
**ANNUAL REPORT
State Fiscal Year 2021-22
(July 1, 2021 through June 30, 2022)**

CLEAN WATER STATE REVOLVING FUND

and

**The Water Quality, Supply, and Infrastructure
Improvement Act of 2014
(Prop 1)**

and

**The California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor
Access for All Act of 2018 (Prop 68)**

**California State Water Resources Control Board
Division of Financial Assistance • 1001 I Street • Sacramento, CA 95814**

OUR VISION

Abundant clean water for human uses and environmental protection to sustain California's future.

OUR MISSION

To preserve, enhance, and restore the quality of California's water resources and drinking water for the protection of the environment, public health, and all beneficial uses, and to ensure proper water resource allocation and efficient use, for the benefit of present and future generations.



About the State and Regional Water Boards



The State Water Resources Control Board (State Water Board) was created in 1967. Its comprehensive authority over allocation, planning, and enforcement enables the State Water Board to protect California's water quality and drinking water.


The State Water Board consists of five full-time salaried members, each filling a different specialty position. Each Board member is appointed to a four-year term by the Governor and confirmed by the Senate.



There are nine Regional Water Quality Control Boards (Regional Water Boards). The Regional Water Boards develop and enforce water quality objectives and implement plans that protect the beneficial uses of the state's waters, recognizing local differences in climate, topography, geology, and hydrology.


Each Regional Water Board has seven part-time members, also appointed by the Governor, and confirmed by the Senate. Regional Water Boards develop "basin plans" for their hydrologic areas, issue waste discharge permits, take enforcement action against violators, and monitor water quality.

State Water Resources Control Board – Members and Executive Director

	<p>E. Joaquin Esquivel BOARD CHAIR</p> <p>E. Joaquin Esquivel was appointed to the State Water Resources Control Board by Governor Jerry Brown in March 2017 and designated by Governor Gavin Newsom as Chair in February 2019. Previously, he served as Assistant Secretary for federal water policy at the California Natural Resources Agency in the Governor’s Washington, D.C. office, where he facilitated the development of policy priorities between the agency, the Governor’s Office, the California Congressional delegation, and federal stakeholder agencies.</p> <p>Prior to his position with the Natural Resources Agency, Mr. Esquivel worked for U.S. Senator Barbara Boxer of California, most recently as her legislative assistant covering the agriculture, Native American, water, oceans, and nutrition portfolios, in addition to being the Director of Information and Technology.</p> <p>Mr. Esquivel was born and raised in California’s Coachella Valley. He holds a Bachelor of Arts degree in English from the University of California, Santa Barbara.</p>
	<p>Dorene D'Adamo BOARD VICE CHAIR</p> <p>Dorene D'Adamo was appointed to the State Water Resources Control Board by Governor Brown in 2013 and reappointed in 2018. She serves as the Vice-Chair and as the agriculture member of the Board. Ms. D'Adamo is on the Board of the California Partnership for the San Joaquin Valley and on the Board of the Pacific Forest and Watershed Lands Stewardship Council, and she also served on the Governor’s Drought Task Force. She was a member of the California Air Resources Board from 1999-2013 where she was instrumental in the board's air quality and climate change programs and regulations.</p> <p>Ms. D'Adamo served in various capacities for Members of Congress from the San Joaquin Valley for over a 20-year period, working primarily on environmental, water and agricultural legislative policy.</p>

	<p>Ms. D'Adamo earned a Bachelor of Arts degree from the University of California, Davis and a Juris Doctor from the University of the Pacific, McGeorge School of Law.</p>
	<p>Nichole Morgan BOARD MEMBER</p> <p>Nichole Morgan was appointed as the civil engineer to the State Water Resources Control Board by Governor Gavin Newsom in June 2021. Ms. Morgan most recently served as an Assistant Deputy Director in the State Water Resources Control Board's Division of Financial Assistance, where she worked on projects providing funding for drinking water, wastewater, storm water and groundwater infrastructure improvements. During this time Ms. Morgan also managed a variety of additional programs including the Lead in Child Care Centers, Fish Advisories, and Drinking Water and Wastewater Operator Certification programs.</p> <p>From 1999 to 2009 Ms. Morgan worked for public agencies and engineering consulting firms. Her responsibilities included planning, designing, and overseeing the construction of drinking water, wastewater and recycled water treatment and conveyance facilities throughout California. Ms. Morgan joined the State Water Resources Control Board in 2009 where she worked as staff in the Division of Financial Assistance, Delta Water Master's Office, and the Division of Water Rights. Ms. Morgan worked as a manager at the Central Valley Regional Water Board from 2012 to 2018, where she managed the region's NPDES program. She returned to the State Water Board in 2018 as the head of the Office of Sustainable Water Solutions and was promoted in 2019 to an Assistant Deputy Director with the Division of Financial Assistance.</p> <p>Ms. Morgan has a Bachelor of Science in Civil Engineering from California State University, Sacramento.</p>

 A portrait of Sean Maguire, a man with short brown hair, a beard, and glasses, wearing a grey suit jacket, a white shirt, and a blue tie. He is smiling slightly and looking towards the camera.	<p>Sean Maguire BOARD MEMBER</p> <p>Sean Maguire was appointed to the State Water Resources Control Board in December 2018 by Governor Brown and is a registered civil engineer. Mr. Maguire has had a diverse career in both public service and as an engineering consultant; these provide valuable perspectives on the administrative challenges facing a government agency and the needs of a broad array of water interests.</p> <p>From 2015-2018, Mr. Maguire worked for the State Water Resources Control Board as a manager of the Storm Water Grant Program in the Division of Financial Assistance, and later as a manager in the Division of Water Rights where he oversaw administration of water right change petitions, licensing, and cannabis cultivation permitting. Prior to joining the Board, from 2003-2015, he worked for an engineering consulting firm serving a variety of municipalities and water agencies throughout the state, focused on water resources planning, drinking water, and wastewater infrastructure projects. Much of his work involved developing integrated water management and long-term water supply solutions to meet the needs of both water users and the environment.</p> <p>Mr. Maguire has a Bachelor of Science degree in Civil Engineering from California State University, Sacramento.</p>
 A portrait of Laurel Firestone, a woman with long dark hair, wearing a dark blazer over a white top. She is smiling and looking towards the camera.	<p>Laurel Firestone BOARD MEMBER</p> <p>Laurel Firestone was appointed to the State Water Resources Control Board by Governor Gavin Newsom in February 2019. Prior to joining the Board, Laurel co-founded and co-directed, from 2006-2019, the Community Water Center, a statewide non-profit environmental justice organization based in California's Central Valley and Central Coast. Her career has focused on ensuring all Californians have access to safe, clean, and affordable drinking water, and building increased diversity, equity, and inclusivity into water decision-making.</p> <p>Ms. Firestone has received a variety of awards and recognitions for her work, including the James Irvine</p>

	<p>Foundation’s Leadership Award in 2018, and the Gary Bellow Public Service Award by the Harvard Law School in 2013.</p> <p>Ms. Firestone served on the Tulare County Water Commission from 2007-2012, as well as a variety of state policy advisory committees. She has partnered with universities to develop research and clinical programs to further the human right to water, and written articles and publications related to drinking water and the environment.</p> <p>Ms. Firestone earned a Juris Doctor degree and graduated with honors from Harvard Law School and holds a Bachelor of Arts degree in Environmental Studies, Magna Cum Laude, from Brown University.</p>
	<p>Eileen Sobeck EXECUTIVE DIRECTOR</p> <p>Eileen Sobeck was selected as Executive Director by the Board in August 2017. Ms. Sobeck has nearly 40 years of government service, and more than two decades of executive and management experience leading professional staff in complex organizations. She has spent majority of her career in federal agencies that touch on many of the same science-based, public resource challenges the State Water Board faces.</p> <p>Ms. Sobeck was the National Oceanic and Atmospheric Administration's (NOAA) Assistant Administrator for Fisheries at the U.S. Department of Commerce (2014-2017). Prior to her work at NOAA, she was the Department of Interior's Acting Assistant Secretary for Insular Affairs (2012-2014), and Deputy Assistant Secretary for Fish and Wildlife and Parks (2009-2012). Ms. Sobeck is a lawyer by training and spent 25 years at the U.S. Department of Justice, ultimately serving as Deputy Assistant Attorney General for the Environment and Natural Resources Division (1999-2009).</p> <p>While Ms. Sobeck has spent most of her professional career in Washington, D.C., she has many ties to California. Ms. Sobeck grew up in Davis, earned a Juris Doctor degree from Stanford Law School, a Bachelor of Arts degree in Political Science from Stanford University, and has strong family connections to California.</p>



California Environmental Protection Agency
STATE WATER RESOURCES CONTROL BOARD

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I. INTRODUCTION

The California State Water Resources Control Board (State Water Board), Division of Financial Assistance (DFA) presents the Clean Water State Revolving Fund (CWSRF) annual report for State Fiscal Year (SFY) 2021-22. It describes how the State Water Board met the objectives identified in the [SFY 2021-22 CWSRF Intended Use Plan \(IUP\)](#).

The federal Clean Water Act provides each state the opportunity to establish a CWSRF to help achieve the goal of clean water. The CWSRF is capitalized with federal and state funds and revolves in perpetuity using the repayments and earnings from financed projects and other investments. The State Water Board has historically provided affordable CWSRF financing for publicly owned treatment works, non-point source (NPS) projects, and estuary projects. More information about California's CWSRF program can be found on the State Water Board's CWSRF website at <http://www.waterboards.ca.gov/cwsrf>.

Through the CWSRF program, the State Water Board has protected and promoted the health, safety, and welfare of Californians since 1989. Every project financed through the CWSRF program is directly related to improving water quality, public health, or both, and many CWSRF recipients use their financing to remedy water quality violations and associated enforcement actions by the Regional Water Quality Control Boards (Regional Water Boards). The State Water Board provided approximately \$2.1 billion in new CWSRF financing to 54 projects in SFY 2021-22. The projects funded in 2021-22 include a variety of project types eligible under the CWSRF.

II. FINANCIAL RESULTS

A. Cumulative Financial Activity

To satisfy federal requirements and ensure the accuracy of the State Water Board's financial management of the CWSRF, audited financial statements for the year ending June 30, 2022, were completed January 31, 2023, and are included as Appendix E in this report. This section provides important financial highlights about the CWSRF as of June 30, 2022.

As of June 30, 2022,

- The cumulative CWSRF funds available for planning and construction financial assistance since inception was approximately \$13.141 billion.
- The State Water Board, and preceding departments/agencies, had committed approximately 107 percent (107%) of available funds to planning and construction projects through binding commitments (executed financing agreements).
- The State Water Board, and preceding departments/agencies, had disbursed approximately 82 percent (82%) of available funds for planning and construction projects

Cumulative CWSRF program activity from inception through the end of SFY 2021-22 is described below in Table 1.

Table 1: Cumulative CWSRF Activity Since Inception
as of June 30, 2022

Activity	Life of Program
Number of Binding Commitments	944
Value of Binding Commitments	\$14.118 billion
Disbursements and Expenditures	\$10.754 billion

B. Net Position

The net positions of the CWSRF program as of June 30, 2021, and June 30, 2022 are shown in Table 2.

Table 2: CWSRF Statement of Net Position
(Dollars in Thousands)

	June 30, 2022	June 30, 2021
Assets		
Current Assets	\$949,343	\$1,115,095
Other Assets	\$4,749,305	\$4,524,498
Total Assets	\$5,698,648	\$5,639,593
Liabilities		
Current Liabilities	\$123,342	\$120,802
Non-Current Liabilities	\$1,130,511	\$1,118,142
Total Liabilities	\$1,130,511	\$1,238,944
Net Position		
Restricted	\$4,226,345	\$ 2,242,222
Unrestricted	\$341,792	\$ 2,158,427
Total Net Position	\$4,568,137	\$ 4,400,649

C. Revenues and Contributions

The total revenues and contributions for SFY 2021-22 were \$225 million. Revenues for this period are further summarized in Table 3 below.

Table 3: SFY 2021-22 CWSRF Revenues
(Dollars in Thousands)

Loan Interest Income	\$59,307
Net Investment Income*	\$2,391
Capitalization Grant - Principal Forgiveness	\$27,171
Capitalization Grant - Loans	\$136,871
State Match	\$85

*This revenue is not an operating revenue

D. Disbursements and Expenses

Total disbursements and expenses for SFY 2021-22 were approximately \$825 million. Total disbursements do not include matching funds provided by financing recipients. Disbursements and expenses for this period are provided in Table 4.

Table 4: SFY 2021-22 CWSRF Disbursements and Expenses
(Dollars in Thousands)

Loan Disbursements	\$658,402
Principal Forgiveness Disbursements	\$27,171
Employee Salaries and Vendor Payments	\$510
Bond Fees Paid	\$120
Principal Paid on Revenue Bonds	\$87,375
Interest Paid on Revenue Bonds	\$51,597

E. Service Charges¹

State law allows the State Water Board to collect two service charges on CWSRF financings. One charge provides a secondary source of revenue for CWSRF administration, and the other charge provides revenue for the CWSRF Small Community Grant (SCG) Fund. The SCG Fund can provide wastewater grants to small disadvantaged communities (DACs) and small severely disadvantaged communities (SDACs).

The total service charges collected for the CWSRF Administration Fund during SFY 2021-22 was approximately \$11.560 million while expenses incurred from the CWSRF Administration Fund were approximately \$12.319 million. The cumulative activity of the CWSRF Administration Fund since its inception is described in Table 5 below.

Table 5: Cumulative Activity of the CWSRF Administration Fund
as of June 30, 2022
(Dollars in Thousands)

Cumulative Administration Fund Revenue Collected	\$105,089
Cumulative Administration Fund Expenses	\$99,933
Administration Fund Balance	\$5,156

The total service charges collected for the CWSRF SCG Fund during SFY 2021-22 was \$8,870 million while grants disbursed from the CWSRF SCG Fund were approximately \$4,168 million. The cumulative activity of the CWSRF SCG Fund since its inception is described in Table 6.

¹ For federal purposes, the Administration Fund and SCG Fund service charges are fees “other than program income not included as principal in CWSRF financing.” The service charges are collected in lieu of an equal amount of interest that would otherwise be due on the outstanding balances of the financing agreements. The service charges are offset by reducing the interest rates so that financing recipients’ payments remain the same whether or not they pay the service charge(s).

Table 6: Cumulative Activity of the CWSRF SCG Fund
as of June 30, 2022
(Dollars in Thousands)

Cumulative Revenue Collected for SCG Fund	\$98,281
Cumulative Grants Disbursed from SCG Fund	\$61,065
SCG Fund Encumbered Balance (Committed Funds)	\$33,021
SCG Fund Balance (Uncommitted Funds)	\$4,195

Appendix I identifies the fee rates charged to recipients under the Administration Service Fee and/or SCG Fee funds during SFY 2021-22.

F. Credit Risk for the CWSRF

The State Water Board continued to mitigate credit risks to the CWSRF in SFY 2021-22. Each financing recipient was required to pledge one or more dedicated sources of revenue toward payment of its CWSRF obligation. Dedicated sources of revenue were generally sewer rate revenue pledges, but may also be other revenue sources, special tax pledges, or other acceptable income.

State Water Board staff also maintained efforts to ensure that existing CWSRF financing agreements, at minimum, met security requirements and that payments due were made in full. The State Water Board used a variety of analysis and monitoring measures to reduce the possibility of non-payment and continued to evaluate additional steps to ensure full and timely payment of all agreements.

During SFY 2021-22, the State Water Board staff continued to closely monitor and work collaboratively with recipients to identify potential financial impacts related to the COVID-19 pandemic and wildfires, affecting their ability to support operations and meet debt obligations. Analysis of CWSRF borrowers' financial health did not result in a recommendation to restructure any CWSRF agreements.

The allowance for bad debt remained unchanged during SFY 2021-22 at \$9.356 million. As further described in Appendix E, the allowance for bad debt represents the State Water Board's assessment of at-risk outstanding principal balance as a result of financial challenges with a funding recipient(s). As in prior years, there were no repayment defaults in the CWSRF program and State Water Board staff continued to work diligently to ensure funding agreements were secure, and all payments were made on time and in full. Staff efforts included using a variety of analysis and monitoring measures to reduce the possibility of non-payment and late payment and continually evaluating additional steps to ensure full and timely payments.

