State of California

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)

INTENDED USE PLAN

STATE FISCAL YEAR 2021-22
(FEDERAL FISCAL YEAR 2021 CAPITALIZATION GRANT)

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Division of Financial Assistance • 1001 I Street • Sacramento, CA 95814
Approved by: State Water Resources Control Board
XXXX-XX, 2021 - Resolution No. XXXX-XXXX

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ES. EXECUTIVE SUMMARY

California's Clean Water State Revolving Fund (CWSRF) program has been financing projects that help protect and improve water quality since 1989. Division of Financial Assistance (DFA) staff prepared this Intended Use Plan (IUP) which describes the State Water Resources Control Board's (State Water Board) plan for implementing the CWSRF and its complementary financing programs for State Fiscal Year (SFY) 2021-22.

This Executive Summary is intended to provide a condensed overview of highlights and notable changes for SFY 2021-22.

A. State Water Board Guidance

The State Water Board continues to highlight the same priorities as the previous IUP. This includes:

- Small[1] Disadvantaged Communities (DACs)[2] and Severely Disadvantaged Communities (SDACs)[2]
- Onsite Wastewater Treatment Systems
- San Francisco Bay/Sacramento-San Joaquin Delta Estuary (Bay-Delta)
- Sustainability and Climate Change

B. Application Demand

Demand on the CWSRF Program and Small Community Wastewater (SCWW) funds remains high. DFA has received applications requesting more than $7.4 billion as of February 2021.

[1] All references to "small communities" in this IUP mean communities with populations less than or equal to 20,000.

[2] All references to "SDACs" and "DACs" in this IUP mean severely disadvantaged and disadvantaged communities, which are communities with median household incomes less than 60% or communities with less than 80% of the statewide median household income, respectively.

Application Status	# Applications	Requested ($ in millions)
Rollover Projects	52	$4,591
Small SDAC and Small DAC Projects (*Automatically Fundable*)	114	$459
New Projects Subject to Scoring (*Requesting Placement on Fundable List*)	43	$2,028
Projects Subject to Suspension or Removal from Consideration (Inactive, Non-*Responsive or Withdrawn*)	26	$384
Totals	**235**	**$7,462**

Given the ongoing high demand on the CWSRF, the State Water Board will not be able to fund all projects currently requesting funding in SFY 2021-22. Applicants whose projects are not on the Fundable List are encouraged to evaluate all viable, alternative financing options for their projects considering any deadlines they must meet.

C. General Funding Approach

This IUP updates the Fundable List, which represents those projects DFA plans to execute financing agreements for by June 30, 2022.

Projects are added to the Fundable List in two ways:

1. For small SDAC, small DAC, or public health project applications, the project will be added to the Fundable List automatically, once a complete application is submitted.
2. For all other applications, projects are given a priority score. Projects that receive a priority score at or above the cutoff score are placed on the Fundable List with other projects within a sustainable Target Funding Range.

As project application statuses are expected to change throughout the year, DFA will periodically post an updated Comprehensive List on the CWSRF website which identifies those projects which are on the Fundable List. This updated Fundable List will include small SDAC, small DAC, and public health projects, for which applications were received by DFA after the development of this IUP.

D. Financing Terms

The State Water Board's standard interest rate for CWSRF (repayable) financing is 50 percent (50%) of the rate obtained by the State Treasurer for California's most recent general obligation bond sale.

Applicants for CWSRF construction loan financing will receive a 0.25% reduction to the standard interest rate in exchange for selecting a 20-year or less financing term rather than a 30-year financing term, so long as the revised interest rate is not below 0%.

The standard term for a planning loan is five or ten years, at the applicant's option.

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The standard term for a construction loan is the lesser of 30 years or the useful life of the financed facilities.

E. Recent Financing Activity

The level of CWSRF and complementary financing was below average in SFY 2018-19 due to the implementation of California's new, statewide accounting and budgeting system, the Financial Information System for California or "FI$Cal." As of early 2021, DFA is continuing to adapt to FI$Cal and expects that the overall pace of financing will continue to normalize in SFY 2021-22.

Number of Executed Agreements and Total Financing ($ in millions) per SFY

Funding Program	2017-18		2018-19		2019-20		2020-21	
CWSRF	36	$ 733	9	$ 326	21	$ 609	6	$ 120
SCWW	27	$ 68	9	$ 37	18	$ 32	13	$ 24
WRFP	19	$ 230	4	$ 29	12	$ 1	11	$ 98
Total[3]	**64**	**$1,031**	**18**	**$ 326**	**50**	**$ 642**	**23**	**$ 242**
Draft Agreements in process							**39**	**$ 646**

DFA has issued 23 executed agreements during SFY 2020-21 as of March 1, 2021. DFA is currently drafting agreements for another 39 projects for an additional $646 million in funding. Some of these agreements will be executed by June 30, 2021.

F. Available Funding

Available CWSRF and complementary financing programs for SFY 2021-22 are summarized below. The amounts included in the tables below are estimated amounts, which may fluctuate due to a number of reasons, including project cancellations, the disencumberment of undisbursed funds, or any appropriation of additional amounts.

1. CWSRF

The Funding Target is a long-term sustainable funding capacity for the CWSRF Program, established as $600 million for SFY 2021-22. The Funding Target Range is defined as 90 percent to 125 percent of the Funding Target, therefore the Funding Target Range for SFY 2021-22 is $540 to $750 million. The total scored projects added to the Fundable List should fall within this range.

2. Small Community Wastewater (SCWW) Program

Small SDACs and small DACs are eligible for grants and CWSRF principal forgiveness (PF) as described in Appendices D and E. Current SCWW funding is provided by CWSRF PF, Small Community Grant (SCG) fee, and Prop 1 grant. The funding sources are generally interchangeable but may have different eligibility and compliance

[3] The number of unique funding agreements is used for the total. Projects often receive more than one funding source (e.g., CWSRF and WRFP).

requirements. DFA will allocate the most appropriate SCWW funds for eligible projects with a complete application.

Estimated Available SCWW funds for SFY 2021-22

Funding Type	Total
CWSRF PF	$90
SCG fee	$8
Prop 1 grant	$13
Total	**$111**

3. Water Recycling Funding Program (WRFP)

Recycled water projects may be eligible for CWSRF financing or general obligation bond-funded grants and loans through Prop 1 or Prop 68. WRFP loans from Prop 1 and Prop 68 have the same terms as CWSRF financing. WRFP grant assistance is allocated as described in Appendix G. Most WRFP funding has been committed and the remaining funding is expected to be committed in SFY 2021-22. DFA is required to reserve $16 million of Prop 68 grant funding for recycled water projects serving SDACs

Estimated Available WRFP funds for SFY 2021-22

Funding Type	Prop 13	Prop 1	Prop 68	Total
Planning Grant	$18.3	$0	$ 1.8	$20.1
Construction Grant	$0	$0.4	$21.6	$22
Construction Loan	$0	$3	$0	$3
Total	**$18.3**	**$3.4**	**$23.4**	**$45.1**

4. Other Funding

Stormwater Grant Program (SWGP) – Grants were awarded as part of the final solicitation in 2021. No funds remain.

Federal Sewer Overflow and Stormwater Reuse Municipal Grants Program – During SFY 2021-22, DFA expects to receive California's current allocation of approximately $7 million (from FFYs 2020 and 2021). The plan for administration of these funds to stormwater projects is outlined in section III.C.5.

