75,000
5	C	800	20	Fern Valley WD	3310040 001	Exceed Lead and Copper Action Levels.	Treatment on 7 Wells.	2000	\$400,000
5	C	16360	15	SANTA FE SPRINGS - CITY, WATER DEPT.	1910245 006	Water well 02 had Arsenic level @ 14 ug/L. Size of the well can not accommodate any treatment facility	Destroy existing well and construct a new replacement well with arsenic treatment facility	2004	\$2,000,000
0	C	30	6	MUSTANG SPRINGS MUTUAL WATER	4000775 001	Well exceeds the fluoride MCL. Reverse Osmosis system installed, because of water quality and design of system consistent water quality hard to maintain.	Design problems need to be assessed or provide new treatment	2002	\$50,000

SRF Category G

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
0	C	100	20	LA PENA HOUSING FACILITY	3302069 001	The system violates the fluoride MCL. We are being required by Riverside County fire dept. to have 60,000 gal water availability for fire protection since our ranch is in rural area; our present system may not accomodate.	Construct a well and 60,000 gal storage tanks and install a fire pump for required pressure.	1998	\$34,400
0	C	120	6	BOBCAT SPRINGS MUTUAL WATER CO	4200891 002	Main well exceeds Arsenic MCL.	Treatment Plant to reduce the arsenic concentration below 10 ppb.	2003	\$150,000
0	C	140	5	Hollister Ranch Estates	3500904 001	Well water has high radioactivity.	drill a new well or install treatment	2002	\$200,000
0	C	396	5	MANANA WOODS MUTUAL WATER CO	4400539 003	Well is contaminated with MTBE in excess of MCL.	Increase size of aeration towers and GAC filters.	2000	\$250,000
0	C	5412	17	Montara Water and Sanitary District	4110010 024	Corrosion causing copper exceedance	Corrosion control treatmnt at Airport Wells	2005	\$500,000
0	C	7850	18	Sebastopol, City of	4910011 003	Two of the City's four wells have arsenic levels above 10 mg/L	Install Arsenic treatment	2005	\$300,000
0	C	12062	10	CITY OF LATHROP	3910015 003	Arsenic in existing City wells above new MCL	Design and construct Arsenic treatment for Lathrop wells.	2004	\$7,500,000
0	C	34934	7	SCWC - CLAREMONT	1910024 002	Green Well #1, a groundwater production well, produces water with 14-45 ug/L of arsenic, exceeding the new MCL of 10 ug/L.	The solution to the arsenic contamination of Green Well #1 is the installation of an arsenic removal treatment facility.	2005	\$1,750,000
0	C	55266	7	PARAMOUNT - CITY, WATER DEPT.	1910105 001	Arsenic and manganese	Existing gas chlorination facility will be replaced with a new sodium hypochlorite solution feed system.	2004	\$1,535,000
0	C	105600	8	Mesa Consolidated WD	3010004 034	unable to meet the bromate MCL at the	install pre-treatment	2003	\$3,000,000

Total Projects for 'Category' = G

(86 Projects)

Total Costs for Category:

\$138,174,896

Total Population served in Category:

1214279

SRF Category H

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
25	C	60	13	DARWIN COMMUNITY SERVICES DISTRICT	1400098 003	Low head transmission line	Replace transmission line	1998	\$1,000,000
25	C	1350	10	C.C.W.D., West Point	0510005 002	See Attached	Construction of two new treated water storage tanks	2002	\$1,403,000
20	C	300	11	MERCED ADULT CORRECTIONAL FACILITY	2400172 001	INTERMITTENT BACTERIOLOGICAL PROBLEMS BELIEVED TO BE CAUSE BY A STORAGE TANK WITH A RUBBER BLADDER.	CONSTRUCT A NEW 100,000 GALLON BOLTED STEEK TANK AND INSTALL AN AUTOMATIC CHLORINATOR.	1998	\$100,000
20	C	825	14	YUIMA MUNICIPAL WATER DISTRICT IDA	3700938 001	Three open reservoirs are sources of possible contamination.	Install flating polypropyline covers.	1998	\$194,400
20	C	1300	1	McCloud C.S.D.	4710006 001	System has existing 1.25 MG storage tank in distribution that is only allowed to be used for fire emergencies since it is not covered.	Construct a cover over the 1.25 million gallon storage tank so it can be used continuously.	1998	\$1,000,000
20	C	1300	1	McCloud C.S.D.	4710006 002	Low head transmission main with numerous leaks and vulnerable to damage where pipe is exposed. (Documented in inspection	Construct new pipe line and seal spring.	2001	\$2,406,842
20	C	25500	20	Banning, City of	3310006 001	System has 16,000 L.F. of low head transmission main.	Replace the entire 16,000 L.F. of 18" and 20" with a new 20" C.M.L.C. pipe.	1998	\$2,000,000
20	C	25500	20	Banning, City of	3310006 003	Potential for water outages due to aged transmission line and storage tank.	Pipeline and storage tank replacement	2002	\$10,000,000
20	C	26227	21	Paradise Irrigation District	0410007 001	The District's "B" Reservoir is a hypalon-covered reservoir that needs to be improved or replaced.	Remove "B" reservoir and install new 10 MG reservoir.	1998	\$3,700,000
15	C	400	12	SEVILLE WATER CO.	5400550 001	DUE TO OLD DETERIORATING DISTRIBUTION LINES, NUMEROUS WATER OUTAGES HAVE OCCURRED DUE TO LEAKING PIPES.	REPLACEMENT OF THE ENTIRE PLUMBING SYSTEM. OTHER - DESIGN AND CONSTRUCTION	1998	\$300,000
15	C	950	2	Leavitt Lake CSD	1810004 001	Existing wood-framed reservoir cover is structurally failing and is expected to	The District would like to put in an above ground storage tank of approximately 300,000 gallons capacity.	1998	\$250,000
15	C	32500	9	City of West Sacramento	5710003 005	Existing floating cover has many defects. Replace with rigid roof.	Add a rigid cover to the clear well and keep the floating cover.	1998	\$500,000
15	C	32500	9	City of West Sacramento	5710003 001		Add a rigid cover to the clearwell and keep the floating cover, too.	1998	\$325,000
10	C	500	5	SAN LUCAS WD	2701676 005	Low head lines.	Design and engineer a pressure system.	1998	\$16,500
5	C	76	16	LITTLE BALDY WATER COMPANY	1900158 002	DISTRIBUTION SYSTEM CONSISTS OF 10 INCH CONCRETE IRRIGATION PIPE INCAPABLE OF SUSTAINING PRESSURIZED FLOW. FLOWS UNDER GRAVITY AND LOW HEAD CONDITIONS.	EXPOSE OLD LINE, REPLACE WITH NEW 6 INCH PVC SCHEDULE 90 PIPE, AND REFILL TRENCH.	1998	\$1,050,000
5	C	120	9	AUBURN VALLEY COMMUNITY SERVICE DIS	3100011 002	Floating cover on reservoir has deteriorated and must be replaced.	Replace cover. Involves design and	1998	\$40,000

SRF Category H

Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
5	C	125	9	Madden Creek Water Company	3110043 001	Old cement storage tank needs to be replaced.	Install new steel tank.	1999	\$47,500
5	C	9950	9	Placerville, City of - Main	0910003 002	750,000 gallon treated water reservoir with a floating cover.	Construction of a rigid structure cover or installation of a tank.	1998	\$325,000
5	C	9950	9	Placerville, City of - Main	0910003 003	Backwash system is inadequate to clean filters.	Replace tank or install piping and a pump system to backwash from treated water	1998	\$85,000
5	C	9950	9	Placerville, City of - Main	0910003 004	Water entering the treatment plant is stored in an unlined, uncovered storage pond. The pond holds approx 900,000 gallons of water, providing sedimentation and coagulation.	Install water tank as replacement.	1998	\$462,000
5	C	9950	9	Placerville, City of - Main	0910003 001	450,000 gallon treated water reservoir with a floating cover.	Construction of a rigid structure cover or installation of a tank.	1998	\$225,000
5	C	16561	14	Rainbow Municipal WD	3710016 001	Morro reservoir is an open potable water reservoir that does not comply w/ DHS open reservoir policy #95-005.	Add light weight aluminum roof or hypalon cover. NOTE: only 2,000,000 for HYPALON cover.	1998	\$13,000,000
5	C	16561	14	Rainbow Municipal WD	3710016 002	North reservoir is an open potable water reservoir that does not comply w/ DHS open reservoir policy #95-005.	Replace with a 5 MG steel tank, add aluminum roof, add hypalon cover, or convert to raw water impoundment and add microfiltration. NOTE: steel tank/\$3M, micro plant/\$4.5M, HYPALON/\$0.3M, roof/\$1.5M	1998	\$4,500,000
5	C	16561	14	Rainbow Municipal WD	3710016 003	North Side Reservoir is an open potable water reservoir that does not comply w/ DHS open reservoir policy #95-005.	Add aluminum roof, add hypalon cover, or convert to raw water impoundment and add microfiltration. NOTE: micro plant/\$8.9M, HYPALON/\$0.5M, roof/\$3.2M	1998	\$8,900,000
5	C	24697	9	Placer CWA - Auburn/Bowman	3110005 002	Reservoir has flexible floating cover which is defective.	Design and construct steel or concrete 10 mg reservoir.	1999	\$2,800,000
5	C	76000	14	Vallecitos WD	3710002 001	Algae taste and odor problems with an open (uncovered) potable water reservoir with sporadic positive total coliforms.	Please see attached	1998	\$28,083,000
5	C	120000	14	Vista Irrigation District	3710027 001	Public health and safety concerns associated with age and deterioration of the low head Vista Flume (potable water conveyance system). See Attachement 1 and	Permanent replacement of Vista Flume with pressure pipeline. See Attachement 2 and 3.	1998	\$14,430,000
5	C	162586	9	El Dorado ID - Main	0910001 011	Reservoir is protected with a floating cover, which has defects.	(Pollock Pines) Replace floating cover with a rigid cover and adequate bypass. Design and construction is involved.	1998	\$1,700,000
5	C	162586	9	El Dorado ID - Main	0910001 012		(Moose Hall) Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	1998	\$600,000
5	C	162586	9	El Dorado ID - Main	0910001 013	Reservoir is covered with a floating cover, which has defects.	(Dolomite) Replace floating cover with rigid cover. Involves design and construction.	1999	\$2,300,000
5	C	162586	9	El Dorado ID - Main	0910001 014		(Res 11) Replace floating cover with a rigid cover. Involves design and construction.	1998	\$2,800,000