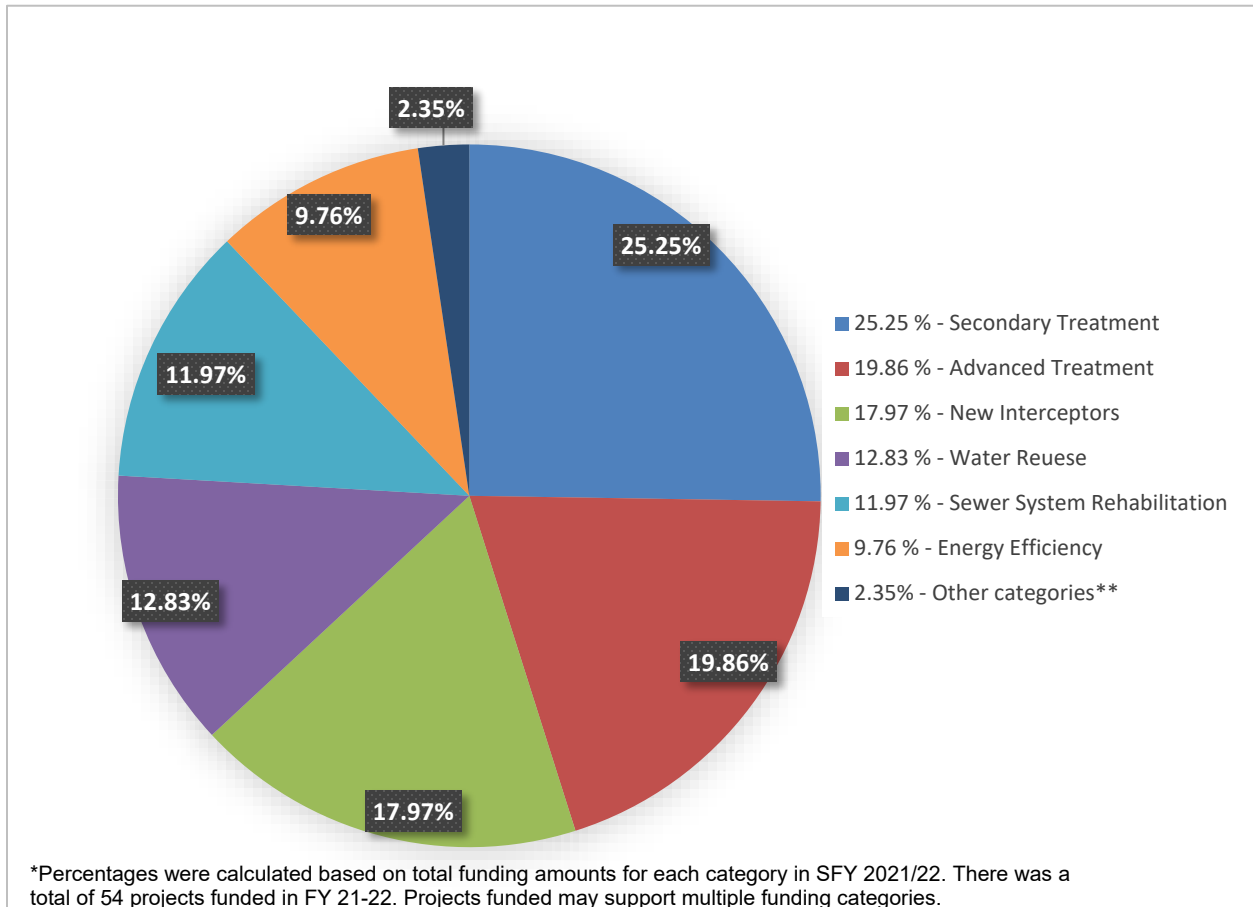
III. PROGRAMMATIC RESULTS

The contributions of the CWSRF to water quality are diverse and difficult to quantify. Rather than being a weakness of the program, this indicates the program's strength and versatility in addressing a wide range of water quality and related issues. The data and graphics summarize the environmental and other benefits derived from the CWSRF projects funded during SFY 2021-22. The data supporting this summary has been transmitted to the United States Environmental Protection Agency (USEPA) via the Clean Water Benefits Reporting System (CBR) database. The data indicate the CWSRF protected or restored a wide range of beneficial water uses and provided other related benefits.

A. Projects Help with a Variety of Infrastructure Needs

The State Water Board funds projects from the CWSRF to address a broad range of water quality objectives. Figure 1 below illustrates the categories of projects specifically funded in SFY 2021-22. The categories represent wastewater infrastructure, with wastewater treatment, energy efficient components, and water reuse categories representing the majority of the total funding in SFY 2021-22. This demonstrates the CWSRF's importance in maintaining and improving California's wastewater infrastructure.

Figure 1: CWSRF Funding by Needs Categories*



CWSRF projects often benefit water quality in more than one way. Figure 2a shows the number of projects supporting designated beneficial uses that were provided CWSRF funding by the State Water Board in SFY 2021-22. Similarly, Figure 2b illustrates the number projects supporting other water quality benefits designated by USEPA that were provided CWSRF funding by the State Water Board in SFY 2021-22. Combined the figures show the many beneficial uses identified in state water quality control plans or by USEPA that CWSRF funding will help address.

Figure 2a: Number of Projects Supporting Designated Water Uses*

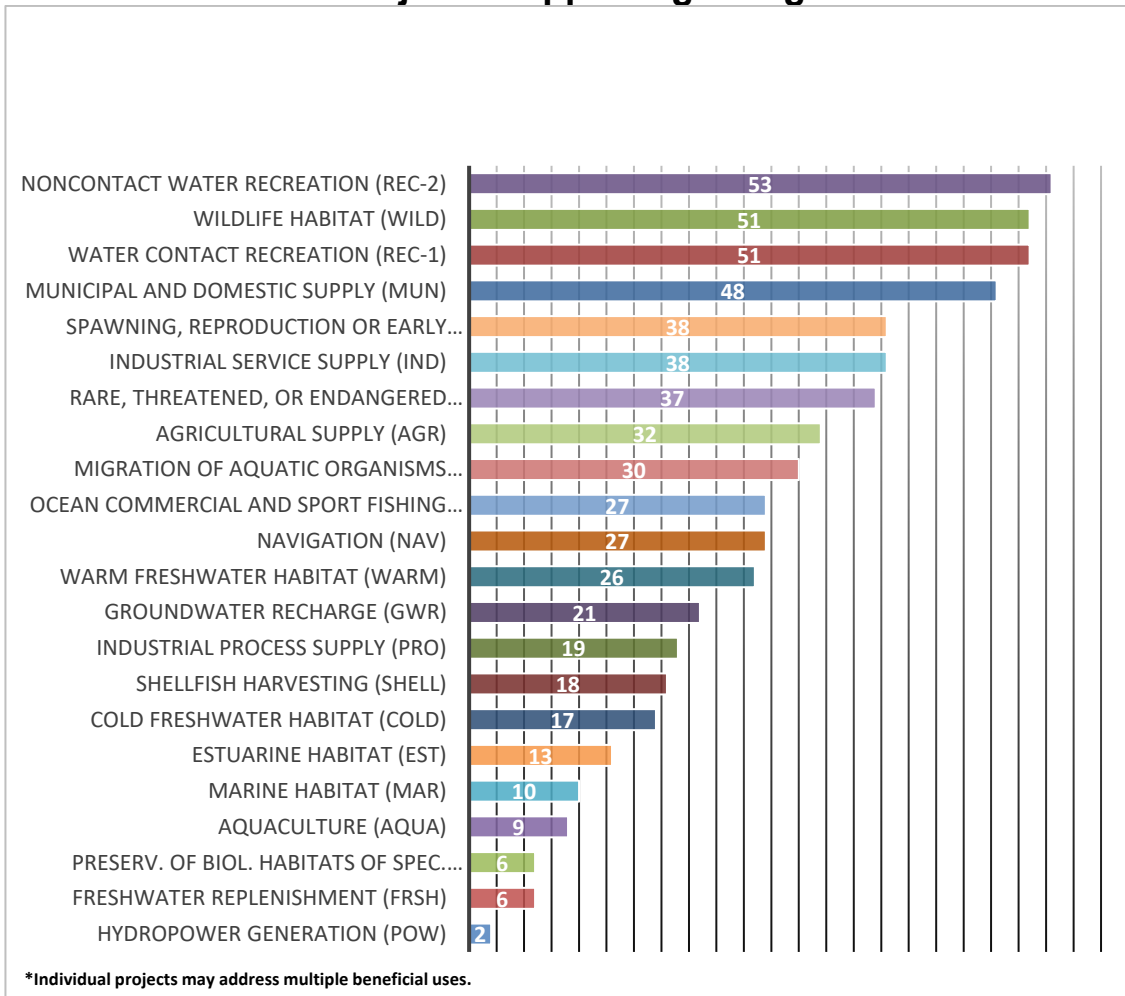
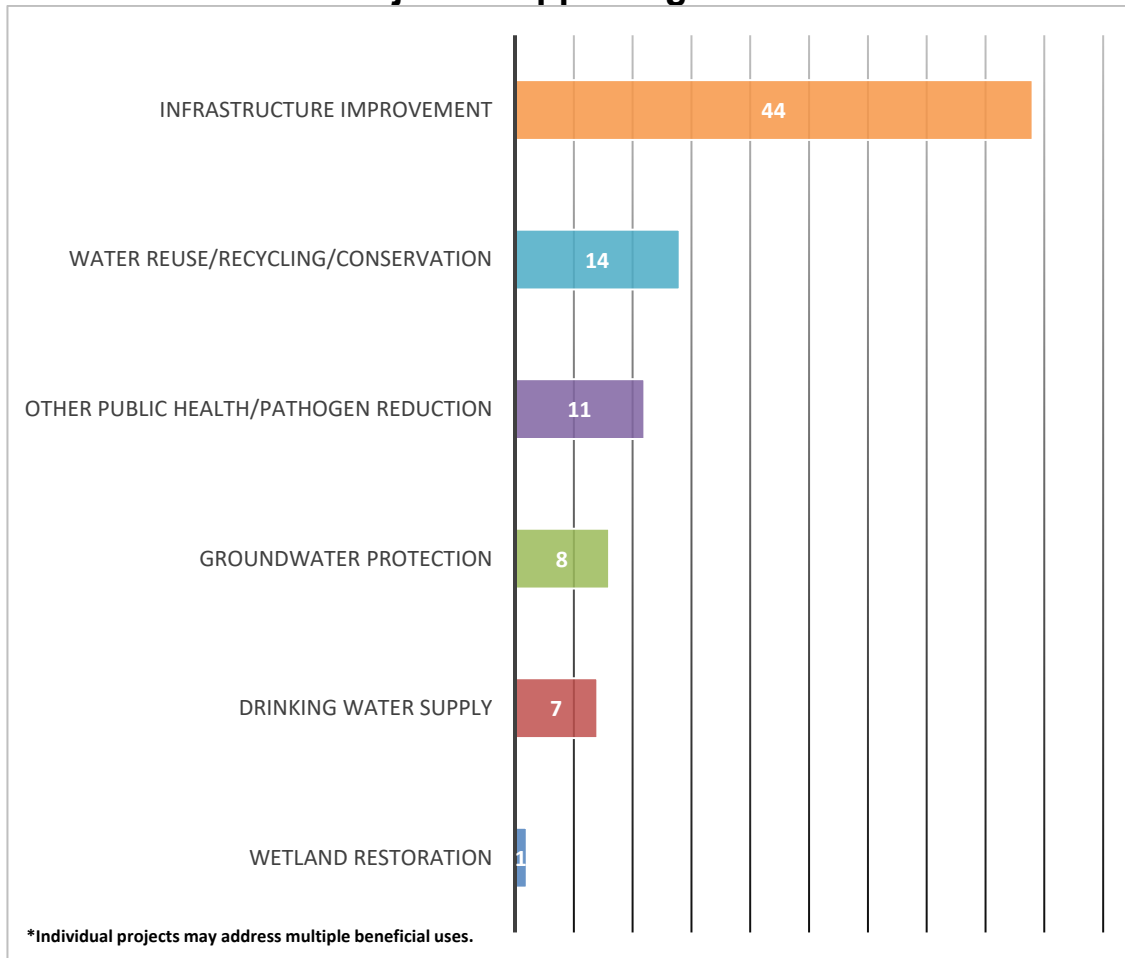


Figure 2b: Number of Projects Supporting Other Benefits*



B. Projects Achieve Multiple Benefits

Another way to display the large breadth of environmental benefits from CWSRF projects is shown in Figure 3a and 3b below. Figure 3a shows the large scope of environmental benefits from CWSRF projects through a breakdown of funding supporting different designated beneficial uses relative to the cumulative CWSRF funding provided by the State Water Board in SFY 2021-22. Additionally, Figure 3b

shows the percentage of funding affecting other water benefits designated by USEPA that the CWSRF projects will benefit through CWSRF funding.

Figure 3a: Percentage of Funding Supporting Designated Water Uses*

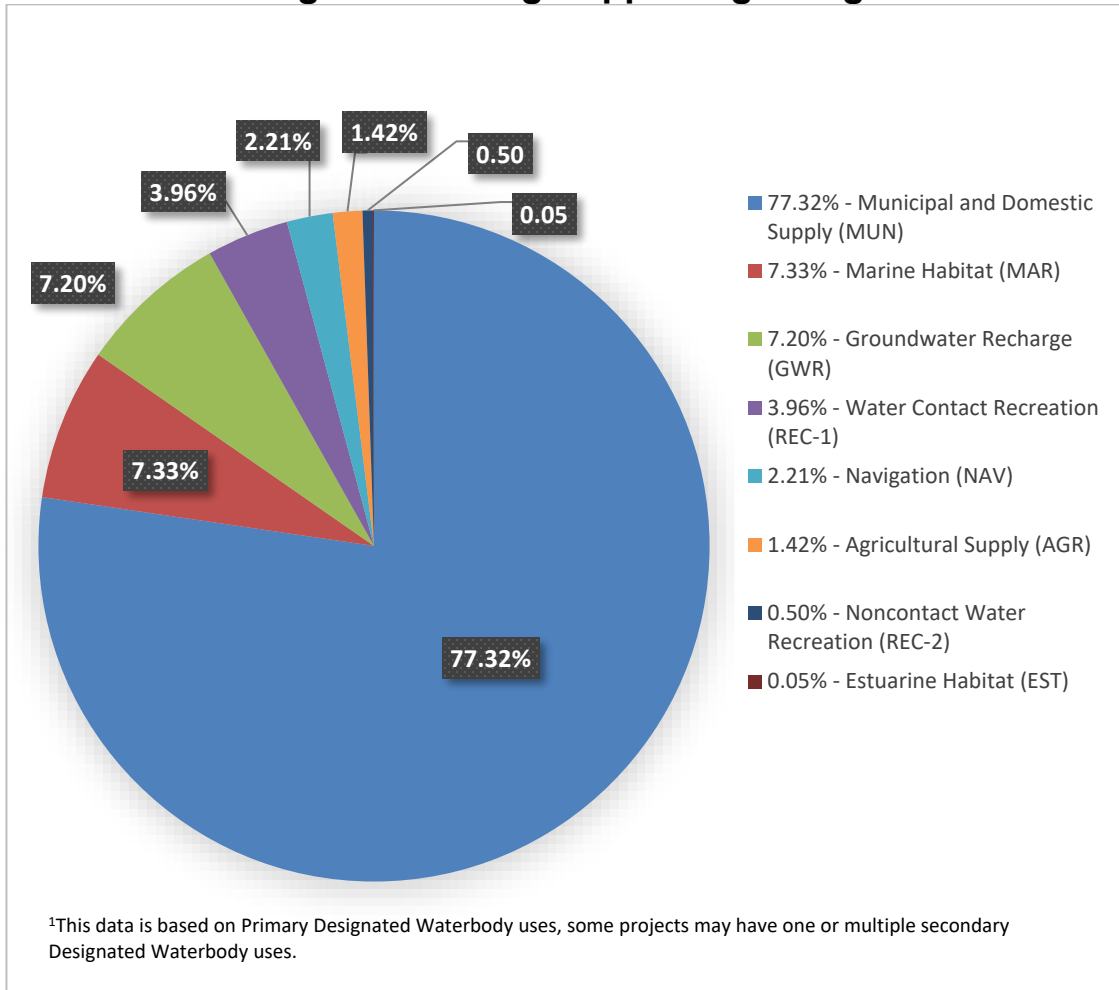
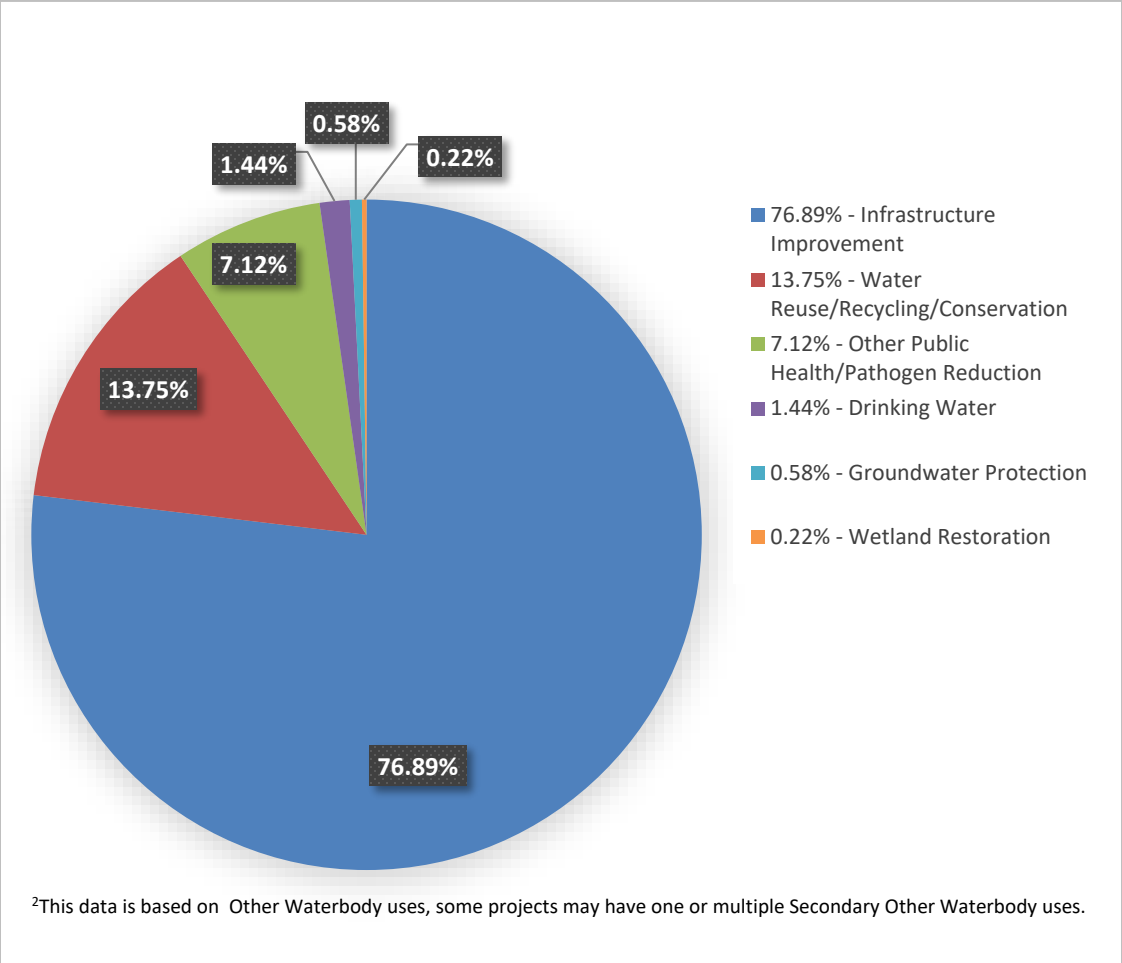
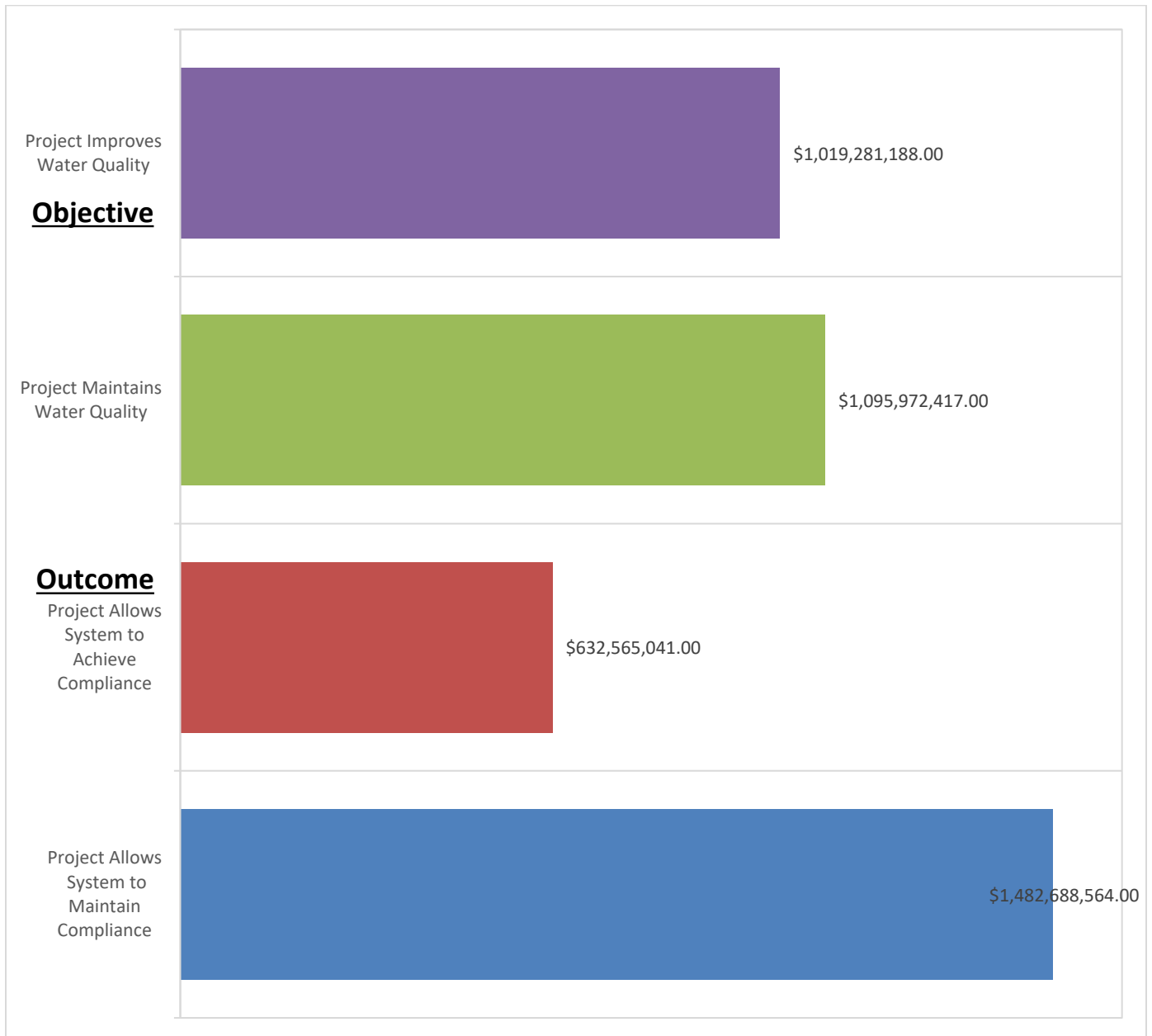