Groundwater Grant Program (GWGP) – DFA anticipates co-funding eligible DAC projects on the Fundable List with GWGP funds in SFY 2021-22. Approximately $83 million in GWGP funds remain available for eligible DAC and severely DAC projects.

State Infrastructure Financing Authority WIFIA Program (SWIFIA) – DFA plans to submit a SWIFIA application for $500 million in Fall 2021. This SWIFIA loan would count against the leveraging ceiling established by the State Water Board, as a SWIFIA loan would be additional debt for the CWSRF Program, secured the same way as its

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revenue bonds. DFA would commit the funds as repayable CWSRF financing; applicants would not apply separately for SWIFIA funds.

American Rescue Plan – The American Rescue Plan was signed by President Biden on March 11, 2021 and includes $350 billion under the State and Local Fiscal Recovery Fund which can be invested in infrastructure, including water, sewer, and broadband services. Additional specifics on state allocations, funding requirements, and timing are expected in the coming months. It is unknown at this time whether these funds will be appropriated to the CWSRF Program.

G. Project Scoring & Fundable List

DFA recommends 12 as the Cut-Off Score, adding 21 projects to the Fundable List for a total of 73 scored projects. The Fundable List is included as Appendix B.

Additionally, all small SDAC, small DAC, and public health projects are considered automatically on the Fundable List upon submitting a complete application. For readability, all small SDAC and small DAC projects are shown on the Comprehensive List, which includes all projects with active applications. The Comprehensive List is included as Appendix C.

H. Programmatic Requirements

CWSRF requirements are substantially similar to those described in the SFY 2020-21 CWSRF IUP, with the late addition of a telecommunications provision by Congress and U.S. EPA last fall. As new provisions are made applicable by Congress or U.S. EPA, DFA will apply those requirements to funding decisions and agreements.

I. Other Activities

DFA is currently working with the Environmental Finance Center (EFC) at California State University, Sacramento on a program management review of California's CWSRF program. EFC has developed a draft Program Review Work Plan, in coordination with stakeholders and State Water Board staff, and expects to deliver a final report and recommendations in Fall 2021. The report will identify potential efficiencies, improvements, or enhancements that would accelerate review processing, and execution of loan agreements and disbursements.

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J. Schedule

Draft IUP posted for public comment	April 22, 2021
Informational Workshop/Webinar	April 29, 2021
Deadline for Public Comments on Draft IUP	May 24, 2021
Submit FFY 2021 Capitalization Grant application to U.S. EPA	June 1, 2021
State Water Board considers IUP for adoption at regularly scheduled meeting	June 15, 2021
Receive FFY 2021 Capitalization Grant agreement from U.S. EPA	September 2021

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I. INTRODUCTION

Water is one of the most essential natural resources in California. The State Water Resources Control Board (State Water Board) and the nine Regional Water Quality Control Boards (Regional Water Boards), collectively the Water Boards, protect and improve water quality in California through several regulatory and financial assistance programs.

The federal Clean Water Act (CWA) established the Clean Water State Revolving Fund (CWSRF) program to finance the protection and improvement of water quality. The CWSRF program has protected and promoted the health, safety, and welfare of Californians since 1989. Many of the projects funded by the CWSRF program address wastewater discharge violations or enforcement orders issued by the Regional Water Boards. Every project is directly related to protecting or improving public health, water quality, or both.

The State of California also periodically allocates funding to the State Water Board for financing programs that help protect and improve water quality. Many of these programs can be used in conjunction with the CWSRF program.

This Intended Use Plan (IUP) describes the State Water Board's plan for implementing the CWSRF and its complementary financing programs for State Fiscal Year (SFY) 2021-22.

A. Authority and Past Achievements

In 1987, the United States Congress and the President amended the CWA to replace the long-standing, federal Construction Grants Program (Title II) with the more flexible CWSRF program (Title VI). In 2014, Congress and the President approved the Water Resources Reform and Development Act of 2014 (WRRDA) changing the requirements and eligibilities in Title VI of the CWA. California's CWSRF program is authorized under California Water Code Sections 13475-13485 and operates pursuant to an Operating Agreement between the State Water Board and the United States Environmental Protection Agency (U.S. EPA) Region 9.

The CWSRF functions as an environmental infrastructure bank capitalized by federal and state funds – providing a sustainable source of funds for water quality protection and improvement. The CWSRF's capital and its earnings are used to provide financial assistance to a wide variety of water quality projects. States can target specific water quality problems, offer a variety of financing options, and customize terms to meet their water quality needs. Financing options include loans, refinancing debt, purchasing or guaranteeing local debt, and purchasing bond insurance[4].

Interest rates must be below the market rate. The repayment period is generally the lesser of 30 years or the expected useful life of the financed asset. Since 2009, federal

[4] Throughout this document, the word "loan" is used expansively and may include bonds, installment sale agreements, and other types of repayable financing.

CWSRF appropriations and California law have also authorized grants, negative interest rates, and principal forgiveness (PF) on a limited basis.

All 50 states and Puerto Rico are currently operating successful CWSRF programs. The total CWSRF financing nationwide exceeds $145 billion. California's CWSRF has grown since financing its first project in 1989 and has executed more than $11.9 billion in financial assistance agreements with over 363 unique recipients. The program has funded a broad range of projects. Approximately 97 percent (97%) of funds have been used for publicly owned wastewater infrastructure, and about three percent (3%) of funds have been used for nonpoint source or estuary projects.

B. Connections to Other Plans, Goals, and Programs

The CWSRF program supports the following goals from the State Water Board's most recent Strategic Plan Update

Goal 1: Implement strategies to fully support the beneficial uses for all 303(d) listed water bodies by 2030.

Goal 2: Improve and protect groundwater quality in high-use basins by 2030.

Goal 3: Increase sustainable local water supplies available for meeting existing and future beneficial uses.

Goal 4: Comprehensively address water quality protection and restoration, and the relationship between water supply and water quality, and describe the connections between water quality, water quantity, and climate change, throughout California's water planning processes.

Goal 5: Improve transparency and accountability by ensuring that State Water Board goals and actions are clear and accessible, by demonstrating and explaining results achieved with respect to the goals and resources available, by enhancing and improving accessibility of data and information, and by encouraging the creation of organizations or cooperative agreements that advance this goal, such as establishment of a statewide water data institute.

Goal 6: Enhance consistency across the Water Boards, on an ongoing basis, to ensure our processes are effective, efficient, and predictable, and to promote fair and equitable application of laws, regulations, policies, and procedures.

Goal 7: Ensure that the Water Boards have access to information and expertise, including employees with appropriate knowledge and skills, needed to effectively and efficiently carry out the Water Boards' mission.

The CWSRF program supports the four goals of the Water Resilience Portfolio (July 2020): maintain and diversify water supplies; protect and enhance natural

ecosystems; build connections and be prepared. The State Water Board is tasked as the responsible agency for 17 actions of which 8 actions require direct involvement from DFA.

The State Water Board administers several programs authorized by 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) and may have funding available from other bond measures and funding sources. Projects eligible for four Prop 1 programs administered by the State Water Board, (i) Small Community Wastewater, (ii) Water Recycling, (iii) Stormwater, and (iv) Groundwater Sustainability, are also potentially eligible for CWSRF funds. Projects eligible for other state sources of funds may also be eligible for CWSRF funds. The State Water Board manages its funding programs to maximize its ability to fund projects that support the State Water Boards' water quality goals and by coordinating CWSRF financing with the State Water Board's other funding sources.