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Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
5	C	162586	9	El Dorado ID - Main	0910001 015	Reservoir is covered with a floating cover which is defective.	(Res B) Replace floating cover with rigid cover and an adequate bypass. Involves design and construction.	1998	\$800,000
5	C	162586	9	El Dorado ID - Main	0910001 017		(Res 1) Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	1998	\$1,700,000
5	C	162586	9	El Dorado ID - Main	0910001 016		(Res C) Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	1998	\$800,000
0	C	0	15	CASTAIC LAKE WATER AGENCY	1910048 002	CLWA HAS TWO 15-MILLION GALLON CLEARWELLS AT THE RIO VISTA FILTRATION PLANT WITH FLOATING COVERS.	CONSTRUCT NEW CLEARWELLS. THE DESIGN OF THE EXISTING CLEARWELLS WAS SPECIFIC FOR FLOATING COVERS, SO THESE STRUCTURES CANNOT BE MODIFIED TO ACCEPT RIGID COVERS.	1998	\$20,000,000
0	C	186	17	COUNTY SERVICE AREA 7	4100509 002	Domestic water mains with pressure less than 5 psi.	Replace old undersized water mains. Relocate the section of mains that are crossing the creek to prevent fires.	1999	\$1,600,000
0	C	200	20	ANZA MUTUAL WATER COMPANY	3301180 001	Water Outages. Reranked from E to H per District. (9/17/01)	Distribution System Improvements	2001	\$50,000
0	C	250	20	El Sobrante (ID-F)	3302104 001	Water delivered is not fit for domestic use, due to uncovered and unlined storage reservoirs and an aging distribution system.	See attached.	1999	\$1,000,000
0	C	3200	9	Meadow Vista County Water Dist	3110009 002	Storage reservoirs have floating covers which apparently are no longer permitted by DHS.	Replace two (2) 2mg reservoirs with welded steel tanks.	1998	\$2,259,000
0	C	18200	6	CARPINTERIA VALLEY WATER DISTRICT	4210001 002	District receives water from an open distribution reservoir. The reservoir is uncovered and does not conform to current standards.	Construct a cover for the open distribution reservoir	2003	\$6,000,000
0	C	25226	16	SOUTH PASADENA-CITY, WATER DEPT.	1910154 005	Water pressure in the south-western section of the city is extremely low water pressure making the system susceptible to backflow contamination, and impairing health and sanitation on customer facilities.	Revise current pressure zone, convert to variable speed booster pumps, and build a connection to the existing high pressure supply from the LA MWD. Project involves: Design, and Construction	1999	\$1,200,000
0	C	25226	16	SOUTH PASADENA-CITY, WATER DEPT.	1910154 006	Water pressure in the mid-western section of the city is extremely low water pressure making the system susceptible to backflow contamination, and impairing health and sanitation on customer facilities.	Build a booster pumping station at Grand Reservoir. Project involves: Design, and Construction	1998	\$750,000
0	C	9974087	16	METROPOLITAN WATER DIST. OF SO. CAL.	1910087 001	Floating cover damaged on Garvey Reservoir (1,610 acre-foot finished water storage).	Design and install a floating cover upon completion of the liner system.	1998	\$10,000,000

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Bonus	Type	Pop	District	Water System Name	Project Number	Problem	Project Description	Requested FY	Cost
0	S	25	3	CANNON PARK WATER CO.	2800632	001	Distribution system tank roof failed structurally and had to be removed. Tank now without roof.	2002	\$5,000

Total Projects for 'Category' = H (44 Projects)

Total Costs for Category: \$150,707,242

Total Population served in Category: 11644415

Total Projects for all 'Categories' (381 Projects)

Grand Total \$518,231,041