Figure 3b: Percentage of Funding Supporting Other Benefits*



Many of the water quality projects undertaken today are expensive and large. This reflects the level of assistance needed to continue to improve water quality. Figure 4 below shows the total project cost for different water quality objectives and outcomes. The State Water Board’s ability to fund such large projects through the CWSRF is one of its greatest strengths. Many agencies may not be able to secure such large funding amounts from one provider if the CWSRF were not available.

Figure 4: Total Funding Provided (in millions of dollars) by Water Quality Objective and Outcome



C. Highlights of Projects Funded by CWSRF in SFY 2021-22

Funding Recipient Name	CWSRF Project Number	Project Name	County	Funding	Reason for Funding	Environmental Impact
Housing Authority of the County of San Joaquin	8052-210	Thornton Wastewater Improvements	San Joaquin	\$6,219,566	Regionalization project to construction new pump station and force main to connect to Sacramento Area Sewer District.	Maintains Water Quality
Escondido, City of	8059-110	Membrane Filtration Reverse Osmosis Facility Project	San Diego	\$24,643,750	Construction of new Membrane Filtration Reverse Osmosis Facility to provide recycled water to agriculture users.	Improves Water Quality
West Basin Municipal Water District	8114-110	Recycled Water Supply for Palos Verdes Golf Course	Los Angeles	\$3,000,000	Construction to increase capacity to distribute recycled water.	Maintains Water Quality
Biola Community Services District	8155-210	Improvements Project at Wastewater Treatment Plant	Fresno	\$5,675,000	Construction for improvements to the solids treatment facilities and improve Wastewater Treatment Facility for groundwater recharge.	Improves Water Quality
Yucaipa Valley Water District	8162-110	Calimesa Recycled Water Conveyance Project	San Bernardino	\$2,892,500	Construction to build a recycled water distribution system.	Maintains Water Quality
Jurupa Community Services District	8167-120	Joint IEUA - JCSD Regional Water Recycling Program	San Bernardino	\$19,800,000	Construction to build a recycled water distribution system.	Maintains Water Quality
Inland Empire Utilities Agency	8173-210	RP-5 Expansion Construction Project	San Bernardino	\$101,530,000	Construction to increase the capacity of the Wastewater Treatment Plant.	Maintains Water Quality

Funding Recipient Name	CWSRF Project Number	Project Name	County	Funding	Reason for Funding	Environmental Impact
Morro Bay, City of	8185-210	Morro Bay Water Reclamation Facility	San Luis Obispo	\$45,490,486	Construction to meet directive from California Coastal Commission. Construction will replenish groundwater.	Improves Water Quality
Parlier, City of	8193-210	WWTP Improvements Project	Fresno	\$2,328,987	Construction for improvements to the solids treatment facilities and improve Wastewater Treatment Facility effluent water quality.	Improves Water Quality
Maricopa, City of	8206-210	Sewer Collection System Improvements Project	Kern	\$7,378,169	Construction to improve sanitary sewer system reliability and reduce sanitary sewer overflows. Construction will also include expanding the collection system to remove homes off septic and connect them to the sewer system.	Maintains Water Quality
Williams, City of	8225-210	City of Williams Wastewater Collection System Improvement Project	Colusa	\$5,458,000	Construction to improve sanitary sewer system reliability and reduce sanitary sewer overflows.	Maintains Water Quality
Inland Empire Utilities Agency	8260-110	Distribution System/Wineville/Jurupa/ RP-3 Recharge Improvements (PID 23a)	San Bernardino	\$11,772,550	Construction to expand the existing recycled water distribution system to increase recharge of stormwater flow in the region.	Maintains Water Quality
Silicon Valley Clean Water	8264-110	Gravity Pipeline Project	San Mateo	\$59,605,263	Construction to replace force mains that are in poor conditions.	Maintains Water Quality
Silicon Valley Clean Water	8264-210	Front of Plant - Receiving Lift Station, Headworks, Influent Connector Pipe, Civil Site Work	San Mateo	\$51,631,579	Construction to replace aging infrastructure with new facilities including lift station, headwork treatment facility, and odor control facilities.	Maintains Water Quality
Silicon Valley Clean Water	8264-710	Pump Stations Improvements Project	San Mateo	\$57,763,158	Construction to improve existing pump stations and decommissioning	Maintains Water Quality

Funding Recipient Name	CWSRF Project Number	Project Name	County	Funding	Reason for Funding	Environmental Impact
					a pump stations to connect to new gravity sewer.	
San Mateo-Foster City Public Financing Authority	8297-110	The San Mateo Clean Water Program - Wastewater Treatment Plant	San Mateo	\$137,456,000	Construction for improvements to the solids treatment facilities and improve Wastewater Treatment Facility effluent water quality.	Maintains Water Quality
Herlong Public Utility District	8313-110	West Patton Sewer Collection System	Lassen	\$2,624,583	Construction to improve sanitary sewer system reliability and reduce sanitary sewer overflows.	Maintains Water Quality
San Andreas Sanitary District	8375-210	Collection System Improvements Project	Calaveras	\$4,275,239	Construction to improve sanitary sewer system reliability and reduce sanitary sewer overflows.	Maintains Water Quality
Calaveras Unified School District	8378-210	Toyon Middle School Wastewater Treatment Plant Upgrade Project	Calaveras	\$5,352,770	Construction to replace existing treatment facilities and improve the effluent water quality.	Maintains Water Quality
Woodland, City of	8384-110	Spring Lake Recycled Water Project	Yolo	\$2,282,018	Construction of a distribution system for recycled water.	Maintains Water Quality
Earlimart Public Utility District	8391-110	Interceptor and Sewer Relief Pipelines Project	Fresno	\$470,600	Planning to identify and evaluate alternatives that address relief to the district's existing sewer interceptor and sewer collection system.	Maintains Water Quality
Forestville Water District	8405-110	2018 Sewer System Improvements	Sonoma	\$3,008,334	Construction to improve sanitary sewer system reliability and reduce sanitary sewer overflows.	Improves Water Quality
Buttonwillow County Water District	8409-110	Buttonwillow Wastewater Collection Lines Project	Kern	\$383,800	Planning to replace aging sanitary sewer system and reduce sanitary sewer inflow/infiltration issues.	Improves Water Quality

Funding Recipient Name	CWSRF Project Number	Project Name	County	Funding	Reason for Funding	Environmental Impact
Inland Empire Utilities Agency	8414-110	Lower Day Basin Improvement Project	San Bernardino	\$2,883,000	Construction of new outlet gates to provide additional stormwater for groundwater recharge and storage.	Maintains Water Quality
Inland Empire Utilities Agency	8415-110	Montclair Basin Improvement Project	San Bernardino	\$2,062,000	Construction to increase retention of stormwater for groundwater recharge.	Maintains Water Quality
San Diego, City of	8419-110	Pure Water North City Morena Blvd Pump Station Project	San Diego	\$155,106,453	Construction to increase capacity of wastewater to treatment plant by constructing a new pump station and force mains.	Maintains Water Quality
San Diego, City of	8419-120	Pure Water North City Conveyance System Project	San Diego	\$225,000,000	Construction to increase transfer capacity of wastewater to reclamation plant by constructing force mains.	Maintains Water Quality
San Diego, City of	8419-310	Pure Water North City Metropolitan BioSolids Center Improvements	San Diego	\$9,917,945	Construction for improvements to the solids treatment facilities to accommodate increase of capacity.	Improves Water Quality
County of Plumas, Beckwourth County Services Area	8425-110	CSA Sewer Lift Station Replacement, I/I Study, Associate Sewer Pond Valves	Plumas	\$397,425	Planning to identify issues with sanitary sewer collection system.	Maintains Water Quality
Trinity County Waterworks District #1	8428-110	Wastewater Treatment Plant Upgrade to Produce Reclaimed Water	Trinity	\$500,000	Planning to identify water recycling alternatives.	Improves Water Quality
Oxnard, City of	8433-110	City of Oxnard Treatment Plant Rehabilitation Projects	Ventura	\$66,700,000	Construction to replace the aging wastewater treatment facilities.	Maintains Water Quality

Funding Recipient Name	CWSRF Project Number	Project Name	County	Funding	Reason for Funding	Environmental Impact
Santa Cruz County Sanitation District	8436-110	Valencia Creek Sewer Relocation Project	Santa Cruz	\$1,393,000	Construction to relocate sewer line to reduce sanitary sewer overflows.	Improves Water Quality
Stockton, City of	8447-110	Regional Wastewater Control Facilities Modifications	San Joaquin	\$46,800,000	Construction to increase the capacity and upgrade facility of the existing Wastewater Treatment Plant.	Maintains Water Quality
Elsinore Valley Municipal Water District	8462-110	Regional Water Reclamation Facility Expansion	Riverside	\$129,860,229	Construction to increase the capacity of Wastewater Treatment Plant.	Improves Water Quality
Coachella Valley Water District	8470-110	CVWD 2017/18 Non-Potable Water Connections Project	Riverside	\$16,500,000	Construction of a distribution system for recycled water.	Maintains Water Quality
Central Contra Costa Sanitary District	8489-110	Solids Handling Facilities Improvements, DP 7348	Contra Costa	\$173,105,000	Construction to replace the aging wastewater treatment facilities.	Improves Water Quality
Palo Alto, City of	8490-110	Primary Sedimentation Tanks Rehabilitation & Equipment Room Electrical Upgrade Project	Santa Clara	\$17,484,044	Construction to replace the aging wastewater treatment facilities.	Maintains Water Quality
Union Sanitary District	8498-110	Standby Power Generation System Upgrade Project	Alameda	\$33,435,000	Construction to replace aging standby generators to ensure district maintains compliance in an event of emergency.	Maintains Water Quality
Crestline Sanitation District	8516-110	Huston Creek WWTP Dewatering Building and Primary Clarifier	San Bernardino	\$9,000,000	Construction to replace the aging wastewater treatment facilities.	Maintains Water Quality
Ross Valley Sanitary District	8517-110	FY 2019/20 Gravity Sewer Improvements, Butterfield/Arroyo-Kerrick	Marin	\$4,562,500	Construction to improve sanitary sewer system reliability and reduce sanitary sewer overflows.	Maintains Water Quality

Funding Recipient Name	CWSRF Project Number	Project Name	County	Funding	Reason for Funding	Environmental Impact
Oro Loma Sanitary District	8524-110	Sewer Collection System Pipeline Rehabilitation and Replacement Project	Alameda	\$25,000,000	Construction to improve sanitary sewer system reliability and reduce sanitary sewer overflows.	Maintains Water Quality
Lassen County Waterworks District No. 1	8525-110	2019 Planning Activities for Wastewater System Improvements	Lassen	\$500,000	Planning to identify issues with sanitary sewer collection system.	Maintains Water Quality
South Tahoe Public Utility District	8544-110	Tahoe Keys Wastewater Pump Station Rehabilitation Project	El Dorado	\$6,189,331	Construction to improve sanitary sewer system reliability and reduce sanitary sewer overflows.	Improves Water Quality
Oceanside, City of	8546-110	Upper Recycled Water Conveyance System and Fire Mountain Reservoir and Pump Station	San Diego	\$17,523,327	Construction to increase capacity of recycled water distribution system.	Improves Water Quality
East County Advanced Water Purification JPA	8548-110	East County Advanced Water Purification Project	San Diego	\$378,150,850	Construction for improvements to the solids treatment facilities to provide recycled water as an alternative source.	Improves Water Quality
Marysville, City of	8557-110	Marysville WWTP Ponds Closure Project	Yuba	\$1,423,529	Construction to address Cease and Desist Order by decommissioning two sets of treatment ponds.	Improves Water Quality
Coalinga, City of	8572-110	Sewer Collection System and Wastewater Treatment Plant Improvements	Fresno	\$500,000	Planning to identify issues with aging infrastructure at wastewater treatment plant and sanitary sewer collection system.	Maintains Water Quality
Vallejo Flood and Wastewater District	8573-110	Vallejo Mare Island Pump Station 3W Effluent Bypass	Solano	\$40,000,000	Construction to replace aging infrastructure by replacing and rehabilitating existing pump stations.	Improves Water Quality
Coachella Valley Water District	8580-110	Fiscal Year 2020-2021 Nonpotable Water (NPW) Connections Project	Riverside	\$10,530,000	Construction of a distribution system for recycled water.	Maintains Water Quality

Funding Recipient Name	CWSRF Project Number	Project Name	County	Funding	Reason for Funding	Environmental Impact
South Tahoe Public Utility District	8581-110	WWTP Secondary Clarifiers Upgrade	El Dorado	\$5,281,344	Construction to rehabilitate aging infrastructure at wastewater treatment plant.	Improves Water Quality
Kings, County of	8586-110	Lemoore Mobile Home Park Wastewater Project	Kings	\$467,000	Planning to identify cost and impacts of removing mobile home park from septic system.	Improves Water Quality
South Tahoe Public Utility District	8599-110	Upper Truckee Wastewater Pump Stations Rehabilitation Project	El Dorado	\$4,280,375	Construction to replace aging infrastructure by replacing and rehabilitating existing pump stations.	Improves Water Quality
Association of Bay Area Governments	8600-110	Oro Loma Horizontal Levee - Advancing New Designs for Resilience and Water Quality Improvement	San Francisco	\$1,000,000	Construction to modify existing levee with a simpler design, that would be capable of treating more water.	Improves Water Quality
Palo Alto, City of	8609-110	Secondary Treatment Upgrades	Santa Clara	\$168,658,901	Construction for improvements to the solids treatment facilities and improve Wastewater Treatment Facility effluent water quality. Construction also includes rehabilitating aging infrastructure.	Improves Water Quality
Total Funding Amount:				\$2,115,253,605		

IV. PROGRAM HIGHLIGHTS AND UPDATES

In SFY 2021-22, the State Water Board strived to resume financing CWSRF projects quickly and efficiently to reach the program's full potential as a water quality tool and continued to pair CWSRF financing with other appropriated financing sources to achieve the overall objectives of the State Water Board. This section highlights significant achievements of the program and noteworthy factors that affected the CWSRF program in SFY 2021-22.