In establishing the terms of this CWSRF IUP, the State Water Board considered Resolution No. 2016-0010, Adopting the Human Right to Water as a Core Value and Directing its Implementation in Water Board Programs and Activities and statewide policy set forth in section 106.3 of the Water Code. Specifically, Subdivision (a) declares it is the established policy of the State that "every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes." Subdivision (b) requires the State Water Board to consider this state policy when "revising, adopting, or establishing policies, regulations, and grant criteria when those policies, regulations, and criteria are pertinent to the uses of water."

Finally, the State Water Board also considered the objectives and requirements of the Comprehensive Response to Climate Change Resolution[5] during development of this IUP. The Climate Change Resolution describes near-term actions and policy changes to support the state's key climate priorities as identified in the AB 32 Scoping Plan, Safeguarding California Plan, and Water Resilience Portfolio.

C. IUP and Federal Guidance

This IUP contains elements required under federal law. The State Water Board will submit this IUP as part of its application package for the federal fiscal year (FFY) 2021 Capitalization Grant for the CWSRF program. The SFY 2021-22 IUP also serves as guidelines for the State Water Board's administration of Prop 1 and Prop 68 wastewater funds.

This IUP also establishes the State Water Board's business plan for California's CWSRF program for State Fiscal Year (SFY) 2021-22. It discusses DFA's approach and ability to successfully carry out that business plan with the available financial and programmatic resources. The IUP also discusses how DFA will operate the CWSRF program in conjunction with other financing programs, including, but not limited to,

[5] State Water Board Resolution No. 2017-0012

Prop 1, Prop 68, or sources of funding outside the State Water Board that may be used to jointly finance projects.

This IUP includes a forecast of the CWSRF cash flow and other funds available to the State Water Board (Appendix A) for the next several years and identifies projects (Appendix B – the Fundable List) the State Water Board anticipates financing in SFY 2021-22. This IUP also analyzes the effect these projects would have on the CWSRF's cash flow and other sources of funds if financed and includes performance measures to track the effectiveness of the CWSRF program.

The State Water Board will continue to implement the CWSRF and complementary financing programs consistent with applicable state and federal statutes, regulations, policies, and guidelines. These include, but are not limited to:

- The Policy for Implementing the Clean Water State Revolving Fund (CWSRF Policy) and funding guidelines related to any complementary financing sources;
- The Operating Agreement between the State Water Board and U.S. EPA;
- The Clean Water and Drinking Water State Revolving Funds Debt Management Policy (SRF Debt Management Policy) and agreements related to outstanding revenue bonds;
- The State Water Board's Clean Water and Drinking Water Capacity Development Strategy,
- U.S. EPA Interpretive Guidance regarding the WRRDA amendments;
- Any additional federal requirements in the 2021 budget appropriation, the 2021 Capitalization Grant agreement, and/or guidance from U.S. EPA.

The State Water Board or the Executive Director may amend this IUP, but only after the public and interested parties are given an opportunity to comment on the proposed amendment. The Executive Director, or designee, may update stakeholders during SFY 2021-22 on DFA's progress implementing this IUP and the current capacity of the CWSRF and its complementary programs to provide financing to applicants.

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II. WATER QUALITY FINANCING NEEDS

A. Clean Watersheds Needs Survey

California needs significant funding to achieve its clean water goals. The most recent Clean Watersheds Needs Survey in 2012 shows that California needs an estimated $26.2 billion for wastewater treatment and collection, wastewater recycling, and stormwater pollution prevention over the next 20 years. This includes an estimated $24.4 billion to update aging infrastructure.

The Clean Watersheds Needs Survey is required by U.S. EPA and is generally conducted every 4 years. U.S. EPA did not conduct a 2016 survey due to federal budgetary constraints. The next Clean Watersheds Needs Survey is expected to be conducted in 2022.

B. State Water Board Guidance

The CWSRF can fund a wide range of water infrastructure projects and may offer a variety of financial assistance types. The following are a few examples of CWSRF priorities that are being highlighted by the State Water Board:

1. Small and/or Disadvantaged Communities (DACs)

   On July 1, 2008, the State Water Board adopted Resolution No. 2008-0048 to assist small and/or DACs with their wastewater needs. Resolution No. 2008-0048 referred to a Small Community Wastewater Strategy, which was subsequently updated and expanded in the Spring of 2016 to incorporate public water systems and was renamed the Clean Water and Drinking Water Capacity Development Strategy (Capacity Development Strategy). The strategy provides an overview of the challenges facing these communities. Regarding wastewater, these include both failing septic systems and failing outdated and undersized wastewater treatment plants. Small and/or DACs generally have higher per capita costs. Disadvantaged (median household income [MHI] of less than 80 percent [80%] of the statewide MHI) and severely disadvantaged (MHI of less than 60 percent [60%] of the statewide MHI) small communities typically face the additional burden of lower household incomes. The result is higher, sometimes prohibitive, sewer and water rates. In 2017, the Drinking Water Capacity Development program, required by the Safe Drinking Water Act, was moved from DFA to the Division of Drinking Water (DDW). To preserve the distinction between the capacity development program implemented by DDW and the capacity development strategy implemented by DFA, the strategy implemented by DFA may be renamed the Small Community Capacity Development Strategy when it gets updated.

   The Office of Sustainable Water Solutions (Office) was statutorily established on March 27, 2015 and is part of DFA. The Office was created to promote permanent and sustainable drinking water and wastewater treatment solutions to ensure effective and efficient provision of safe, clean, affordable, and reliable drinking water

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and wastewater treatment services, focusing on addressing financial and technical assistance needs, particularly for small DACs. The Office provides low interest loans and grants utilizing state and federal funding sources. Funding for small and/or DACs is coordinated through the Small Community Wastewater (SCWW) Program described throughout this IUP.

2. Onsite Wastewater Treatment Systems (OWTS)

   On May 13, 2013, the Water Quality Control Policy for Siting, Design, Operation, and Maintenance of Onsite Wastewater Treatment Systems (OWTS Policy) became effective. The vast majority of the estimated 1.2 million onsite systems in California are properly sited, designed, operated and maintained, and are functioning in a satisfactory manner. The purpose of the OWTS Policy is to allow the continued use of OWTS, while protecting water quality and public health, and recognizes that responsible local agencies manage OWTS on a routine basis. The OWTS Policy establishes a statewide, risk-based, tiered approach for the regulation and management of OWTS installations and replacements and sets the level of performance and protection expected from OWTS. The OWTS Policy also discusses the procedures for local agencies to apply for CWSRF funds to establish local, low interest loan programs to assist OWTS owners with meeting the requirements of the OWTS Policy.