A. Projects Produce Widespread Cost Reductions

- Recipients received approximately \$359.65 million in CWSRF subsidy. The subsidy is the amount of funds saved by recipients due to the reduced interest rate and/or principal forgiveness on CWSRF financing.
- Funded projects directly served 13,918,090 people and will indirectly serve 14,070,411 people statewide.

B. Updated Sustainable Lending Capacity

The CWSRF's Municipal Advisor, in cooperation with DFA staff, updated the CWSRF's estimated lending capacity calculations for the SFY 2021-22 IUP. The Municipal Advisor's calculations showed that the CWSRF can operate at an estimated sustainable loan level of approximately \$600 million per year for the next 20 years. The new capacity analysis is slightly greater than the \$586 million sustainable financing level included in the SFY 2019-2020 IUP primarily because of the amount of pre-payments that occurred in SFY 2019-2020. However, the change is considered marginal when evaluated over a multi-year period. DFA staff will continue to utilize the developed capacity model in order to sustainably commit CWSRF loan funds. Additional changes in policy or practice may be needed in the future to manage the program effectively and provide stakeholders and the State Water Board with the best possible results.

C. Small Community Funding Program Update

The State Water Board continued to implement and award funding in SFY 2021-22 to small disadvantaged community projects using Proposition 1 (Prop 1) SCG-Wastewater (WW) funds, SCG Fee funds, 2021 Budget Act Infrastructure Appropriation funds, and CWSRF Principal Forgiveness. As of June 30, 2022, approximately \$237.1 million of the \$241.8 million in available Prop 1 SCG funds have been committed (executed agreements) to eligible projects. Approximately \$6 million in Prop 1 SCG, \$7.7 in SCG Fee funding, \$16.6 million in 2021 Budget Act Infrastructure Appropriation, and \$43.2 million in Principal Forgiveness was awarded to small DACs in SFY 2021-2022. The list of small DAC funded projects is included as Exhibit C.

The State Water Board continued to commit SCG-WW funds at a fast pace and will continue to commit available SCG funds in SFY 2022-2023. The SCG-WW funding approach was fully integrated into the SFY 2020-21 IUP. However, SCG Fee funds are

now declining at a rate that requires the State Water Board to assess additional SCG Fees on CWSRF loans to meet SCG funding demands. This decline has been occurring because the SCG Fee is derived from interest payments on CWSRF loans that inherently decline over time as interest owed on outstanding loans declines. This decline in SCG Fee revenue has been further compounded by pre-payments on CWSRF loans in SFY 2020-21 and the resulting loss in future SCG Fee revenue. The Budget Act of 2021 included \$650 million for wastewater infrastructure. These funds will go towards projects that have been under development and seeking funding from the State Water Board and that can meet applicable construction timelines. Funds will be prioritized for septic-to-sewer projects with local investment and other projects that serve small DACs.

D. Technical Assistance

DFA continued to provide a suite of technical assistance to small DACs funded under Prop 1 in SFY 2021-22. In general, this technical assistance helped those communities address infrastructure improvements to correct system deficiencies and prevent pollution. It also helped them ensure compliance with water quality objectives; create more stable and sustainable community governance with enhanced public awareness of wastewater issues; improve asset management, fiscal planning, and accountability so that they can be financially sound and creditworthy financial assistance applicants; and assist small DACs in completing their applications for CWSRF-SCG financing.

Under the CWSRF four percent (4%) administration allowance, a third-party contract with California Rural Water Association (CRWA) also provided technical assistance to small DACs. CRWA provided hands-on technical and financial expertise to help small DACs address their individual needs in the following areas that are commonly difficult for small DACs: preparation of financial assistance applications; design and operational solutions, including compliance assistance; community outreach, awareness, and education; fiscal management and accountability; capital improvement planning and asset management; rate setting; the Proposition 218 process; and income surveys.

E. Water Recycling Funding Program Update

The State Water Board continued to implement and award funding in SFY 2021-22 to projects using Prop 1 and Prop 68 water recycling funds. As of June 30, 2022, the State Water Board had been appropriated \$581.25 million of Prop 1 and \$74.0 million of Prop 68 water recycling local assistance funding. Approximately \$543.8 million of Prop 1 water recycling funds (\$309.3 million for grants and \$234.5 million for loans) had been committed (executed agreement) as of June 30, 2022, to 60 projects. Approximately \$50.62 million of Prop 68 water recycling funds (\$21 million for grants and \$29.6 million for loans) have been committed as of June 30, 2022, to eight projects. As of June 30, 2022, approximately \$24.9 million in Prop 1 and \$2.98 million in Prop 68 local assistance funds remained for projects. DFA expects that all the remaining Prop 1 and

Prop 68 local assistance water recycling funds will be committed to projects during SFY 2022-23.

The Water Recycling Funding Program (WRFP) is part of the State Water Board's long-standing commitment to recycling wastewater. The Prop 1 water recycling financing represents a significant investment by the State Water Board and the California voters to offset or augment fresh water supplies and make California's water supply more sustainable and resilient. Together, the 68 projects receiving Prop 1 and Prop 68 water recycling financing are expected to deliver 268,311 acre-feet per year (AFY) in recycled water once they are fully operational. Roughly 59,772 AFY are planned for agricultural irrigation, 49,933 AFY for urban irrigation, 5,516 AFY for commercial and industrial users, and 153,090 AFY will be used to recharge groundwater basins.

The Budget Acts of 2021 and 2022 included approximately \$175 million in General Fund grants for water recycling projects. These State funds will also be administered through the WRFP and intend to begin committing these funds during SFY 2022-23.

F. CWSRF Results and Leveraging Activity

One measure of SRF success is the ratio of cumulative executed agreements to cumulative federal capitalization. As of June 30, 2022, California's CWSRF has executed \$4.01 worth of agreements for every \$1.00 of federal capitalization, which is an increase from prior year of approximately \$0.25 of agreements for every \$1.00 of federal capitalization. This increase is largely attributable to a record of \$2.1 billion in new CWSRF agreements in SFY 21-22.

The CWSRF's outstanding commitments as of June 30, 2022, totaled approximately \$4 billion, which is approximately \$1.3 billion greater than the average year-end commitment balances for the last five years. DFA determined that additional CWSRF bonds were not needed in SFY 2021-22. However, the CWSRF program did sell bonds in January 2023. Due to the large outstanding commitments, DFA estimates that additional funding in the form of municipal bonds may be needed in SFY 2023-24 to pay claims for these commitments.

The State Water Board has authorized the issuance of up to \$2.2 billion in CWSRF revenue bonds. The CWSRF program sold bonds in 2016, 2017, and 2018, and all the proceeds of these sales have been disbursed to eligible recipients. Exhibit E provides a detailed listing of the use of Series 2016, 2017 and 2018 CWSRF Revenue Bond proceeds.

As of June 30, 2022, the CWSRF has approximately \$993.6 million par in bonds outstanding, so additional debt can be issued utilizing the CWSRF's existing authority. DFA will continue to evaluate its cash flows and future capitalization levels to determine if it should request that the State Water Board increase the leveraging limit for the CWSRF consistent with the SRF Debt Management Policy.

G. Reducing Rollovers

There were a significant amount of rollover projects (52) from the SFY 2020-21 Fundable List. An additional 22 new projects were added to the Fundable List for a total of 74 scored projects. For SFY 2021-22, DFA executed 54 CWSRF agreements for approximately \$2.1 billion in financing. Of the 74 scored projects on the Fundable List, 45 applications received an executed agreement and 9 projects were withdrawn or removed. This represented a significant reduction of rollover projects. One factor contributing to the successful execution of new agreements in SFY2021-22 was the passing of the Bipartisan Infrastructure Law (BIL) and new SRF requirements included in the Build America, Buy America Act (BABA) which requires domestic preference for most construction. DFA staff believe the upcoming implementation dates for BABA helped applicants move more urgently towards a funding agreement

H. COVID-19 Impacts

The actions taken to address the COVID-19 pandemic have also affected SRF operations during SFY 2021-22 and may have additional consequences for the program in the future. No loans have requested forbearance or modification of their terms or payment schedules. The State Water Board's staff continues to monitor the impacts of COVID-19 on the revenues and expenses of agencies with outstanding SRF debt. Recipients have cited COVID-19 as the cause of construction and reimbursement request delays and DFA has seen an increase in agreement extension requests. Many projects constructing during SFY 2021-22 experienced delays and cost increases due to supply chain disruptions and general inflation. State Water Board staff continue to evaluate the CWSRF Program ability to accommodate cost increases among high demand for annual loan capacity from new project applications.

New state and federal stimulus funding has been announced as part of the effort to recover from COVID-19. The California Budget Act of 2021 appropriated \$1.55 billion to the State Water Board including \$650 million for wastewater projects. The State Water Board amended the SFY 2021-22 IUP to implement these State funds. The Infrastructure Investment and Jobs Act was signed by President Biden on November 15, 2021, which includes \$11.7 billion in funding for the CWSRF programs nationally. The plan for the increased federal funds is described in the SFY 2022-23 IUP. Both the additional state and federal funding will be committed consistent with any guidelines or requirements associated with their authorization.

I. Marketing Updates

State Water Board staff continued to participate in the California Financing Coordinating Committee (CFCC) funding fairs during SFY 2021-22. The funding fairs provide members of the public and infrastructure development professionals current information on funding options available for different project types.

State Water Board staff also presented and exhibited at the Floodplain Management Association (FMA). FMA is the premier organization for floodplain management

professionals interested in reducing flood risk and creating sustainable floodplains. The association serves as an unbiased forum for legislature, government, industry, and science to advance best practices, technologies, policies, regulations, and legal strategies, with a focus on California, Nevada, and Hawaii. FMA's mission is to improve flood safety and maximize floodplain resources through effective dialogue, collaboration, education, legislation, and policy.

V. ACRONYMS

AIS	American Iron and Steel
AFY	Acre-feet Per Year
ARRA	American Recovery and Reinvestment Act of 2009
ASAP	Automated Standard Application of Payments
CWSRF	Clean Water State Revolving Fund
DAC	Disadvantaged Community
DAS	Division of Administrative Services
DBE	Disadvantaged Business Enterprise
DFA	Division of Financial Assistance
DWSRF	Drinking Water State Revolving Fund
FFATA	Federal Funding Accountability and Transparency Act
FFY	Federal Fiscal Year
FI\$Cal	Financial Information System of California
FSP	Fiscal Sustainability Plan
FSRS	FFATA Subaward Reporting System
IUP	Intended Use Plan
LGTS	Loans and Grants Tracking System
MBE	Minority Owned Business Enterprise
NPS	Nonpoint Source
NIMS	National Information Management System
OMB	Office of Management and Budget
OSWS	Office of Sustainable Water Solutions
SCG	Small Community Grant
SCO	State Controller's Office
SDAC	Severely Disadvantaged Community
SERP	State Environmental Review Process
SFY	State Fiscal Year
USEPA	United States Environmental Protection Agency
WBE	Women Owned Business Enterprise
WRFP	Water Recycling Funding Program

VI. EXHIBITS

Exhibit A	SFY 2021-22 CWSRF Projects Funded by Needs Category
Exhibit B	SFY 2021-22 CWSRF FFATA Projects
Exhibit C	SFY 2021-22 CWSRF/Prop 1-SCG Projects
Exhibit D	SFY 2021-22 IUP Non-Funded Projects
Exhibit E	SFY 2021-22 DBE Reporting Results
Exhibit F	SFY 2021-22 CWSRF Green Project Reserve Projects
Exhibit G	SFY 2021-22 CWSRF Additional Subsidy Projects (Principal Forgiveness)
Exhibit H	CWSRF Projects With Financing Servicing Fees

Exhibit A: SFY 2021-22 Projects Funded by Needs Category

Funding Recipient	Project Number	Loan Date	Hardship/DAC	Energy Efficiency	Renewable Energy	Water Reuse	Water Efficiency	Secondary Treatment	Advanced Treatment	Infiltration/Inf low Correction	New collector sewers	Stormwater - Grey Infrastructure	New Interceptors	Sewer System Rehabilitation	CSO Correction	Other - Estuary Assistance	Planning and Assessments	Total Financed Amount
Housing Authority of the County of San Joaquin	8052-210	7/12/2021	Y											\$6,219,566				\$6,219,566
Escondido, City of	8059-110	8/20/2021	N			\$24,643,750												\$24,643,750
West Basin Municipal Water District	8114-110	4/18/2022	N			\$1,500,000	\$1,500,000											\$3,000,000
Biola Community Services District	8155-210	2/9/2022	Y		\$2,837,500			\$2,837,500										\$5,675,000
Yucaipa Valley Water District	8162-110	7/12/2021	N			\$2,892,500												\$2,892,500
Jurupa Community Services District	8167-120	5/2/2022	N			\$19,800,000												\$19,800,000
Inland Empire Utilities Agency	8173-210	4/27/2022	N					\$101,530,000										\$101,530,000
Morro Bay, City of	8185-210	7/1/2021	N			\$3,184,334		\$33,208,055	\$9,098,097									\$45,490,486
Parlier, City of	8193-210	8/23/2021	Y					\$2,328,987										\$2,328,987
Maricopa, City of	8206-210	9/1/2021	Y											\$7,378,169				\$7,378,169
Williams, City of	8225-210	8/16/2021	Y											\$5,458,000				\$5,458,000
Inland Empire Utilities Agency	8260-110	4/18/2022	N									\$11,772,550						\$11,772,550

Silicon Valley Clean Water	8264-110	7/22/2021	N															\$59,605,263	\$59,605,263
Silicon Valley Clean Water	8264-210	9/28/2021	N					\$51,631,579											\$51,631,579
Silicon Valley Clean Water	8264-710	7/22/2021	N															\$57,763,158	\$57,763,158
San Mateo-Foster City Public Financing Authority	8297-110	5/11/2022	N					\$68,728,000	\$68,728,000										\$137,456,000
Herlong Public Utility District	8313-110	8/27/2021	Y								\$262,458.30							\$2,362,124.70	\$2,624,583
San Andreas Sanitary District	8375-210	4/13/2022	Y															\$4,275,239	\$4,275,239
Calaveras Unified School District	8378-210	7/19/2021	Y					\$5,352,770											\$5,352,770
Woodland, City of	8384-110	4/13/2022	N			\$2,282,018													\$2,282,018
Earlimart Public Utility District	8391-110	12/7/2021	Y															\$470,600	\$470,600
Forestville Water District	8405-110	8/23/2021	Y							\$3,008,334									\$3,008,334
Buttontwillow County Water District	8409-110	12/7/2021	Y															\$383,800	\$383,800
Inland Empire Utilities Agency	8414-110	4/18/2022	N									\$2,883,000							\$2,883,000
Inland Empire Utilities Agency	8415-110	5/2/2022	N									\$2,062,000							\$2,062,000
San Diego, City of	8419-110	4/18/2022	N											\$155,106,453					\$155,106,453
San Diego, City of	8419-120	4/15/2022	N											\$225,000,000					\$225,000,000
San Diego, City of	8419-310	4/27/2022	N					\$9,917,945											\$9,917,945
County of Plumas, Beckwourth County	8425-110	4/27/2022	Y															\$397,425	\$397,425

Services Area																		
Trinity County Waterworks District #1	8428-110	8/11/2021	Y														\$500,000	\$500,000
Oxnard, City of	8433-110	11/17/2021	N				\$33,350,000							\$33,350,000				\$66,700,000
Santa Cruz County Sanitation District	8436-110	9/15/2021	N											\$1,393,000				\$1,393,000
Stockton, City of	8447-110	2/14/2022	N				\$23,400,000	\$23,400,000										\$46,800,000
Elsinore Valley Municipal Water District	8462-110	11/10/2021	N					\$129,860,229										\$129,860,229
Coachella Valley Water District	8470-110	10/6/2021	N			\$16,500,000												\$16,500,000
Central Contra Costa Sanitary District	8489-110	12/7/2021	N	\$173,105,000														\$173,105,000
Palo Alto, City of	8490-110	7/12/2021	N				\$17,484,044											\$17,484,044
Union Sanitary District	8498-110	4/29/2022	N	\$33,435,000														\$33,435,000
Crestline Sanitation District	8516-110	8/4/2021	N				\$9,000,000											\$9,000,000
Ross Valley Sanitary District	8517-110	2/16/2022	N											\$4,562,500				\$4,562,500
Oro Loma Sanitary District	8524-110	8/4/2021	N											\$25,000,000				\$25,000,000
Lassen County Waterworks District No. 1	8525-110	4/13/2022	Y														\$500,000	\$500,000
South Tahoe Public Utility District	8544-110	2/14/2022	N											\$6,189,331				\$6,189,331
Oceanside, City of	8546-110	5/3/2022	N		\$17,523,327													\$17,523,327
East County Advanced Water	8548-110	4/27/2022	N			\$189,075,425		\$189,075,425										\$378,150,850

Purification JPA																		
Marysville, City of	8557-110	5/9/2022	Y					\$1,423,529										\$1,423,529
Coalinga, City of	8572-110	4/14/2022	Y														\$500,000	\$500,000
Vallejo Flood and Wastewater District	8573-110	5/9/2022	N										\$40,000,000					\$40,000,000
Coachella Valley Water District	8580-110	4/27/2022	N			\$10,530,000												\$10,530,000
South Tahoe Public Utility District	8581-110	5/4/2022	N					\$5,281,344										\$5,281,344
Kings, County of	8586-110	11/10/2021	Y														\$467,000	\$467,000
South Tahoe Public Utility District	8599-110	4/27/2022	N										\$4,280,375					\$4,280,375
Association of Bay Area Governments	8600-110	5/2/2022	N													\$1,000,000		\$1,000,000
Palo Alto, City of	8609-110	5/9/2022	N					\$168,658,901										\$168,658,901
Total:	54		17	\$206,540,000	\$2,837,500	\$271,431,354	\$18,000,000	\$534,132,654	\$420,161,751	\$3,008,334	\$262,458	\$16,717,550	\$380,106,453	\$253,274,226	\$4,562,500	\$1,000,000	\$3,218,825	\$2,115,253,605

*Note: There was a total of **54 projects** funded in FY 21-22. Projects funded may support multiple funding categories.