3. San Francisco Bay/Sacramento-San Joaquin Delta Estuary (Bay-Delta)

   Staff from the State Water Board and the Central Valley and San Francisco Bay Regional Water Boards coordinate the Water Boards' activities in the San Francisco Bay and Sacramento-San Joaquin River Delta (Bay-Delta). The Bay-Delta Team is charged with developing the Water Boards' short and long-term efforts for addressing impacts to the beneficial uses of water in the Bay-Delta. In December 2018, the State Water Board adopted a Bay-Delta Water Quality Control Plan for the lower San Joaquin River and Southern Delta. The State Water Board is in the process of developing and implementing updates to the Bay-Delta Water Quality Control Plan for the Sacramento River and tributaries, and the Central Valley and San Francisco Bay Regional Water Boards continue with their efforts to protect beneficial uses in the Bay-Delta watershed. The CWSRF program can help with these efforts by funding point source, nonpoint source and estuary projects such as:

   - Measures identified in Total Maximum Daily Loads;
   - Stormwater and dry weather runoff reduction from Municipal Separate Storm Sewer Systems;
   - Conservation measures to reduce sediment and non-point discharges;
   - Ammonia discharge reduction from publicly-owned treatment works (POTWs);
   - Urban and agricultural water use efficiency to reduce demands on the Delta and reduce runoff of pesticides to the Delta;
   - Implementation of non-point source projects under the state's Section 319 program;
   - Implementation of watershed projects;

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- Implementation of measures under the San Francisco Estuary Blueprint; and
- Measures to promote water conservation, efficiency, or reuse that can decrease demands on the Delta.

4. Sustainability and Climate Change

The State Water Board adopted Resolution No. 2008-0030 on May 6, 2008, emphasizing sustainability as a core value for all the Water Boards' activities and programs. Resolution No. 2008-0030 directed the State Water Board staff to take actions that may affect the CWSRF program such as:

- Promote recycled water use, water conservation, and low-impact development (LID);
- Assign a higher priority to climate-related and LID projects; and
- Coordinate with government agencies, non-profit organizations, and private sector businesses to enhance and encourage sustainable activities.

The State Water Board adopted Resolution No. 2017-0012 on March 7, 2017, outlining a comprehensive response to climate change for all the Water Boards' activities and programs. Resolution No. 2017-0012 directed the State Water Board staff to take actions that affect the CWSRF program IUP. Specifically:

- Include climate change mitigation and adaptation objectives in the IUP.
- Ensure that applications and environmental reviews for potential projects account for impacts related to climate change, including potential effects of climate change on the viability of funded projects.

On May 16, 2017, the State Water Board adopted an emergency regulation to implement provisions of the Sustainable Groundwater Management Act (SGMA). SGMA created a framework for sustainable, local groundwater management for the first time in California history, and requires the formation of local groundwater sustainability agencies (GSAs) in California's high- or medium-priority groundwater basins or the submittal of an alternative that demonstrates a basin is already sustainable. The CWSRF can potentially fund projects that would assist GSA's with achieving groundwater sustainability.

C. Application Demand

As of February 2021, the State Water Board had requests for CWSRF financing totaling more than $7.4 billion. The Comprehensive List in Appendix C includes all active funding requests submitted to DFA as of February 2021 and is used to identify potentially eligible projects for a Fundable List. Placement of a project on the Comprehensive List does not constitute a commitment to provide financing. The applications on the Comprehensive List represent a wide variety of project types from communities of various sizes throughout California.

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III. FUNDING CAPACITY AND DISTRIBUTION OF FUNDS

A. General Funding Approach

This IUP updates the Projects on the Fundable List (Appendix B) for SFY 2021-22. The Fundable List was updated to reflect those projects DFA believes will achieve the most favorable water quality results in California during SFY 2021-22 with the financial and programmatic resources available to the CWSRF and its complementary financing programs. DFA's goal is to execute financing agreements for all projects on the Fundable List by June 30, 2022.

All new applications from small SDACs, from small DACs, for estuary projects, and for public health projects, are fundable in accordance with this IUP[6]. All new small SDAC, small DAC or public health projects submitted after the development of the Fundable List in this IUP, that qualify as a priority project (Section III.D.2) and meet all other eligibility requirements, will be added to the Fundable List automatically when the applicant submits a complete application. DFA will periodically post an updated Comprehensive List on the CWSRF website which identifies those projects which are on the Fundable List. This updated Fundable List will include small SDAC, small DAC, and public health projects for which applications were received by DFA after the development of this IUP.

Other projects were added to the Fundable List as discussed in Section III.D. of this IUP. Projects that are not small SDAC projects, not small DAC projects, or public health projects, but are identified as fundable in this IUP may receive financing during SFYs 2020-21 and 2021-22. Projects where the applicant is not a small SDAC, not a small DAC, or the project does not address public health criteria and are not identified as Fundable are ineligible for financing unless otherwise directed by the State Water Board but may be eligible for financing in a future year.

Funding will be consistent with the CWSRF Policy[7], the SRF Debt Management Policy, the Operating Agreement, applicable federal and state statutes, regulations, and guidance, and any guidelines or requirements applicable to the complementary funding sources that may be used to fund a project separately or jointly with CWSRF funds.

In addition, funding will be consistent with the requirements of the program's Master Trust Indenture and associated bond documents to ensure compliance with Securities and Exchange Commission, Internal Revenue Service, and Municipal Securities Rule Making Board (MSRB) rules and regulations and ensure that all CWSRF revenue bonds are secure and repaid in full and on time.

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[6] Per Section IV.B.1.c.of the CWSRF Policy, all small SDAC, small DAC, and public health projects are considered fundable at any time. For simplicity, SDAC and DAC projects are not displayed on the Fundable List in Appendix B, but are included on the Comprehensive List in Appendix C.

[7] Please refer to Section IV.L. of this IUP for an important precaution regarding reimbursement of eligible construction costs.

The funds available to the CWSRF program during SFY 2021-22 generally consist of:

- Repayments of CWSRF principal and interest on past loans and investment earnings;
- Capitalization Grants from U.S. EPA, potentially including PF;
- Proceeds from potential future bond sales;
- Proceeds from a potential future SWIFIA loan from U.S. EPA.

A more detailed financial analysis is described in Section III.B.

The State Water Board's disbursement priorities for the CWSRF in order of importance during SFY 2021-22 will be:

- Liquidating any future revenue bond proceeds to meet applicable commitments and tax law requirements;
- Liquidating Capitalization Grants once awarded;
- Liquidating repayments and investment earnings; and
- Liquidating SWIFIA loan proceeds as needed.

The funding priorities in SFY 2021-22 will also be influenced by the complementary sources of funds available to the State Water Board. Specifically, these additional funding sources may include but not be limited to: (i) Prop 1, Prop 68, General Fund appropriations, and the Costa-Machado Water Act of 2000 (Prop 13) funds for SDAC and DAC wastewater, water recycling, stormwater, groundwater, and other authorized projects; (ii) PF funds; and (iii) Small Community Grant (SCG) funds provided through fees in lieu of interest.

DFA may sell revenue bonds to the extent authorized and approved by the State Water Board[8], regulate project commitment or cash disbursement levels, suspend project approvals, or do some combination of these actions to ensure prior commitments are fulfilled.

DFA submitted a Letter of Interest to SWIFIA on September 15, 2020 and was invited by U.S. EPA in November 2020 to submit a formal application. DFA plans to submit a SWIFIA application for $500 million in Fall 2021. This SWIFIA loan would be secured under the existing Master Trust Indenture and would count against the leveraging ceiling established by the State Water Board.

The State Water Board directs DFA to manage the CWSRF so that sufficient funds are available under all circumstances to meet the repayable financing needs of SDACs and DACs for wastewater projects.

Without restricting the approach described in this IUP, the Executive Director (or designee), should update the State Water Board members and the public at State

[8] On October 3, 2017, the State Water Board approved Resolution No. 2017-0057 increasing the leveraging ceiling for the CWSRF program from $1.2 billion to $2.2 billion bonds (par value). Currently, approximately $1.08 billion of the total (par value) is outstanding.