Exhibit B: SFY 2021-22 CWSRF FFATA Projects

Funding Recipient	Project Number	Funding Agreement Number	Agreement Date	FFATA Reporting Due	Actual Date Reported	FFATA* Reporting Amount	Total Agreement Amount
Elsinore Valley Municipal Water District	8462-110	D20-01048	11/10/2021	12/31/2021	12/23/2021	\$113,637,000	\$129,860,229
Total:						\$113,637,000	\$129,860,229

*Based on Federal Fiscal Year (FFY) 2021 Capitalization Grant of \$113,637,000.

Exhibit C: SFY 2021-22 CWSRF/Prop 1-SCG Projects

Execution Date	Project Number	Funding Recipient	Project Name	Type of Project	Region	County	Prop 1 Grant	SCG Grant	CWSRF Loan	CWSRF PF	Other
5/2/2022	8600-110	Association of Bay Area Governments	Oro Loma Horizontal Levee - Advancing New Designs for Resilience and Water Quality Improvement	Construction	2	San Francisco	\$0	\$0	\$0	\$1,000,000	\$0
2/9/2022	8155-210	Biola Community Services District	Improvements Project at Wastewater Treatment Plant	Construction	5	Fresno	\$0	\$0	\$0	\$5,675,000	\$2,837,500
12/7/2021	8409-110	Buttonwillow County Water District	Buttonwillow Wastewater Collection Lines Project	Construction	5	Kern	\$0	\$0	\$0	\$383,800	\$0
8/17/2021	8378-310	Calaveras Unified School District	Jenny Lind Elementary School Wastewater Regionalization Project	Construction	5	Calaveras	\$0	\$0	\$0	\$7,749,331	\$0
7/19/2021	8378-210	Calaveras Unified School District	Toyon Middle School Wastewater Treatment Plant Upgrade Project	Construction	5	Calaveras	\$0	\$0	\$0	\$5,352,770	\$0

Execution Date	Project Number	Funding Recipient	Project Name	Type of Project	Region	County	Prop 1 Grant	SCG Grant	CWSRF Loan	CWSRF PF	Other
4/14/2022	8572-110	Coalinga, City of	Sewer Collection System and Wastewater Treatment Plant Improvements	Construction	5	Fresno	\$0	\$0	\$0	\$500,000	\$0
1/6/2022	8479-210	Colfax, City of	Sewer Collection System and Wastewater Treatment Plant Improvements	Construction	5	Placer	\$5,247	\$0	\$0	\$0	\$5,590,944
4/27/2022	8425-110	County of Plumas, Beckwourth County Services Area	CSA Sewer Lift Station Replacement, I/I Study, Associate Sewer Pond Valves	Construction	5	Plumas	\$0	\$0	\$0	\$397,425	\$0
12/7/2021	8391-110	Earlimart Public Utility District	Interceptor and Sewer Relief Pipelines Project	Construction	5	Fresno	\$0	\$0	\$0	\$470,600	\$0
8/23/2021	8405-110	Forestville Water District	2018 Sewer System Improvements	Construction	1	Sonoma	\$0	\$0	\$752,083	\$2,256,251	\$0
8/27/2021	8313-110	Herlong Public Utility District	West Patton Sewer Collection System	Construction	6	Lassen	\$0	\$0	\$656,146	\$1,968,437	\$0

Execution Date	Project Number	Funding Recipient	Project Name	Type of Project	Region	County	Prop 1 Grant	SCG Grant	CWSRF Loan	CWSRF PF	Other
7/12/2021	8052-210	Housing Authority of the County of San Joaquin	Thornton Wastewater Improvements	Construction	5	San Joaquin	\$0	\$0	\$0	\$6,219,566	\$0
11/10/2021	8586-110	Kings, County of	Lemoore Mobile Home Park Wastewater Project	Construction	5	Kings	\$0	\$0	\$0	\$467,000	\$0
4/13/2022	8525-110	Lassen County Waterworks District No. 1	2019 Planning Activities for Wastewater System Improvements	Construction	5	Lassen	\$0	\$0	\$0	\$500,000	\$0
9/1/2021	8206-210	Maricopa, City of	Sewer Collection System Improvements Project	Construction	5	Kern	\$0	\$0	\$0	\$7,378,169	\$0
5/9/2022	8557-110	Marysville, City of	Marysville WWTP Ponds Closure Project	Construction	5	Yuba	\$0	\$0	\$0	\$1,423,529	\$5,929,770
5/11/2022	8229-210	Mt. Shasta, City of	Sewer Interceptor Improvements	Construction	5	Fresno	\$247,250	\$0	\$0	\$0	\$5,128,190
8/23/2021	8193-210	Parlier, City of	WWTP Improvements Project	Construction	5	Siskiyou	\$5,704,013	\$0	\$2,328,987	\$0	\$0

Execution Date	Project Number	Funding Recipient	Project Name	Type of Project	Region	County	Prop 1 Grant	SCG Grant	CWSRF Loan	CWSRF PF	Other
5/19/2022	8611-110	Porterville, City of	City of Porterville Tertiary Treatment Project	Construction	III	Fresno	\$5,756,896	\$0	\$0	\$2,375,000	\$0
4/13/2022	8375-210	San Andreas Sanitary District	Collection System Improvements Project	Construction	5	Calaveras	\$0	\$0	\$0	\$4,275,239	\$0
8/11/2021	8428-110	Trinity County Waterworks District #1	Wastewater Treatment Plant Upgrade to Produce Reclaimed Water	Construction	1	Trinity	\$0	\$0	\$0	\$500,000	\$0
8/16/2021	8225-210	Williams, City of	City of Williams Wastewater Collection System Improvement Project	Construction	5	Colusa	\$0	\$0	\$0	\$5,458,000	\$0
							\$11,713,406	\$0	\$3,737,216	\$54,350,117	\$19,486,404

Exhibit D: SFY 2021-22 IUP Non-Funded Projects²

Project Number	Region	Applicant Name	Project Name	Population ≤ 20,000	SMALL DAC/SDAC	Project Type	IUP Amount	Reason for Delay
8018-210	4	Malibu, City of	Malibu Civic Center Water Treatment Facility Phase 2	Yes	No	Construction	\$ 45,000,000.00	1
8063-110	4	Los Angeles, City of	DCTWRP Advanced Water Purification Facility	No	No	Construction	\$ 266,000,000.00	1
8154-110	4	Los Angeles County Sanitation District No. 2	Carson JWPCP - Effluent Outfall Tunnel Project	No	No	Construction	\$ 127,230,000.00	3
8170-110	8	Inland Empire Utilities Agency	City of Pomona, Monte Vista Water District & IEUA Recycled Water Intertie Project	No	No	Construction	\$ 87,244,000.00	2
8194-110	8	San Bernardino, City of	Clean Water Factory	No	No	Construction	\$ 9,912,586.00	5
8238-110	2	Burbank Sanitary District	Scott Street and Backyard Easements Sanitary Sewer Rehabilitation Project	Yes	No	Construction	\$ 5,064,000.00	6
8258-110	2	Richmond, City of	Wastewater Treatment Plant Critical Improvements Project	No	No	Construction	\$ 50,000,000.00	6
8277-110	9	San Diego, City of	Advanced Metering Infrastructure (AMI) Project	No	No	Construction	\$ 79,392,934.00	5
8286-110	2	San Francisco, Public Utilities Commission of	CWWSIPSE02 SEP New Headworks (Grit) Replacement	No	No	Construction	\$ 112,036,181.00	6

² Exhibit D is a list of all projects that were on the Fundable List that did not receive an executed financing agreement during SFY 2021-22.

Project Number	Region	Applicant Name	Project Name	Population ≤ 20,000	SMALL DAC/SDAC	Project Type	IUP Amount	Reason for Delay
		the City & County of						
8293-110	2	West County Wastewater District	WPCP and Collection System Improvements - Phase I	No	No	Construction	\$ 18,050,000.00	5
8293-120	2	West County Wastewater District	WPCP and Collection System Improvements - Phase II	No	No	Construction	\$ 16,606,154.00	5
8308-210	9	South Coast Water District	Monarch Beach Drive/ Stonehill Recycled Water Distribution	No	No	Construction	\$ 4,332,000.00	2
8366-110	3	Carpinteria Valley Water District	Carpinteria Advanced Purification Project	Yes	No	Construction	\$ 16,400,000.00	1
8377-110	2	Palo Alto, City of	Regional Water Quality Control Plant Discharge Infrastructure Improvements	No	No	Construction	\$ 11,760,000.00	3
8417-110	2	Palo Alto, City of	Advanced Water Purification System (AWPS) 1 MGD Project	No	No	Construction	\$ 22,353,000.00	1
8419-210	9	San Diego, City of	Pure Water North City Water Reclamation Plant Expansion	No	No	Construction	\$ 136,193,881.00	7
8440-110	3	El Paso de Robles, City of	Paso Robles Recycled Water Distribution System	No	No	Construction	\$ 19,414,000.00	2
8446-110	5	Biggs-West Gridley Water District	Infrastructure Modernization and Canal Operations Decision Support	Yes	No	Construction	\$ 734,364.00	5
8478-110	8	Santa Ana, City of	Septic to Sewer Island	Yes	No	Construction	\$ 1,529,220.00	1
8483-110	2	Sunnyvale, City of	Secondary Treatment and Dewatering Facilities	No	No	Construction	\$ 215,096,000.00	1

Project Number	Region	Applicant Name	Project Name	Population ≤ 20,000	SMALL DAC/SDAC	Project Type	IUP Amount	Reason for Delay
8486-110	5	Hidden Valley Lake Community Services District	I&I Remediation	No	No	Construction	\$ 850,000.00	4
8499-110	2	Milpitas, City of	City of Milpitas Recycled Water Pipeline Extension	No	No	Construction	\$ 61,217,000.00	2
8501-110	4	Sanitation Districts of Los Angeles County	216th Street Replacement Trunk Sewer Phase 2	No	No	Construction	\$ 12,830,500.00	1
8502-110	2	Daly City, City of	Vista Grande Drainage Basin Improvement Project	No	No	Construction	\$ 62,889,860.00	2
8504-110	9	San Diego, City of	Los Peñasquitos Lagoon Restoration Phase I	No	No	Construction	\$ 27,444,700.00	1
8507-110	5	Del Puerto Water District	Del Puerto Water District Irrigation System Improvement Project II	No	No	Construction	\$ 5,000,000.00	2
8508-110	3	Santa Barbara, City of	El Estero Wastewater Treatment Plant Electrical Distribution Renewal Project	No	No	Construction	\$ 30,188,647.00	1
8514-110	8	Elsinore Valley Municipal Water District	Diamond Regional Sewer Lift Station and Dual Force Mains	No	No	Construction	\$ 36,540,937.00	1
8523-210	8	Cucamonga Valley Water District	Recycled Water Pipeline Extension project	No	No	Construction	\$ 1,008,000.00	7
8526-110	8	Inland Empire Utilities Agency	RP-1 Disinfection Improvements Project	No	No	Construction	\$ 8,460,000.00	1
8535-110	8	Inland Empire Utilities Agency	Philadelphia Force Main Improvements Project	No	No	Construction	\$ 20,001,412.00	1
8553-110	9	San Diego, City of	South Mission Beach Storm Drain Improvements and Green Infrastructure	No	No	Construction	\$ 16,678,086.00	2

Project Number	Region	Applicant Name	Project Name	Population ≤ 20,000	SMALL DAC/SDAC	Project Type	IUP Amount	Reason for Delay
8577-110	4	Santa Paula, City of	City of Santa Paula Advanced Water Treatment Facility	No	No	Construction	\$ 15,154,000.00	1
8578-110	3	Santa Ynez Community Services District	Horizon Drive Mainline Extension	Yes	No	Construction	\$ 800,000.00	5
8584-110	5	Amador County	Buena Vista Landfill WMU-1 Final Cover Reconstruction and Class II Surface Impoundment Expansion and Liner Replacement	No	No	Construction	\$ 1,800,000.00	2
8588-110	2	Oro Loma Sanitary District	Sewer Collection System Pipeline Rehabilitation and Replacement 2 Project	No	No	Construction	\$ 25,000,000.00	5
8602-110	3	Santa Barbara, City of	Braemar Lift Station Rehabilitation Project	No	No	Construction	\$ 7,430,411.00	1
8605-110	9	Carlsbad, City of	SCADA Implementation Project	No	No	Construction	\$ 4,601,000.00	1

Reason for Delay:

1. CWSRF Reviews are not Complete (Complete Application)
2. Application requires additional studies, more documents, and/or more hearings (Incomplete Application)
3. N/A - CWSRF financing agreement is pending
4. Project dropped from consideration due to inactive status
5. N/A- application withdrawn
6. Project funded Fiscal Year 20-21
7. N/A- financed with grant/PF financing or other financing

Exhibit E: DBE Reporting Results

	MBE	WBE	TOTAL
FFY 2021 Annual Disbursements by Category	\$12,406,081	\$4,496,081	\$16,902,160.23
Total Disbursements			\$562,849,499
Percentage to Total Disbursements	2.20%	0.80%	3.02%

Note: Percentage of DBE participation is determined by taking the funds disbursed to MBE and WBE compared to the total disbursements for the period October 1, 2021 through September 30, 2022. DBE reports are collected annually based on the FFY.

Exhibit F: SFY 2021-22 CWSRF Green Project Reserve Projects³

Funding Recipient	Project Number	Funding Agreement Number	Green Project Reserve Funding Amount	Total Agreement Amount
Escondido, City of	8059-110	D2001031	\$24,643,750	\$24,643,750
West Basin Municipal Water District	8114-110	D2101018	\$3,000,000	\$3,000,000
Biola Community Services District	8155-210	D2101001	\$2,837,500	\$5,675,000
Yucaipa Valley Water District	8162-110	D2001002	\$2,892,500	\$2,892,500
Jurupa Community Services District	8167-120	D2101041	\$19,800,000	\$19,800,000
Morro Bay, City of	8185-210	D2001033	\$29,262,832	\$45,490,486
Inland Empire Utilities Agency	8260-110	D2101012	\$11,772,550	\$11,772,550
Woodland, City of	8384-110	D2101047	\$2,282,018	\$2,282,018
Inland Empire Utilities Agency	8414-110	D2101010	\$2,883,000	\$2,883,000
Inland Empire Utilities Agency	8415-110	D2101013	\$2,062,000	\$2,062,000
Coachella Valley Water District	8470-110	D2001010	\$16,500,000	\$16,500,000
Central Contra Costa Sanitary District	8489-110	D2001044	\$173,105,000	\$173,105,000
Union Sanitary District	8498-110	D2101015	\$33,435,000	\$33,435,000
Oceanside, City of	8546-110	D2101048	\$17,523,327	\$17,523,327
East County Advanced Water Purification JPA	8548-110	D2101044	\$189,075,425	\$378,150,850
Coachella Valley Water District	8580-110	D2101039	\$10,530,000	\$10,530,000
Total Projects:	16		\$541,604,902	\$749,745,481

³ Green Project Reserve includes projects that promote Green Infrastructure, Energy Efficiency, Water Efficiency or Environmentally Innovative projects. Projects were categorically eligible or required a business case justification. If the GPR amount is less than the Total Agreement Amount, the project was partially green and required a business case justification. GPR Target is 10% of 2021 CAP Grant = \$113,637,000

Exhibit G: SFY 2021-22 Additional Subsidy Projects (Principal Forgiveness)

Funding Recipient	Project Number	Funding Agreement Number	Additional Subsidy Amount	Total Agreement Amount
Housing Authority of the County of San Joaquin	8052-210	D2001024	\$6,219,566	\$6,219,566
Biola Community Services District	8155-210	D2101001	\$5,675,000	\$5,675,000
Maricopa, City of	8206-210	D2001028	\$7,378,169	\$7,378,169
Williams, City of	8225-210	D2001020	\$5,458,000	\$5,458,000
Herlong Public Utility District	8313-110	D2001039	\$1,968,437	\$2,624,583
San Andreas Sanitary District	8375-210	D2101020	\$4,275,239	\$4,275,239
Calaveras Unified School District	8378-210	D2001032	\$5,352,770	\$5,352,770
Earlimart Public Utility District	8391-110	D2101003	\$470,600	\$470,600
Forestville Water District	8405-110	D2001040	\$2,256,251	\$3,008,334
Buttonwillow County Water District	8409-110	D2001050	\$383,800	\$383,800
County of Plumas, Beckwourth County Services Area	8425-110	D2101006	\$397,425	\$397,425
Trinity County Waterworks District #1	8428-110	D2001038	\$500,000	\$500,000
Lassen County Waterworks District No. 1	8525-110	D2101002	\$500,000	\$500,000
Marysville, City of	8557-110	D2101034	\$1,423,529	\$1,423,529
Coalinga, City of	8572-110	D2101019	\$500,000	\$500,000
Kings, County of	8586-110	D2101004	\$467,000	\$467,000
Association of Bay Area Governments	8600-110	D2101051	\$1,000,000	\$1,000,000
Total Projects:	17		\$44,225,786	\$45,634,015

Exhibit H: CWSRF Projects with Financing Servicing Fees

Fund 3147 - Small Community Grant Fee (percentage of outstanding principal balance)⁴

Contract Number	Project Number	Recipient	Fee Rates
00-808	4521-110	Riverbank, City of	2.6%
07-810	5051-110	Reedley, City of	2.4%
07-812	4699-110	Crescent City, City of	2.4%
07-828	4438-110	Colusa, City of	2.4%
07-829	5085-110	Union Sanitary District	2.7%
08-804	4729-130	La Mesa, City of	2.6%
08-813	5055-110	Patterson, City of	2.6%
08-814	4352-110	Lake Arrowhead Community Services District	2.6%
08-815	4680-110	Ventura, County of	2.6%
08-816	4916-110	Los Angeles County Sanitation District	2.6%
08-817	4148-110	Rosamond Community Services District	2.6%
08-838	5139-110	Hughson, City of	1.0%
08-854	4729-140	La Mesa, City of	1.0%
09-850	4688-110	Oakdale, City of	2.5%
09-856	5043-110	Galt, City of	2.9%

Fund 9739 - Administrative Service Fee (1% of outstanding principal balance)⁵

Contract Number	Project Number	Recipient	Fee Rates
00-804	4486-110	Templeton Community Services District	1%
00-818	4062-220	Santa Rosa, City of	1%
00-825	4062-170	Santa Rosa, City of	1%
00-831	4062-250	Santa Rosa, City of	1%

⁴ Constitutes projects with only a Small Community Grant Fee.

⁵ Constitutes projects with only an Administrative Service Fee.

Contract Number	Project Number	Recipient	Fee Rates
01-803	4053-110	McCloud Community Services District	1%
01-810	4062-160	Santa Rosa, City of	1%
01-811	4062-230	Santa Rosa, City of	1%
01-813	6036-110	Santa Cruz, County of	1%
01-814	4062-150	Santa Rosa, City of	1%
02-821	4812-110	Napa Sanitation District	1%
02-826	4845-110	Santa Margarita Water District	1%
02-827	4802-110	Corona, City of	1%
03-846	4783-110	Los Angeles County Sanitation District	1%
03-847	4783-210	Los Angeles County Sanitation District	1%
04-802	6085-110	The Nature Conservancy	1%
04-814	4450-110	Coachella Sanitary District	1%
04-815	4252-510	La Canada Flintridge, City of	1%
05-809	4665-210	Stege Sanitary District	1%
05-810	4200-110	Yucaipa Valley Water District	1%
05-811	4729-110	La Mesa, City of	1%
06-810	4899-110	Inland Empire Utilities Agency	1%
07-816	4728-120	South San Francisco, City of	1%
07-824	4903-110	Novato Sanitary District	1%
08-845	5100-110	Eastern Municipal Water District	1%
09-800	5098-110	Linda County Water District	1%
09-858	5490-110	Del Mar, City of	1%
10-808	5219-110	Union Sanitary District	1%
10-817	5222-110	Union Sanitary District	1%
11-800	4971-240	Redding, City of	1%
11-810	4971-260	Redding, City of	1%
11-813	5319-110	Inland Empire Utilities Agency	1%
11-821	4463-110	Orange County Water District	1%
11-825	5175-210	Modesto, City of	1%
11-827	5216-110	Silicon Valley Clean Water	1%
11-849	5380-110	Redding, City of	1%

Contract Number	Project Number	Recipient	Fee Rates
12-807	7613-110	Fallbrook Public Utility District	1%
13-836	7891-110	Redding, City of	1%
14-817	7893-110	Fresno, City of	1%
93-805	6006-110	Davis, City of	1%
93-810	6022-110	Pacheco Water District	1%
93-819	4330-110	Goleta Sanitary District	1%
94-806	4108-110	Cambria Community Services District	1%
96-805	6014-110	San Luis Water District	1%
96-820	4360-110	Davis, City of	1%
97-804	4001-220	Los Angeles County Sanitation District	1%
97-809	4505-110	Placerville, City of	1%
97-813	6031-110	Mammoth Lakes, Town of	1%
97-814	4648-110	Rialto, City of	1%
97-830	4001-230	Los Angeles County Sanitation District	1%
98-813	4262-110	Humboldt County Res. Imp. Dist. 1	1%
98-818	4001-250	Los Angeles County Sanitation District	1%
98-837	4452-110	Santa Ana Watershed Project Authority	1%
99-802	4704-110	Windsor, Town of	1%
99-805	4610-110	Vacaville, City of	1%
99-807	4679-110	Los Angeles, County of	1%
99-811	4429-120	Thousand Oaks, City of	1%
D1501015	8082-110	Sacramento Regional County Sanitation District	1%
D1501016	8101-110	Orange County Water District	1%
D1501017	7831-110	Eastern Municipal Water District	1%
D1501018	8025-150	Sacramento Regional County Sanitation District	1%
D1501019	5295-110	Hi-Desert Water District	1%
D1501021	8026-110	Pacific Grove, City of	1%
D1501031	8075-110	Woodland, City of	1%
D1501034	8086-110	North Marin Water District	1%
D1601005	8062-110	Modesto, City of	1%
D1601014	8096-110	Water Replenishment District of Southern California	1%

Contract Number	Project Number	Recipient	Fee Rates
D1601015	7896-210	Colusa, City of	1%
D1601021	8166-110	Piedmont, City of	1%
D1601036	8047-110	Eastern Municipal Water District	1%

3147 and 9739 (percentage of outstanding principal balance)⁶

Contract Number	Project Number	Recipient	Fee Rates	
			SCG	Admin
00-801	4610-120	Vacaville, City of	1.7%	1%
00-805	4596-110	Hilmar County Water District	1.6%	1%
00-806	4685-110	Sacramento, City of	1.6%	1%
00-809	4708-110	Redding, City of	1.6%	1%
00-815	4465-110	Yreka, City of	1.6%	1%
00-816	4062-140	Santa Rosa, City of	1.6%	1%
00-819	4086-110	Lake County Sanitation District	1.6%	1%
01-802	4173-110	Laguna County Sanitation District	1.4%	1%
01-804	4655-110	Piedmont, City of	1.4%	1%
01-815	4771-110	Union Sanitary District	1.4%	1%
01-816	4684-110	Ventura, County of	1.4%	1%
01-817	4062-240	Santa Rosa, City of	1.6%	1%
01-821	4800-110	Redlands, City of	1.5%	1%
01-825	4790-110	Vallejo Flood and Wastewater District	1.5%	1%
02-804	4252-410	La Canada Flintridge, City of	1.4%	1%
02-809	4846-130	Inland Empire Utilities Agency	1.5%	1%
02-810	4772-110	Burlingame, City of	1.5%	1%
02-811	6061-120	Napa, County Of, Flood Control and Water	1.5%	1%

⁶ Constitutes projects with both a Small Community Grant Fee and Administrative Service Fee.

Contract Number	Project Number	Recipient	Fee Rates	
			SCG	Admin
02-816	4801-110	North San Mateo County Sanitation District	1.5%	1%
02-817	4655-120	Piedmont, City of	1.5%	1%
02-818	4307-110	San Luis Obispo, City of	1.5%	1%
02-823	4007-610	Alameda, City of	1.6%	1%
02-824	4728-110	South San Francisco, City of	1.5%	1%
02-825	4658-110	Victor Valley Wastewater Rec Authority	1.5%	1%
03-801	4695-110	Escondido, City of	1.4%	1%
03-804	4657-110	Tahoe-Truckee Sanitation Agency	1.6%	1%
03-806	4528-210	Benicia, City of	1.6%	1%
03-811	4655-130	Piedmont, City of	1.5%	1%
03-848	4783-310	Los Angeles County Sanitation District	1.3%	1%
05-803	4693-110	Petaluma, City of	1.4%	1%
05-808	4844-110	North Marin Water District	1.4%	1%
06-801	4823-110	Sonoma Valley County Sanitation District	1.3%	1%
06-802	6090-110	The Conservation Fund	1.3%	1%
06-803	4971-110	Redding, City of	1.2%	1%
06-806	4969-110	Nevada County Sanitation District #1	1.2%	1%
07-813	5053-110	Union Sanitary District	1.4%	1%
07-817	6093-110	St. Helena, City of	1.4%	1%
07-819	4971-210	Redding, City of	1.4%	1%
07-820	4790-120	Vallejo Flood and Wastewater District	1.4%	1%
07-825	4303-110	East Bay Municipal Utility District	1.4%	1%
07-826	4971-220	Redding, City of	1.6%	1%
07-835	5045-110	Union Sanitary District	1.7%	1%
07-836	4470-110	Colfax, City of	1.4%	1%
09-814	5044-110	Palo Alto, City of	1.6%	1%
09-848	4831-110	Santa Cruz County Sanitation District	1.5%	1%
09-851	5152-110	Burlingame, City of	1.9%	1%
09-853	5208-110	Fairfield-Suisun Sewer District	1.9%	1%

Contract Number	Project Number	Recipient	Fee Rates	
			SCG	Admin
09-857	5539-110	Los Angeles County Sanitation District	1.7%	1%
09-861	4395-110	San Diego, City of	1.7%	1%
09-864	7476-110	Yucaipa Valley Water District	1.7%	1%
10-801	7245-110	El Toro Water District	1.7%	1%
10-805	6601-110	Yolo County Flood Control and Water Conservation District	1.7%	1%
10-810	5376-110	Victor Valley Wastewater Rec Authority	1.7%	1%
10-812	5351-110	Castro Valley Sanitary District	1.6%	1%
10-818	5571-110	Delta Diablo	1.6%	1%
10-820	5160-110	Sunnyslope County Water District	1.6%	1%
10-835	5533-110	Burbank, City of	1.6%	1%
10-838	5310-110	Seal Beach, City of	1.6%	1%
10-842	5310-120	Seal Beach, City of	1.6%	1%
11-809	4971-230	Redding, City of	1.6%	1%
11-812	4841-110	Vacaville, City of	1.6%	1%
11-818	4841-130	Vacaville, City of	1.6%	1%
11-822	5610-110	Santa Ana Watershed Project Authority	1.6%	1%
11-832	4905-110	San Diego, City of	1.2%	1%
11-833	5602-110	Turlock, City of	1.2%	1%
11-836	5256-110	Turlock, City of	1.2%	1%
12-802	4250-310	Mission Springs Water District	1.2%	1%
12-804	7113-110	Yuba City, City of	0.8%	1%
12-811	4905-130	San Diego, City of	1.2%	1%
12-816	5069-110	San Diego, City of	0.7%	1%
12-820	5400-110	El Paso de Robles, City of	0.7%	1%
12-821	5006-110	El Toro Water District	0.7%	1%
13-805	5283-110	Placer County Sewer Maintenance District #3	0.9%	1%
13-811	5892-110	Los Angeles County Sanitation District	1.1%	1%
14-810	7894-110	Western Riverside County Regional WW Authority	0.9%	1%

Contract Number	Project Number	Recipient	Fee Rates	
			SCG	Admin
14-832	8025-110	Sacramento Regional County Sanitation District	0.6%	1%
97-812	4504-110	Chico, City of	1.6%	1%
97-815	4155-110	San Elijo Joint Powers Authority	1.5%	1%
97-817	4251-110	Colton, City of	1.5%	1%
97-827	4614-110	South San Francisco, City of	1.6%	1%
97-829	4441-120	Sacramento, City of	1.2%	1%
98-810	4243-110	Wasco, City of	1.6%	1%
98-811	6050-110	Merced, County of	1.6%	1%
98-816	4429-110	Thousand Oaks, City of	1.4%	1%
98-817	4001-260	Los Angeles County Sanitation District	1.4%	1%
98-826	6026-110	South Lake Tahoe, City of	1.6%	1%
98-828	6061-110	Napa, County Of, Flood Control and Water	1.4%	1%
98-830	4529-110	Banning, City of	1.6%	1%
99-809	4452-120	Santa Ana Watershed Project Authority	1.7%	1%
99-819	4666-110	American Canyon, City of	1.7%	1%
99-825	4452-130	Santa Ana Watershed Project Authority	1.6%	1%
99-829	4616-110	Calistoga, City of	1.6%	1%
99-830	4452-140	Santa Ana Watershed Project Authority	1.6%	1%
99-831	4653-110	Sacramento, City of	1.6%	1%
D1501005	8025-140	Sacramento Regional County Sanitation District	0.6%	1%
D1501006	8004-120	Rodeo Sanitary District	0.6%	1%
D1501007	8019-110	Davis, City of	0.6%	1%
D1501008	8004-140	Rodeo Sanitary District	0.6%	1%
D1501010	8042-110	South Tahoe Public Utility District	0.6%	1%
D1501012	8034-110	McKinleyville Community Services District	0.6%	1%
D1501014	7824-110	La Mesa, City of	0.8%	1%
D1501020	8004-150	Rodeo Sanitary District	0.6%	1%
D1501030	8025-160	Sacramento Regional County Sanitation District	0.7%	1%
D1501032	8004-130	Rodeo Sanitary District	0.7%	1%
D1501035	8025-170	Sacramento Regional County Sanitation District	0.7%	1%

Contract Number	Project Number	Recipient	Fee Rates	
			SCG	Admin
D1601003	8116-110	Valley Sanitary District	0.7%	1%
D1601006	8057-110	South Tahoe Public Utility District	0.7%	1%
D1601007	8066-110	South Tahoe Public Utility District	0.7%	1%
D1601009	8188-110	Elsinore Valley Municipal Water District	0.7%	1%
D1601011	8189-110	Los Angeles County Sanitation District	0.7%	1%
D1601012	8204-110	Los Angeles County Sanitation District	0.7%	1%
D1601013	8205-110	Los Angeles County Sanitation District	0.7%	1%
D1601019	8164-110	El Toro Water District	0.7%	1%
D1601020	8012-110	Jackson, City of	0.7%	1%
D1601034	8190-110	Palo Alto, City of	0.8%	1%
D1701002	8129-110	San Francisco, Public Utilities Commission of the City and County of	0.8%	1%
D1701003	8132-110	San Francisco, Public Utilities Commission of the City and County of	0.8%	1%
D1701010	8115-110	Escondido, City of	0.8%	1%

VII. APPENDICES

Appendix A	Short-Term Goals
Appendix B	Long-Term Goals
Appendix C	Operating Agreement and Capitalization Grant Conditions
Appendix D	Performance Evaluation Report
Appendix E	SFY 2020-21 CWSRF Audited Financial Statements

Appendix A: Short-Term Goals

This section describes the CWSRF program’s efforts to meet the following short-term goals established in the SFY 2021-22 IUP. These goals provided the framework that guided the State Water Board’s decision-making, maximization, and prioritization of both staff and funding sources during SFY 2021-22.