Water Board meetings or by other appropriate communications regarding the finances of the CWSRF and complementary financing programs. They should also recommend appropriate adjustments to this IUP or other changes in policy or procedure necessary to achieve the maximum water quality results in California.

General provisions applicable to financing projects in SFY 2021-22 may include, but are not limited to:

1. Best Use of Available Financing Sources and Terms

   DFA will consider the requirements associated with all available sources of funds and match up available funds with projects to achieve the maximum water quality benefit. This includes the use of reduced interest rates, match financing, partial financing, PF, the SCG Fund, other state sources of funds appropriated to the State Water Board, and other state and federal funding sources managed by other agencies, to the extent they are available and compatible with the State Water Board's funding, to maximize the financing of water quality projects.

2. Green Project Reserve (GPR)

   Based on the information currently available to DFA, the FFY 2021 appropriation is expected to require a minimum of 10 percent (10%) of the 2021 Capitalization Grant (or an estimated GPR of approximately $11 million) be provided to projects that meet the GPR criteria. To ensure that California meets or exceeds the minimum GPR requirement for SFY 2021-22, the State Water Board will prioritize the review and approval of GPR projects until the minimum is met. GPR projects must meet U.S. EPA's FFY 2012 Guidance or any subsequent guidance issued by U.S. EPA.

   As shown in Appendix B the CWSRF has significantly more GPR demand than the minimum GPR requirement anticipated in SFY 2021-22; therefore, the State Water Board does not plan to solicit additional GPR projects during SFY 2021-22.

3. Match Financing Option

   California is required to contribute at least one dollar of matching funds for every five federal dollars contributed to the CWSRF program. Section IV.H. provides a more detailed discussion of California's matching contribution to the CWSRF. Offering local match financing in accordance with Section V of the CWSRF Policy to CWSRF applicants, where the applicant provides the funds to match the federal grants, is one way California meets the match requirement. Other methods of providing match include state appropriations and match bonds. Currently there are no foreseeable state appropriations of matching funds and local match financing has not been sought by applicants due to the already low interest rate for standard CWSRF financing, which in recent years has been at an all-time low due to unprecedented market conditions. Given the current low interest rates on standard CWSRF loans, applicants that have committed to the match financing option at the time of scoring to obtain placement on the Fundable List will not be removed from the Fundable List if they reject the match financing option.

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To satisfy the state match requirement, the State Water Board authorized the CWSRF program on April 6, 2021 to borrow $50 million in state match funds from the California Infrastructure and Economic Development Bank. This loan is expected to close in SFY 2020-21.

4. Interest Rates

   a. Standard Rates

      The State Water Board's standard interest rate for CWSRF (repayable) planning financing is 50 percent (50%) of the rate obtained by the State Treasurer for California's most recent general obligation bond sale, rounded up the next highest 10 basis points. The standard repayment term for repayable planning financing is five or ten years, at the applicant's option.

      The State Water Board's standard interest rate for CWSRF (repayable) construction financing is 50 percent (50%) of the rate obtained by the State Treasurer for California's most recent general obligation bond sale, rounded up the highest 10 basis points. The standard repayment term for repayable construction financing is the lesser of 30 years or the useful life of the financed facilities.

   b. Short-Term Financing Incentive

      Applicants for CWSRF repayable construction financing will receive a 0.25% reduction to the standard interest rate in exchange for selecting a 20-year or lesser financing term rather than a 30-year financing term, but the resulting interest rate will not be less than zero percent.

   c. Adjustment for SDAC, DAC and Public Health Projects

      If the total amount of CWSRF financing to be repaid by an SDAC or DAC qualifying for SCWW funds (see Appendices D and E) or a public health project applicant is less than $10 million, and the community is unable to afford all or a portion of the interest payments, DFA may approve a reduced interest rate (not less than zero percent). The reduced interest rate will be lowered incrementally until the community is able to afford the loan and meet the debt service requirement. The interest rate will not automatically be lowered to zero.

   d. Adjustment for Nonpoint, Stormwater, and Estuary Projects

      If the total amount of CWSRF financing to be repaid by a non-point source, stormwater, or estuary management project applicant is less than $10 million, DFA may approve a reduced interest rate (not less than zero percent) if the applicant is unable to afford all or a portion of the interest payments.

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B. Recent Financing Activity[9]

From July 1, 2020 to March 1, 2021, the State Water Board has provided the following financing from the CWSRF and complementary financing programs.

Table 1: SFY 2020-21 CWSRF and Complementary Financing

	CWSRF	SCWW	WRFP	Totals
Number of Agreements[10]	6	13	11	**23**
$ of Agreements (in millions)	$120	$24	$98	**$242**

DFA estimates that cumulative, SFY 2020-21 financing by the CWSRF and complementary financing programs will be approximately $600 million.

CWSRF and complementary financing for the three previous years is shown in the table below.

Table 2: Recent CWSRF and Complementary Financing

SFY	Number of Agreements	$ of Agreements (in millions)
2017-18	64	$1,031
2018-19	18	$326
2019-20	50	$642

C. Financial Outlook

1. CWSRF Cash Flow[11] and Loan Funding Target

   Appendix A shows the forecasted cash flow (sources and uses) of the CWSRF program as of April 2021. Except for capitalization grants, the future cash flow of the CWSRF program can be predicted with reasonable certainty. The estimated cash flow includes:

   - The cash balance at the beginning of SFY 2020-21 (July 1, 2020);

[9] Historical CWSRF financing activity can be seen at http://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/docs/cwsrf/fncng_actvty.pdf. Prop 1 funding activity can be found at http://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1.shtml.

[10] Seven projects received funding from more than one source. Therefore, the number of unique financing agreements was 23.

[11] The overall cash flow includes the available PF funds.

- U.S. EPA capitalization grants[12];
- Principal and interest payments on outstanding receivables;
- Investment earnings;
- Matching funds;
- Disbursements to projects with executed financing agreements;
- Debt service payments;
- Estimated proceeds of potential leveraging in 2022 and 2023, and
- Program administrative costs

Including potential future leveraging, as authorized by the State Water Board, the CWSRF estimated year-end cash balances through June 30, 2026 generally range from $269 million to $537 million as seen in Appendix A.

The CWSRF's Municipal Advisor, in cooperation with DFA staff and stakeholders, has updated the CWSRF's lending capacity calculations. Given current capitalization and debt levels, and assuming conservative future capitalization, loan terms and earnings levels, and bond and coverage terms, the Municipal Advisor has concluded the CWSRF can operate at an estimated sustainable financing level of approximately $625 million per year. The capacity is the amount of new lending that could be done per year with the existing loan pool and new loans pledged to potential bonds. The annual capacity is a level amount that could be originated each 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. The Funding Target, for SFY 2021-22, will range from $540 million to $750 million in new financing. Future years' targets will be subject to refinement and revision as the conditions under which the CWSRF operates change.

2. CWSRF Principal Forgiveness (PF)

   Per the CWA, states have the option to select a PF level that ranges from zero percent to a maximum percentage established by the CWA. The maximum percentage is established by the total national appropriation for the CWSRF program each year[13].

[12] Based on the adoption of the federal budget for FFY 2021, the estimated FFY 2021 Capitalization Grant is $113 million. Future capitalization grants are conservatively estimated at $70 million per year.

[13] Per the CWA, if the national appropriation is equal to $1.0 billion or less, no optional PF is allowed. If the national appropriation is $1.3 billion or more, the maximum optional PF is 30%. If the national appropriation is between $1.0 and $1.3 billion, the maximum optional PF is equal to the percentage the national appropriation exceeds $1.0 billion; for example, if the national appropriation is $1.16 billion, the maximum optional PF is 16%.

Additionally, the FFY 2021 federal appropriation requires, as the federal appropriations have since FFY 2016, that a mandatory percentage of the capitalization grant be provided as PF. This mandatory amount is in addition to the optional allocation established by the CWA.

The State Water Board will provide the maximum amount allowed from the FFY 2021 Capitalization Grant as PF. Based on the information DFA has regarding the FFY 2021 appropriation, the maximum amount of PF allowed from the FFY 2021 Capitalization Grant is approximately $45 million.

The State Water Board will have approximately $90 million in PF to commit during SFY 2021-22, based on the existing balance as of March 24, 2021 plus the estimated PF from the FFY 2021 Capitalization Grant[14].

All PF from the FFY 2019, 2020, and 2021 Capitalization Grants will be available for the following:

- SDAC and DAC wastewater projects may receive PF consistent with the SCWW Program described in Section III.C.3 and Appendices D and E.
- Projects that implement a nationally designated estuary plan may receive PF up to 75 percent (75%) of eligible project costs. Cumulative PF shall not exceed $1 million per estuary plan area in any state fiscal year.
- Water or energy conservation assessments, audits, or planning may receive PF up to 100 percent (100%) of actual costs up to a maximum of $35,000 per project. DFA will process these applications provided that sufficient PF is available and doing so will not limit the availability of PF for an SDAC or DAC project. DFA estimates that the PF needed for water and energy audits is likely less than $200,000 per year.

3. Small Community Wastewater (SCWW) Program

This IUP specifies the grant amounts available for SCWW projects, and how the Prop 1, Prop 68, SCG Fee, and CWSRF requirements will be coordinated for projects receiving these funding sources. Due to limited grant/PF availability, the State Water Board will prioritize grant/PF for SCWW projects. Public health projects, projects that address violations of waste discharge requirements or National Pollutant Discharge Elimination System (NPDES) permits, projects that connect previously unsewered areas or join communities to regionalize wastewater treatment works, and other projects identified as priority by the Regional Water Quality Control Boards are considered priority for grant/PF funding (Priority Projects).

All SCWW funds authorized for SFY 2021-22, SCWW funds that become available from prior SFYs (e.g., any funds de-obligated from previously approved projects that finish under budget), and any SCWW funds appropriated in future years, will be

[14] The PF available during SFY 2021-22 may include PF from previously approved projects that finish under budget.

used consistent with Appendices D and E of this IUP until otherwise directed by the State Water Board.

In anticipation of the declining balance for SCWW projects, construction projects will be given priority for funding. No more than 10% of the funding available during a given fiscal year will be provided to planning projects, unless approved by the Deputy Director for good cause. To ensure that available funds are distributed to a large cross-section of communities throughout California, a single community may not receive cumulatively more than $12 million in SCWW grant/PF funds and Technical Assistance funding in any given five-year period. Grant/PF funds in 2021-22 will not be available for solar projects. However, DFA may approve a zero percent interest rate for solar projects for small SDACs and DACs.

Even if 100 percent (100%) grant/PF is approved for a project, the recipient is required to demonstrate financial capacity to operate and maintain the wastewater system. Where an applicant cannot demonstrate financial capacity to operate and maintain the wastewater system, it may be eligible for a planning grant if the scope of planning work assists in establishing the financial capacity to operate and maintain the system, including a proposed infrastructure project, in preparation for an eventual construction funding agreement. Examples of tasks that assist in establishing financial capacity include, but are not limited to, wastewater rate studies, budget development, Proposition 218 technical assistance, and capital improvement planning. For projects that address Regional Water Board Orders or public health threats, the Deputy Director may enter into a grant funding agreement with an applicant that is experiencing financial distress due to COVID-19 prior to the applicant's demonstration of the long term ability to operate and maintain its wastewater system, conditioned on the applicant's satisfactory demonstration of the ability to operate and maintain its wastewater system prior to the disbursement of any grant funds.

For the purposes of calculating rates as a percentage of MHI, service charges plus other costs specifically related to the wastewater system may be considered, including but not limited to, dedicated sales tax revenue, assessments, and fees. If a CWSRF-eligible wastewater project consists of improvements to the drinking water system, the drinking water rates and charges may be considered in addition to wastewater rates and charges. For systems serving small SDACs/DACs that do not charge monthly wastewater rates, including, but not limited to, migratory labor camps and mobile home parks, DFA may approve up to 100 percent (100%) grant up to a maximum of $6 million.

In evaluating grant/PF eligibility for a project, DFA will consider any wastewater-related settlement funds received by or due to the applicant. Pending or unrestricted funds must either be allocated to a capital improvement project related to the settlement or placed in a restricted account (e.g., escrow or other restricted account) reserved specifically for operation and maintenance of the portion of the system that removes or treats the contaminant. If neither of these options is available, a

condition of State Water Board funding will be that settlement funds are held in a capital reserve and/or emergency reserve account to help bolster the financial capacity of the system.

a. MHI Determinations

In general, the MHI determination will be based on the entire permitted service area of the Wastewater System. The MHI is determined using the Census geography that best represents the community (i.e. city/Census Designated Place [CDP] or block group). DFA utilizes the American Community Survey (ACS) data set to determine the MHI of a community. ACS data is updated annually using a five-year rolling average. New ACS data is utilized by DFA April 1st of each year. If the MHI cannot be determined due to unavailable ACS data or the available data is not considered representative based on consultation with Regional Board staff, an income survey may be conducted. An impartial third party must conduct an income survey in accordance with the current Multiagency Income Survey Guidelines.

In making DAC determinations, the State Water Board will consider whether the households benefitting from the project are primary homes. If a community includes secondary homes that are greater than 50 percent of the total number of dwellings, the community will not be considered a DAC. A community with between 25 percent and 50 percent secondary homes will be evaluated on a case-by-case basis to determine eligibility for grant or partial grant. Typically, permanent residents are those residing in the community at least six months out of the year; however, seasonal, migrant laborers can also be counted as permanent residents.

Wastewater systems that solely serve a K-12 public school are deemed to serve a SDAC, as the primary users are minor students with incomes below 60 percent (60%) of the statewide MHI. To determine grant eligibility, the total number of staff and students will be divided by 3.3 to determine the equivalent service connections. In the case of oversubscription, grants may be limited to Title I schools.

If a project will benefit a system that has industrial/commercial connections that account for greater than ten percent of the total water consumption, then grant/PF funding may be reduced for costs attributable to industrial/commercial use. In addition, project components that are solely for industrial/commercial use (e.g. water meters) are not grant/PF eligible.

b. SCG Fund

Section 13477.6 of the Water Code authorizes the SCG Fund. The SCG Fund allows the State Water Board to help finance communities with the most need in California, helping those that cannot otherwise afford a loan or similar financing to move forward with water quality improvements. The SCG Fund receives revenue generated by a fee on CWSRF financing agreements deposited into the SCG Fund

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separate from the CWSRF[15]. Other sources may also be appropriated to the SCG Fund, including general obligation bond funds available from Props 1 and 68 and residual general obligation bond funds (including those specifically identified in State Water Board Resolution No. 2013-004 that become available.)