	Short-Term Goal	Comments
1	Prepare and review cash management reports regularly	<ul style="list-style-type: none"> State Water Board staff periodically reviewed cash levels in the CWSRF accounts to ensure that sufficient cash would be available to meet all disbursement requests and that cash is not accumulating in the fund. Staff evaluated the cash flow impact of each new project during the financing approval process.
2	Continue regular staff level finance/audit coordination meetings	<ul style="list-style-type: none"> DFA and Division of Administrative Services (DAS) staff conducted regular finance/audit coordination meetings on July 23, 2021, October 22, 2021, January 28, 2022, and May 20, 2022 to ensure oversight of the CWSRF’s finances. Standing topics at finance/audit coordination meetings included (a) reviewing cash flow of projects under contract, short and long-term cash flow projections, and future cash flow needs; (b) comparing actual performance with target performance measures; and (c) reviewing audit issues, program control issues, tax compliance issues, and planning for upcoming audits.
3	Apply for and accept the Federal Fiscal Year 2021 Capitalization Grant.	<ul style="list-style-type: none"> State Water Board submitted its FFY 2021 Capitalization Grant application on June 5, 2021. USEPA awarded the 2021 Grant on September 22, 2021, in the amount of \$113,657,000. The State Water Board will provide \$22,727,400 in matching funds through excess state bond funds and local match contributions.
4	Maintain Compliance with the “Debt Management Policy.”	<ul style="list-style-type: none"> The State Water Board staff complied with the Debt Management Policy in SFY 2021-22. No new bonds were issued by the CWSRF program this year but reporting and compliance requirements were met for all outstanding bond issues consistent with the Debt Management Policy.
5	Prepare Annual Report and Audited Financial Statements for SFY 2021-22.	<ul style="list-style-type: none"> To satisfy federal requirements and ensure the CWSRF’s finances are reliable, audited financial statements for the year ending June 30, 2022 were completed January 31, 2023. The audited financial statements can be found in Appendix E of the SFY 2021-22 Annual Report.

6	Comply with all reporting requirements and compliance obligations associated with outstanding revenue bonds, as set forth in the related continuing disclosure agreements, the Post-Issuance Tax Compliance Policy for Tax-Exempt Bond Issues, the Amended and Restated Master Payment and Pledge Agreement, and the Amended and Restated Master Trust Indenture.	<ul style="list-style-type: none"> The State Water Board complied with all reporting requirements and compliance obligations associated with outstanding revenue bonds, as set forth in the related continuing disclosure agreements, the Post-Issuance Tax Compliance Policy for Tax-Exempt Bond Issues, the Amended and Restated Master Payment and Pledge Agreement, and the Amended and Restated Master Trust Indenture.
7	Provide funds for high-priority projects	<ul style="list-style-type: none"> The State Water Board continued to provide CWSRF financing for high-priority projects that were ready to proceed to a financing agreement in SFY 2021-22. Section III and Exhibit A provide further details about the projects funded by the State Water Board in SFY 2021-22.
8	Adopt the SFY 2022-22 (FFY 2022) IUP	<ul style="list-style-type: none"> The State Water Board adopted the SFY 2021-22 IUP on June 16, 2021, to establish its business plan for the CWSRF and ensure timely submission of its FFY 2021 Capitalization Grant application to USEPA.
9	Report activities supporting the (a) California Water Action Plan, (b) State Water Board's Strategic Plan, (c) the CalEPA Strategic Vision, and (d) the USEPA Strategic Plan.	<ul style="list-style-type: none"> In SFY 2021-22, the State Water Board reported activities supporting the USEPA strategic goals via the CWSRF Annual Report, Clean Water Benefits Reporting System, and Clean Water National Information Management System (NIMS). State Water Board staff also reported via the Federal Funding Accountability and Transparency Act (FFATA) Reporting System for an amount equal to the FFY 2021 CWSRF Capitalization Grant. Exhibit B lists the projects reported to the FFATA database for FFY 2021.
10	Continue regular internal coordination meetings to identify and resolve delays	<ul style="list-style-type: none"> State Water Board staff conducted monthly staging meetings in SFY 2021-22 to coordinate and prioritize application reviews to ensure all projects on the

	affecting applications on the Fundable List.	Fundable List receive an executed agreement by June 30, 2022.
11	External CWSRF Program review to improve program management efficiency.	<ul style="list-style-type: none"> • Coordinate with Environmental Finance Center and stakeholders on completing a program management review of the CWSRF Program to identify potential efficiencies, improvements, or enhancements that would facilitate review processing, and execution of loan agreements and disbursements. (Fall 2021)

Appendix B: Long-Term Goals

This section discusses the State Water Board's efforts to meet the following long-term goals for the CWSRF program established in the SFY 2021-22 IUP. These long-term goals also provided a framework that guided the State Water Board's decision-making, maximization, and prioritization of both staff and funding sources during SFY 2021-22.

	Long-Term Goal	Comments
1	Maximize cash flow: For maximum benefit, CWSRF disbursements should equal the Program's receipts, less the minimum \$25 million balance and restricted assets.	<ul style="list-style-type: none"> State Water Board executed additional financing agreements that will use future CWSRF receipts and help preclude the growth of the CWSRF's cash balance. State Water Board continued to monitor individual projects to ensure that cash was being requested on a regular basis; projects that had not requested funds for significant periods of time were prompted to submit disbursement requests. Throughout the year, the State Water Board received cash through a variety of sources, and disbursed cash for a variety of projects and program expenses. DFA also continued to monitor projects and their disbursements to ensure that final disbursements are made within six (6) months of construction completion to ensure that funds are disbursed timely.
2	Use revenue and capital effectively	<ul style="list-style-type: none"> DFA continued to monitor cash and financing forecasts to determine whether additional capital would be needed. The State Water Board did not need additional capital during 2021-22, and no additional CWSRF bonds were sold in SFY 2021-22.
3	Maintain financial integrity.	<ul style="list-style-type: none"> State Water Board staff analyzed the creditworthiness of all applicants to ensure CWSRF is repaid on time and in full and imposed special conditions where appropriate on applicants to lower the credit risk. Approvals and transactions associated with individual CWSRF projects were documented in each project's file. In general, a hard-copy file was established and maintained for each project and duplicate electronic records were also maintained for each project in the Loans and Grants Tracking System (LGTS), the CWSRF's data management system. Each approval and transaction in SFY 2021-2022 required multiple reviews and signoffs from staff and management to ensure accuracy and validity. Written

		<p>internal procedures for the CWSRF program were also maintained.</p> <ul style="list-style-type: none"> • State Water Board staff also surveilled financing recipients with outstanding obligations. Recipients are generally required to provide ongoing financial information after loan closing for at least five years, or longer in some cases, or to complete public outreach if there was significant public disapproval during their rate setting process. • DFA staff maintained its “watch list” of financing recipients and potential applicants that show signs of financial weakness. Financial weakness was assessed using the financing recipients’ annual financial statements, a variety of news outlets, and periodic interactions with applicants, the Regional Water Boards, and the public. • CWSRF monitored payments of all outstanding agreements in SFY 2021-22 to identify late payments and prevent delinquent payments, that is payments greater than 10 days past the payment due date, especially payments on agreements that have been pledged to repay CWSRF revenue bonds. • State Water Board staff prepared financial statements for the CWSRF, and the financial statements were audited by an independent auditor in accordance with Government Auditing Standards. A copy of the audited financial statements is included in this report (Appendix E). • Designated State Water Board supervisors and managers were required to file an annual “Statement of Economic Interest” with the California Fair Political Practices Commission. In addition, State Water Board supervisors and managers completed conflict of interest training and are required to complete ethics training biennially.
4	Achieve compliance statewide with water quality objectives.	<ul style="list-style-type: none"> • The State Water Board continued its efforts to set and enforce water quality objectives. The State Water Board provided financial assistance from the CWSRF to correct pollution problems to help meet these objectives. The environmental benefits of the projects that received CWSRF financing during SFY 2021-22 are summarized in Section III of this report.
5	Achieve sustainable water resource management.	<ul style="list-style-type: none"> • State Water Board continued to make California’s water supply more sustainable and resilient. Eighteen water recycling projects were funded through the

		<p>CWSRF Program during SFY 2021-22 that helped offset or augment fresh water supplies.</p> <ul style="list-style-type: none"> • Sixteen (16) projects funded during SFY 2021-22 met the USEPA’s “Green Project Reserve” criteria. Green projects reduce the environmental footprint of water and wastewater treatment, collection, and distribution; help utilities adapt to climate change; enhance water and energy conservation; adopt more sustainable solutions to wet weather flows; and promote innovative approaches to water management problems. • All applicants for CWSRF infrastructure financing are required to certify the existence, or current development of, fiscal sustainability plans (FSP). A certified FSP includes an inventory of critical treatment works assets; an evaluation of the condition and performance of the assets; a certification that the applicant evaluated and will be implementing water and energy conservation; and a plan for maintaining, repairing, and replacing the treatment works and funding those activities. • All public agencies that received CWSRF funds were required to certify they have performed a cost and effectiveness analysis and selected a project to maximize the efficient use, reuse, and recapture of water. Financed projects must maximize conservation of water and energy and consider the costs of construction, operation, and maintenance over the life of the project, as well as replacement of the project. • State Water Board applied water conservation requirements to recipients and required compliance with several specific state water management laws, where applicable, including urban water management planning, agricultural water management planning, Delta Plan compliance, and water metering requirements.
6	Finance infrastructure that will achieve or maintain compliance with federal and state water quality requirements.	<ul style="list-style-type: none"> • State Water Board financed approximately \$2.1 billion of infrastructure improvements during SFY 2021-22, which will support the Regional Water Boards’ efforts to implement water quality control plans in their respective regions. Water quality control plans are developed on a watershed basis.
7	Assist with the State Water Board’s Plan for California’s Nonpoint Source	<ul style="list-style-type: none"> • The State Water Board did not fund any projects in SFY 2021-22 that will help address non-point source estuaries.

	<p><u>Pollution Control Program</u> and estuary <u>Comprehensive Conservation and Management Plans</u></p>	
8	<p>Invest in small SDACs and small DACs disproportionately affected by pollution and water contamination consistent with the <u>Capacity Development Strategy</u>.</p>	<ul style="list-style-type: none"> • The Office of Sustainable Water Solutions (OSWS) was established on March 27, 2015 as a result of the Governor signing <u>Assembly Bill 92</u>. OSWS is part of State Water Board’s DFA. OSWS was created to promote permanent and sustainable drinking water and wastewater solutions to ensure effective and efficient provision of safe, clean, affordable, and reliable drinking water and wastewater treatment services, focusing on addressing financial and technical assistance needs, particularly for small disadvantaged communities. OSWS manages the Small Community Funding Program and provides small disadvantaged and small severely disadvantaged communities low interest loans and principal forgiveness through the CWSRF program and grants through the CWSRF Small Community Grant Fund (CWSRF-SCG) and Small Community Grant Wastewater (SCG-WW) programs utilizing federal and state funds respectively. • The CWSRF-SCG continued to provide grant funds to small DACs in SFY 2020-21 for projects that addressed pollution and water contamination. In summary, four (4) projects totaling \$11.713 million of CWSRF-SCG and related SCG-WW grants were awarded in SFY 2021-22. See Exhibit C for the list of projects for small DACs that were funded in SFY 2021-22. • OSWS continued to implement the State Water Board’s combined technical, managerial and financial <u>capacity development strategy</u> for small and/or DAC wastewater and drinking water communities. The combined strategy provides an overview of the challenges the communities face, including failing septic systems, failing and undersized wastewater treatment plants, higher per capita costs, lower household incomes for DACs, and prohibitive rates. The combined strategy also discusses options and offered solutions to help address the communities’ pollution and water contamination issues. These include offering grants, principal forgiveness, and reduced interest rates for new infrastructure financing

		<p>and providing technical assistance. Additional information on technical assistance provided to small DACs in SFY 2021-22 is described in Section IV(D).</p>
<p>9</p>	<p>Support the state’s greenhouse gas reduction and climate adaptation goals to the maximum extent practicable consistent with the State Water Board’s water quality objectives.</p>	<ul style="list-style-type: none"> • The State Water Board worked to meet its sustainability objectives by helping funding recipients adapt to climate change. The State Water Board adopted Resolution No. 2017-0012 on March 7, 2017, outlining a comprehensive response to climate change for all the State Water Boards’ activities and programs. In response, DFA considered the potential effects of climate change on the viability of funded projects. Also, consistent with the California Air Resources Board’s Climate Change Scoping Plan, the State Water Board looked for actions to incentivize sustainable water-related infrastructure and water quality protection and improvement projects. • DFA continued to evaluate information provided by applicants through the climate change worksheet required as part of all CWSRF funding applications. The climate change worksheet considers the impacts of climate change on projects being considered for CWSRF funding. • DFA provides technical assistance where appropriate to support water and wastewater systems’ efforts to prepare for and mitigate the impacts of climate change including preparing and implementing climate adaptation plans, implementing drought resiliency and preparedness efforts, improving public health outcomes and providing access to safe and affordable drinking water, and efficiently and sustainably managing their drinking water systems and resources. • DFA ensured that applications and environmental reviews for potential projects evaluated the impacts related to climate change and accounted for potential mitigation measures, including potential effects of climate change on the viability of funded projects, and worked with applicants to ensure that mitigation and adaptation measures are implemented as fully as practicable. • DFA did not execute any water/energy audits during SFY 2021-22. The purpose of a water or energy audit is to encourage public agencies to evaluate their current practices, identify potentially inefficient water or energy use, and develop a plan to improve consumption of these valuable resources.

10	Provide good customer service with a special emphasis on assisting small SDACs and DACs.	<ul style="list-style-type: none"> • DFA continued to emphasize good customer service, especially assisting small SDACs and DACs with technical assistance and staff dedicated to helping these communities.
11	Ensure that the application forms and review procedures are clear, flexible, up-to-date, and efficient.	<ul style="list-style-type: none"> • In SFY 2020-21, State Water Board updated its CWSRF application forms and instructions to ensure that they met the accessibility requirements of California Government Code Sections 7405, Section 11135, Section 508 of the Rehabilitation Act, and AB 434, which requires each state agency to post on their home page a signed certification that the agency's Internet Web site is in compliance with specified accessibility standards.
12	Clearly communicate to applicant their statuses and expectations for funding.	<ul style="list-style-type: none"> • DFA regularly updated the CWSRF Application Status Report posted on its Web site. • Each application submitted to DFA was also assigned a Project Manager to assist the applicant through the application process. The Project Manager is the applicant's primary source of information regarding the application's status and timeframe for funding.
13	Ensure staff is well trained and ready to help applicants resolve all issues needed to receive financing.	<ul style="list-style-type: none"> • CWSRF management conducted regular staff meetings and training sessions to ensure that staff received up-to-date information about the current policies and procedures affecting the CWSRF program.
14	Develop an electronic disbursement request submittal system.	<ul style="list-style-type: none"> • Plan, design and implement an electronic disbursement request submittal module that is integrated with the existing Loans and Grants Tracking System in an effort to improve processing efficiency, support remote access workflow, reduce paper document load and standardize recipient submittals.

Appendix C: Operating Agreement and Capitalization Grant Conditions

The State Water Board agreed to several conditions in the CWSRF Operating Agreement and the CWSRF Federal Capitalization Grant Agreements. These conditions were met as described below.

1. Assistance Activity

The State Water Board continued to provide CWSRF funding for activities in SFY 2021-22 that were eligible under Section 603(c) of the Clean Water Act. In summary, a total of \$2.115 billion in new CWSRF funding was awarded to 54 projects in SFY 2021-22. CWSRF funds were provided to eligible recipients to enhance wastewater treatment, collection systems, or wastewater recycling. The projects and eligible recipients funded in SFY 2021-22 are detailed in Exhibit A.

However, in SFY 2021-22, 38 projects listed on the Fundable List were not funded. Exhibit D lists these projects and the reasons why they did not receive CWSRF or other complementary funding in SFY 2021-22. The high demand for water quality improvement funding in California requires the State Water Board to prioritize projects based upon their water quality benefits as well as the recipient's readiness to proceed to a funding agreement.

2. Eligible Categories of Projects and Financing Terms

The State Water Board offered funding to all eligible categories of projects in SFY 2021-22. The types of assistance included installment sales agreements, loans, and purchase of debt for the construction of treatment works. Additional subsidy in the form of principal forgiveness was also provided to those applicants that met the conditions specified by the State Water Board in Section III.C.2. of the SFY 2021-22 IUP.

The State Water Board offered planning, design, and construction financing during SFY 2021-22. Planning and design financing was provided in the form of principal forgiveness. Construction or implementation financing was generally amortized for periods up to 30 years or the useful life of the project if less than 30 years.

The standard interest rate applied to financing agreements was established at the time the project's financing agreement was prepared. The interest rate was one-half the state's most recent general obligation bond rate, rounded up to the nearest one-tenth of a percent (0.1%). However, small DACs and SDACs, NPS, and estuary management projects were generally offered a lower interest rate, not less than zero percent (0%), under certain conditions where necessary to make a project affordable as directed by the State Water Board in the IUP. Finally, although the CWSRF is over-matched, as explained

in the next section, the State Water Board offered the zero percent (0%) CWSRF local match financing option during SFY 2021-22, but no agreements were executed for local match financing due to the current low interest rate environment.

3. Provide a State Match

The State Water Board met its match requirement by identifying state funds equal to at least 20 percent (20%) of each capitalization grant amount. As of SFY 2021-22, the total capitalization grant amount awarded to the State Water Board for the CWSRF program was \$3.603 billion. Of this amount, \$280 million did not require the 20 percent (20%) match because the funds were from the American Recovery and Reinvestment Act of 2009 (ARRA). As of June 30, 2022, the State Water Board has drawn \$3.141 billion in CWSRF federal grants that required a 20 percent (20%) match. The required match for federal grants drawn by the State Water Board was approximately \$664.6 million.

California uses a combination of state general obligation bonds repaid from non-CWSRF sources and funds contributed by CWSRF applicants to meet the 20 percent (20%) match requirement. A total of approximately \$694.1 million in matching funds has been contributed to the CWSRF; therefore, California contributed approximately \$50 million more to its CWSRF than is required to match grants drawn as of June 30, 2022.