All money deposited into the SCG Fund is provided in the form of grants to small SDACs and small DACs for CWSRF-eligible wastewater projects. State law requires the State Water Board to give grant priority to projects that serve small SDACs, defined as communities with an MHI of less than 60 percent (60%) of the statewide MHI.

The procedures for providing grants from the SCG Fund to small SDACs and small DACs are largely the same procedures used for standard CWSRF financing, specified in the CWSRF Policy. Projects that receive only state general obligation bond funds may be exempted by the Deputy Director from having to comply with certain federal cross-cutting requirements.

The State Water Board will apply an SCG fee-in-lieu of interest charge to additional eligible repayable financings in SFY 2021-22 at a rate that does not exceed the standard CWSRF interest rate. The SCG fee will be applied to generate sufficient revenue to meet the anticipated demand once Prop 1 grant funds are fully encumbered. The SCG fee will be collected in an amount that does not jeopardize the long-term growth of the CWSRF, the State Water Board's ability to leverage the CWSRF, or the State Water Board's ability to collect sufficient fee revenue to administer the CWSRF. The projected revenue and SCG Fund balances through June 30, 2022 are shown in Table 3 below. The ending balance does not account for existing commitments. $8 million in SCG funds will be available for wastewater projects during SFY 2021-2022.

Table 3: SCG Fund Balance

	Projected 7/1/20 – 6/30/21	Projected 7/1/21 – 6/30/22
Beginning Balance	$33,248,000	$32,333,165
Collected	$4,315,027	$3,845,966
Spent	$5,229,862	$5,000,000
End Balance	**$32,333,165**	**$31,179,131**

[15] Like the administrative service charge (see Section III.G.3. below), the SCG charge is also a fee "other than program income not included as principal in CWSRF financing" for federal purposes. The SCG charge is collected, as is the administrative service charge, in lieu of an equal amount of interest that would otherwise be due on the outstanding balance of the financing agreement so that the annual payment stays the same.

c. Proposition 1 and Proposition 68

Chapter 5 of Prop 1 allocated $260 million to the State Water Board for wastewater projects[16]. The California Legislature has appropriated $241.8 million to the State Water Board for grants to eligible SCWW projects. As of March 1, 2021, the State Water Board has executed approximately $238.0 million in Prop 1 funding for wastewater projects. At least 10 percent (10%) of the total SCWW funds available from Prop 1 will have been provided to SDACs. All Prop 1 SCWW funds are committed to SDAC and DAC projects.

Chapter 11 of Prop 68 allocated $220 million to the State Water Board for drinking water and clean water grants and loans. To date, all appropriated Prop 68 funds have been allocated for Drinking Water SDAC and DAC projects. If additional funds are appropriated to the State Water Board through this fund in the future, DFA may choose to administer those funds to eligible SCWW projects.

In addition to capital projects, DFA is authorized to direct up to 15 percent (15%) of the funds available from Prop 1 to a multi-disciplinary technical assistance (TA) program. The State Water Board adopted the Prop 1 TA Funding Plan on November 4, 2015. The Plan outlines the general process to administer Prop 1 TA funds. The TA efforts are focused on helping small DACs develop, fund, and implement capital improvement projects. This is a multidisciplinary approach, intended to address small DACs drinking water, wastewater, groundwater quality, and stormwater needs under one program.

d. CWSRF Principal Forgiveness (PF)[17]

The Deputy Director of DFA will make all PF from the FFY 2019, 2020, and 2021 Capitalization Grants available to SDAC and DAC wastewater projects consistent with the conditions and limitations in Appendices D and E during SFY 2021-22 to provide non-repayable financing to DAC and SDAC projects.

4. Water Recycling Funding Program (WRFP)

The State Water Board has authority to commit and spend all available Prop 1 and Prop 68 WRFP loan and grant funds during SFY 2021-22[18]. The WRFP guidelines

[16] Wat. Code, § 79723

[17] Under federal law, principal forgiveness may be provided to “a municipality or intermunicipal, interstate, or State agency” if the recipient meets the State’s affordability criteria, or if the project will address water or energy efficiency, mitigate stormwater runoff, or encourage sustainable project planning, design, and construction.

[18] This does not include Prop 1 loan repayments that may be used for future grants. Prop 1 loan repayments must be appropriated by the Legislature.

specify project eligibility for loans and grants and how to coordinate with CWSRF requirements for projects receiving funding from both sources.

As of March 1, 2021, the State Water Board has approximately $22 million in grant funds and approximately $3 million in loan funds available for WRFP construction projects. The State Water Board also has authority to commit approximately $20.1 million in planning grants.

Table 4: Anticipated WRFP Funds Available to Fundable List Projects ($ in millions)

Funding Type	Prop 13	Prop 1	Prop 68	Total
Planning Grant	$18.3	$0	$ 1.8	$20.1
Construction Grant	$0	$0.4	$21.6[19]	$22
Construction Loan	$0	$3	$0	$3
Total	**$18.3**	**$3.4**	**$23.4**	**$45.1**

This IUP specifies the grant limitations for WRFP projects. Although the Fundable List identifies projects that appear to be eligible for the available WRFP grant funds, additional projects on the Fundable List may also be eligible for a grant. WRFP grant funds will be awarded to projects as they are ready to proceed to a financing agreement until all WRFP grant funds are committed.

Any water recycling project also eligible for SCWW grant/PF funding may receive a combination of grant or PF funding, but the cumulative grant and PF may not exceed the per project maximums listed in Appendices D and E in the case of small SDACs and small DACs, and Appendix F for all others.

All WRFP funds available, including funds authorized for SFY 2021-22, funds that become available from prior SFYs (e.g., any funds de-obligated from previously approved projects that finish under budget), and any funds appropriated in future years, will be used consistent with Appendix F of this IUP until otherwise directed by the State Water Board.

Projects that receive only general obligation bond funds or other non-federally sourced funding may be exempted by the Deputy Director from having to comply with certain federal cross-cutting requirements.

5. Proposition 1 Stormwater Grant Program (SWGP)/Federal Sewer Overflow and Stormwater Reuse Municipal Grants Program

   Chapter 7 of Prop 1 allocated $200 million for multi-benefit stormwater management projects. Eligible projects may include, but are not limited to, green infrastructure, rainwater and stormwater capture, and stormwater treatment facilities. As part of the

[19] The amount shown in Table 3 includes $16 million of Prop 68 construction grant allocated for SDAC water recycling projects.

first solicitation in 2016, grants were awarded to 27 planning projects and 29 implementation projects. As part of the final solicitation in 2021, grants were awarded to 24 implementation projects.

America's Water Infrastructure Act (AWIA) of 2018 amended section 221 of the Clean Water Act, which authorized the Sewer Overflow and Stormwater Reuse Municipal Grants Program. A total of approximately $7 million will be available for California from FFYs 2020 and 2021. Grants will be awarded to states, and states will provide sub-awards to eligible entities for projects that address infrastructure needs for Combined Sewer Overflows (CSO), Sanitary Sewer Overflows (SSO), and stormwater management. Eligible entities include municipalities and municipal entities, as defined in 33 U.S.C. section 1362(4). States can prioritize funding based on one or more of the following criteria: applicants that are financially distressed communities, applicants that have begun implementing a long-term municipal CSO or SSO control plan and have implemented or are complying with an implementation schedule for the minimum controls specified in the CSO control policy referred to in 33 U.S.C section 1342(g)(1), or projects that have requested a grant in the CWSRF IUP. Projects under this program will have many of the same program requirements as the CWSRF and, to the extent there are sufficient eligible project applications, at least twenty percent must be used for green infrastructure, water and energy efficiency improvements, and other environmentally innovative activities.