Note: The National Information Management System Report includes all state match contributed to the CWSRF.

4. Binding Commitments within One Year

The State Water Board continued to commit CWSRF funding to projects in an amount equal to or greater than 120 percent (120%) of each federal quarterly payment within one year of that payment. As of June 30, 2022, executed funding agreements totaled approximately \$14.1 billion, or approximately 373% of the total \$3.73 billion in federal payments received as of June 30, 2022.

5. Expeditious and Timely Expenditure

The State Water Board continued to make timely and expeditious use of CWSRF funds, especially federal capitalization grant funds. As of June 30, 2022, the State Water Board had \$67.81 million of FFY 2020 CWSRF Capitalization Grant funds, and \$113.35 million of FFY 2021 CWSRF Capitalization Grant funds. The undisbursed funds were substantially reserved for principal forgiveness. This undisbursed balance continues the

State Water Board's practice of having federal fund balances of less than the equivalent of two capitalization grants.

The CWSRF funds was also satisfied through the prompt and efficient processing of CWSRF reimbursement claims, the CWSRF disbursement rate is now trending on average in SFY 2021-22.

To ensure timely reimbursement, CWSRF claims were generally reviewed and paid within 45 days from receipt of a complete claim. This period, however, was somewhat longer in the last few months of the fiscal year due to the longer year-end transition period associated with FISCAL. Prior to FISCAL implementation, DFA staff reviewed and approved complete disbursement claims generally within 25 days, and then routed the requests to DAS for processing. DAS generally processed requests within eight calendar days of receiving the claim, and the State Controller's Office (SCO) generally issued a check (warrant) within seven calendar days to the funding recipient. The implementation of FISCAL has added additional processing time to the disbursement of funds within DFA, DAS and the State Controller's Office. DFA continuous to identify streamline processes to improve the reimbursement rate.

The State Water Board also continued to draw federal funds in SFY 2021-22 from the United States Treasury via the Automated Standard Application for Payments (ASAP) system as warrants were issued by SCO. ASAP is a request and delivery system of federal funds developed by the Financial Management Service of the United States Treasury and the Federal Reserve Bank. By using ASAP, the State Water Board draws funds from USEPA for expenditures incurred by the CWSRF program in an expeditious and timely manner. Draw requests are made within one week of an issued warrant. Requested funds are also deposited electronically the next business day to account(s) specified by the State Water Board.

To further enable the timely and expeditious use of CWSRF funds, the State Water Board primarily funded CWSRF reimbursement claims first with federal funds, if available, to ensure the prompt liquidation of federal capitalization grants. However, as of June 30, 2022, approximately \$93.1 million of CWSRF financings had been encumbered to the approximately \$119.48 million in available CWSRF federal capitalization grant funds, constituting a 78% commitment ratio. This lower encumbrance ratio was the result of uncommitted principal forgiveness that has been reserved for projects benefiting small DACs. It is anticipated this available principal forgiveness will continue to be encumbered in SFY 2022-23 to facilitate the timely and expeditious use of federal funds.

6. Disadvantaged Business Enterprise (DBE) Participation and Davis-Bacon and American Iron and Steel (AIS) Requirements

Effective October 1, 2019, USEPA approved a temporary exception to suspend the fair share objective requirement for the CWSRF program. Additional information regarding the temporary exception can be found at <https://www.epa.gov/grants/rain-2019-g10>. For FFY 2021, funding recipients reported participation as 1.68 percent (1.68%) for Minority Owned Business Enterprises (MBE) and 0.80 percent (0.80%) for Women Owned Business Enterprises (WBE). The overall DBE participation was 3.02 percent (3.02%). Exhibit F provides a detailed analysis of DBE participation. The State Water Board will continue to monitor participation to ensure that the “positive effort process” is followed by funding recipients.

All CWSRF funded projects were required to comply with Davis-Bacon prevailing wage requirements in SFY 2021-22. Each funding agreement included provisions requiring applicants to follow Davis-Bacon requirements. DFA conducted a variety of surveillance activities throughout SFY 2021-22 to ensure each recipient’s compliance with Davis-Bacon requirements. Surveillance activities included (1) reviewing recipient and sub-recipient reports and compliance certifications; (2) tracking compliance with federal annual monitoring requirements; and (3) annually reviewing quarterly site inspection reports to verify the adequacy of site inspections and control activities.

CWSRF funding recipients were also required to use AIS products in SFY 2021-22 pursuant to USEPA guidelines for projects involving the construction, alteration, maintenance, or repair of a public treatment works funded after January 16, 2014, unless a national or project specific waiver from the USEPA applied. Each funding agreement included provisions requiring applicants to follow AIS requirements. DFA also examined recipient records for AIS certifications and/or any AIS waivers during project inspections.

7. Use of Capitalization Grant Administration Allowance and Administrative Cost Expenditures

In accordance with federal requirements, CWSRF funds can be used for administration of the CWSRF program⁷. In SFY 2021-22, the State Water

⁷ Per section 603 (d)(7) of the Federal Pollution Control Act (Clean Water Act) the CWSRF may be used “for the reasonable costs of administering the fund and conducting activities under this subchapter, except that such amounts shall not exceed 4 percent of all grant awards to such fund under this subchapter, \$400,000 per year, or 1/5 percent per year of the current valuation of the fund, whichever amount is greatest, plus the amount of any fees collected by the State for such purpose regardless of the source.”

Board had three (3) options to determine the maximum amount of CWSRF funds that could be expended for administration of the CWSRF program as presented in Table 7. The State Water Board may also expend revenue derived from CWSRF fees deposited to the CWSRF Administration Fund⁸ to administer the CWSRF program.

Table 7: CWSRF Administration Expenditure Options

Option	CWSRF Administration Allowance Options	Maximum CWSRF Administration Allowance for SFY 2021-22
A	\$400,000	\$400,000
B	4% of all grant awards (including FFY 2021 CWSRF Capitalization Grant) less prior years' CWSRF administrative expenses	\$41,152,357
C	1/5% of CWSRF Net Position (as of June 30, 2022)	\$6,852,205

As of June 30, 2022, the cumulative administrative expenditures from both the CWSRF and the CWSRF Administration Fund were \$199.5 million. In SFY 2021-22 specifically, the total administrative expenditure from the CWSRF and the CWSRF Administration Fund was \$11.6 million.

The State Water Board elected to fund administrative costs from the CWSRF during SFY 2021-22 in the amount of \$510,000 for administrative expenses attributable to vendor contracts. The cumulative administration cost incurred by the State Water Board from the CWSRF as of June 30, 2022 was approximately \$99.85 million. This amount was \$40.2 million less than the four percent (4.0%) upper limit of all CWSRF grant awards, or approximately \$140 million, as of June 30, 2022. Therefore, the State Water Board has complied with Section 603(d)(7) of the Clean Water Act.

Other administration expenses, namely personnel costs, were paid from the CWSRF Administration Fund in SFY 2021-22, in the amount of \$12.319 million. As of June 30, 2022, the cumulative expenses of the CWSRF Administration Fund were approximately \$99.9 million. The balance of the CWSRF Administration Fund was approximately \$15.156 million as of June 30, 2022. The CWSRF Administration Fund is funded through administrative service fees on existing CWSRF repayable financings, as further described in Section II(A).

⁸ The CWSRF Administration Fund is held outside the CWSRF and is not subject to the limitations of Section 603(d)(7) of the CWA. All expenditures from the CWSRF Administration Fund are subject to the annual state budget process.

8. Additional Subsidy and Green Project Reserve Requirements

In accordance with USEPA requirements, a portion of each CWSRF capitalization grant must be used for additional subsidy and the Green Project Reserve. Table 8 shows the minimum and maximum additional subsidy established by USEPA. The State Water Board has directed DFA to use the maximum allowable additional subsidy in the form of principal forgiveness for every annual capitalization grant awarded by USEPA. Table 8 also shows the additional subsidy amounts committed and uncommitted by capitalization grant as of June 30, 2022. Additionally, Table 8 shows the disbursement of additional subsidy by capitalization grant as of June 30, 2022 based on USEPA's capitalization grant disbursement policies. In conclusion, of the total \$385.91 million allocated by the State Water Board for additional subsidy, a total of \$59.74 million of additional subsidy remains uncommitted and a total of \$172.61 million remains undisbursed as of June 30, 2022.

Table 9 shows the minimum amounts of Green Project Reserve that must be awarded by capitalization grant per USEPA requirements. It also shows the amounts of Green Project Reserve funding committed and disbursed by capitalization grant to CWSRF projects as of June 30, 2022. In conclusion, the State Water Board was required to provide a minimum of \$143.2 million in Green Project Reserve funding. A total of \$1.8 billion has been committed and \$1.6 billion has been disbursed to Green Projects. Both amounts exceed the minimum GPR requirement.

Exhibits F and G identifies the 16 CWSRF projects funded from the Green Project Reserve and with the 17 additional subsidy (principal forgiveness) projects in SFY 2021-22.

Table 8: Additional Subsidization Funding
as of June 30, 2022

FFY Grant	SFY	Grant Award Amount	Minimum Subsidy Amount by FFY Grant ⁹	Maximum Subsidy Amount by FFY Grant ⁹	Committed Subsidy Amount by FFY Grant ¹⁰	Uncommitted Subsidy Amount by FFY Grant ¹¹	Disbursed Subsidy Amount by FFY Grant ¹²	Undisbursed Subsidy Amount by FFY Grant ¹³
2010	10/11	\$145,721,000	\$21,824,382	\$72,747,939	\$72,747,939	\$0	\$57,709,364	\$0
2011	11/12	\$105,570,800	\$9,786,413	\$32,609,378	\$32,609,378	\$0	\$1,769,886	\$0
2012	12/13	\$101,080,000	\$5,617,660	\$8,426,490	\$8,426,490	\$0	\$16,112,681	\$0
2013	13/14	\$95,485,000	\$4,497,751	\$6,746,627	\$6,746,627	\$0	\$18,269,736	\$0
2014	14/15	\$100,277,000	\$5,456,840	\$8,185,259	\$8,185,259	\$0	\$18,892,189	\$0
2015	15/16	\$99,763,000	\$0	\$29,928,900	\$29,928,900	\$0	\$9,894,082	\$0
2016	16/17	\$95,558,000	\$9,555,800	\$38,223,200	\$38,223,200	\$0	\$27,262,889	\$0
2017	17/18	\$94,822,000	\$9,482,220	\$37,928,800	\$37,928,800	\$0	\$33,734,184	\$0
2018	18/19	\$114,792,000	\$11,479,200	\$45,916,800	\$45,916,800	\$0	\$28,829,599	\$0
2019	19/20	\$113,637,000	\$11,363,700	\$45,454,800	\$45,454,800	\$0	\$817,299	\$44,637,501
2020	20/21	\$113,653,000	\$11,365,300	\$45,461,200	\$45,461,200	\$0	\$0	\$45,461,200
2021	21/22	\$113,637,000	\$11,363,700	\$45,454,800	\$31,177,508	\$14,277,292	\$0	\$45,454,800
Totals		\$1,293,995,800	\$111,792,966	\$417,084,193	\$402,806,901	\$14,277,492	\$213,291,909	\$203,792,284
				Grand Totals:		\$417,084,193		\$417,084,193

⁹ Additional subsidy must be awarded within a minimum and maximum range of a CWSRF capitalization grant. The State Water Board has directed DFA to utilize the maximum additional subsidy from each capitalization grant.

¹⁰ In accordance with USEPA procedures, these amounts are the additional subsidy encumbered by capitalization grant as of 6/30/2021.

¹¹ In accordance with USEPA procedures, these amounts are the additional subsidy balances that will be encumbered by capitalization grants in the future.

Table 9: Green Project Reserve Funding
as of June 30, 2022

Federal Fiscal Year Grant	State Fiscal Year	Grant Award Amount	Minimum Green Project Reserve Amount by FFY Grant¹⁴	Committed Green Project Reserve Amount Per FFY Grant¹⁵	Disbursed Green Project Reserve Amount by State Fiscal Year¹⁶	Undisbursed Green Project Reserve Amount by State Fiscal Year¹⁷
2010	10/11	\$145,721,000	\$29,144,200	\$37,106,001.00	\$1,434,330	\$0
2011	11/12	\$105,570,800	\$21,114,160	\$120,930,763.00	\$23,244,100	\$0
2012	12/13	\$101,080,000	\$10,108,000	\$24,779,684.00	\$34,590,115	\$0
2013	13/14	\$95,485,000	\$9,548,500	\$152,836,151.50	\$101,464,932	\$0
2014	14/15	\$100,277,000	\$10,027,700	\$63,278,840.13	\$91,194,006	\$0
2015	15/16	\$99,763,000	\$9,976,300	\$131,361,893.55	\$134,298,128	\$0
2016	16/17	\$95,558,000	\$9,555,800	\$320,930,217.13	\$135,893,731	\$0
2017	17/18	\$94,822,000	\$9,482,200	\$472,337,059.63	\$219,315,922	\$0

¹² In accordance with State statutes, additional subsidy is directly encumbered against federal capitalization grants. These amounts are the additional subsidy disbursed by capitalization grant as 6/30/2021 based upon USEPA's "first-in-first-out" (FIFO) policy.

¹³ In accordance with USEPA procedures, these amounts are the total balances by capitalization grant that will be disbursed in the future.

¹⁴ The State Water Board must commit and expend a minimum amount of a capitalization grant to projects that qualify under USEPA's "Green Project Reserve."

¹⁵ In accordance with USEPA procedures, these amounts are the CWSRF project amounts committed to Green Project Reserve projects by capitalization grants as of 6/30/2021.

¹⁶ Green Project reserve funding is not necessarily encumbered and liquidated from CWSRF capitalization grants. These amounts are the Green Project Reserve disbursements.

¹⁷ In accordance with USEPA procedures, these amounts are the total Green Project Reserve funding not yet disbursed as of 6/30/2021.

Federal Fiscal Year Grant	State Fiscal Year	Grant Award Amount	Minimum Green Project Reserve Amount by FFY Grant¹⁴	Committed Green Project Reserve Amount Per FFY Grant¹⁵	Disbursed Green Project Reserve Amount by State Fiscal Year¹⁶	Undisbursed Green Project Reserve Amount by State Fiscal Year¹⁷
2018	18/19	\$114,792,000	\$11,479,000	\$27,016,950.00	\$290,259,519	\$0
2019	19/20	\$113,637,000	\$11,363,700	\$370,181,871.00	\$253,467,568	\$0
2020	20/21	\$113,653,000	\$11,365,300	\$103,058,007.00	\$332,370,023	\$224,947,229
2021	21/22	\$113,637,000	\$11,363,700	\$364,661,594.00	\$0	\$364,661,594
Totals:		\$1,066,705,800	\$131,799,560	\$2,188,479,032	\$1,617,532,374	\$589,608,823
Grand Total:					\$2,207,141,197	

9. Federal Cross-Cutters

The State Water Board ensured that CWSRF financing recipients comply with applicable federal laws, known as “cross-cutters” through a variety of program procedures.

CWSRF financing agreements included a list of applicable federal statutes and requirements taken from the most recent capitalization grant. Every financing recipient agreed to comply with these federal requirements by signing the financing agreement.

The State Water Board Staff updated the [State Environmental Review Process](#) (SERP), and the USEPA Region 9 Administrator approved it on June 26, 2017. The State Water Board Staff reviewed CWSRF projects consistent with the approved SERP. While the SERP generally follows the requirements of the California Environmental Quality Act, each applicant was also required to complete and submit an [Evaluation Form for Federal Environmental Coordination](#) (Evaluation Form) along with relevant supporting federal environmental cross-cutters documents. The State Water Board Staff reviewed the completed Evaluation Form and the supporting federal environmental cross-cutters documents to assure compliance with the federal environmental cross-cutters requirements. Staff coordinated with the USEPA, Region 9 to initiate consultations with relevant federal agencies on projects with known (or suspected) effects under federal environmental regulations, consistent with the SERP approved by the USEPA.

DFA also required compliance with DBE and Davis-Bacon wage requirements for all CWSRF financing, except planning and design financing, and required Single Audit Act (Office of Management and Budget [OMB] Circular A-133 and 2 CFR Part 200, subpart F, and updates or revisions, thereto) compliance and reporting on all recipients that received \$750,000 or more in federal funds in any one year. DFA also required compliance with AIS requirements beginning in 2014, as required by the Consolidated Appropriations Act of 2014 (Public Law 113-76) and by the Clean Water Act, unless the project qualified for a waiver.

As of October 1, 2010, FFATA, along with associated OMB directives, requires non-ARRA recipients of federal dollars to report recipient and sub-recipient information into the FFATA Subaward Reporting System (FSRS) by the end of the month following recipient or sub-recipient award greater than or equal to \$25,000. The CWSRF program began reporting FFATA data in FFY 2011, on an equivalency basis, by choosing financing agreements that equaled the total CWSRF grant amount received from USEPA. The CWSRF program continued to report FFATA financing agreement data, on an equivalency basis, to the FSRS as described in Exhibit B.

Appendix D: Program Evaluation Report (PER)

As of this SFY 2021-22 CWSRF Annual Report, USEPA Region 9 has not yet provided the State Water Board with the 2021 Performance Evaluation Report. The State Water Board will respond to USEPA Region 9 in a separate letter should there be any items identified requiring follow-up action.

Appendix E: SFY 2021-22 CWSRF Audited Financial Statements