DFA plans to utilize the limited funds available from FFYs 2020 and 2021 to assist projects that applied but were not funded as part of the final SWGP solicitation. These 43 proposals, totaling nearly $190 million in grant requests, were notified of the potential to receive federal grant funds if requirements of the new federal program can be satisfied. Once more specific guidance on program requirements is provided by U.S. EPA, those projects that expressed interest will be reviewed and prioritized for award by the DFA Deputy Director. If requests from interested projects exceed available grant funds, awards will be prioritized for financially distressed applicants based on the following affordability criteria:

- Priority 1: SDACs,
- Priority 2: DACs, and
- Priority 3: all other applicants[20].

Within each priority group, projects will be ranked per the scoring criteria from the final SWGP solicitation. If requests are insufficient to utilize the available federal grant funds, either because there is not enough interest, or because the interested

[20] For Priority 3 projects, consistent with 33 USC section 1301(c)(2), DFA will consider the extent to which the rate of growth of a community's tax base has been historically slow such that implementing a long-term municipal CSO or SSO control plan would result in a significant increase in any water or sewer rate charged by the community's publicly owned wastewater treatment facility.

projects are either not eligible or not ready to proceed, then DFA may direct the grant funds to eligible projects on the Fundable List.

Allocations for the federal program may increase significantly in future years. In anticipation of this, later in 2021, staff plan to implement an abbreviated application process to identify stormwater projects that may be eligible for these grant funds. This will likely become an annual process and is not limited to projects that applied for the final SWGP solicitation. It is anticipated that interested applicants will need to respond by approximately December 2021. The results of this process will inform the proposed approach for allocating grants during SFY 2022-23. If at the end of SFY 2021-22, grant funds from FFYs 2020 and 2021 remain unallocated to projects, DFA will plan to pool those funds with future allocation(s) and distribute accordingly.

Stormwater projects may also be eligible for CWSRF financing, and DFA will coordinate with applicants to address the applicable requirements of all relevant programs if applicants request funding from multiple sources.

6. Groundwater Grant Program (GWGP)

Groundwater Grant Program (GWGP) Chapter 10 of Prop 1 provides $670 million to the State Water Board for grants for projects to prevent or clean up the contamination of groundwater that serves or has served as a source of drinking water. Applicants are advised to review the Prop 1 GWGP Guidelines, which were updated in February 2021. Round 1 awards were completed in early 2018, for a total of $125 million awarded to approximately 25 projects. Round 2 awards were completed in late 2019, with $367 million awarded to 13 projects. The third and final solicitation is planned for 2021. Wastewater projects, including septic-to-sewer projects, that prevent or reduce groundwater contamination are potentially eligible for GWGP grants. GWGP funds will be administered consistent with Appendices D and E, except that: (1) GWGP funds may be available for projects benefitting SDACs and DACs with wastewater rates at least 1.5% of MHI, regardless of the number of service connections or population served, and (2) GWGP grants may be awarded in addition to grants or principal forgiveness awarded through the CWSRF/SCWW. DFA staff will coordinate with applicants to determine if projects meet the applicable requirements for GWGP funds.

7. Other Programs

The actions taken to address the current COVID-19 pandemic have had a dramatic economic impact on millions of Californians. The potential exists for additional state or federal stimulus funding for water infrastructure to aid in the economic recovery from the COVID-19 pandemic. The American Rescue Plan was signed by President Biden on March 11, 2021 and includes $350 billion under the State and Local Fiscal Recovery Fund which can be invested in infrastructure, including water, sewer, and

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broadband services. Additional specifics on state allocations, funding requirements, and timing are expected in the future.

Other sources of funds may become available to the State Water Board that are similar in nature to the CWSRF and its complementary funding sources. If additional funding becomes available during SFY 2021-22, the State Water Board will commit the funds consistent with any guidelines or requirements associated with their authorization and consistent with this IUP if appropriate. Alternatively, additional funding may require an amendment to this IUP or additional guidance from the State Water Board.

D. Project Scoring and Evaluation of Potential Cut-Off Scores

Forty-three (43) projects that were submitted by December 31, 2020, and are not automatically Fundable, were scored in accordance with Section IV.B of the CWSRF Policy for potential addition to the Fundable List. The Priority Scores for all new scored projects are shown in Appendix C. The 43 scored projects are requesting approximately $2.0 billion in funding.

An additional twenty-six (26) projects, requesting approximately $702 million, are considered by DFA to be inactive or non-responsive. DFA recommends that they be removed from this IUP. DFA recommends the removal of nine (9) projects from the Fundable List which have significant challenges to executing a funding agreement by June 30, 2022 and seventeen (17) projects from the Comprehensive List. These removed projects are identified at the ends of Appendices B and C.

Projects that are removed from the Fundable List must be re-scored for placement on the Fundable List in a future year, provided that Policy requirements for placement have been satisfied. Projects that are removed from the Comprehensive List may be placed on the Comprehensive List when their application status is considered active.

Public health projects, estuary projects, and small SDAC/DAC projects are automatically added to the Fundable List and are not scored. The requested total financing from these public health projects, estuary projects, and small SDAC/DAC projects was not included in this year's Cut-Off score scenarios when compared to the Funding Target Range.

1. Cut-Off Score Scenarios

   DFA compiled the Priority Scores and evaluated three Cut-Off Scoring scenarios, based on Section IV.B. of the CWSRF Policy, to help establish the Cut-Off Score and identify additions to the Fundable List for SFY 2021-22. The total estimated CWSRF repayable financing associated with each scenario is summarized in Table 5. The scenarios are described and evaluated in further detail below the table.

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Table 5: Cut-Off Scoring Scenarios – New Fundable Projects ($ in millions)

Scenario	Cutoff Score	# of New Fundable Projects	Estimated Total CWSRF Repayable Financing, M[21]	Comments
A	14	5	$64	Estimated Total Repayable Financing is less than the Funding Target Range of $540 to $750 million.
B	13	12	$145	Estimated Total Repayable Financing is less than the Funding Target Range.
C	12	21	$720	The estimated Total Repayable Financing is within the Funding Target Range.

a. Scenario A – Cut-Off Score = 14

One project received a Priority Score of 15 and four projects received a Priority Score of 14. These five projects are requesting approximately $64 million in financing. Selecting a Cut-Off Score of 14 would result in adding new projects to the Fundable List with an estimated total financing amount below the Funding Target Range.

b. Scenario B – Cut-Off Score = 13

There are 7 projects with a Priority Score of 13. Therefore, if 13 is selected as the Cut-Off Score, 12 projects will be added to the Fundable List. These 12 new projects are requesting approximately $145 million in financing, which is below the Funding Target Range.

c. Scenario C – Cut-Off Score = 12

An additional 9 projects received a Priority Score of 12. Therefore, if 12 is selected as the Cut-Off Score, 21 projects will be added to the Fundable List. These 21 new projects are requesting approximately $720 million in financing. Fully funding all projects with a Priority Score of 12 or higher is within the Funding Target Range for SFY 2020-21. Adding 21 additional scored projects to the Fundable List is similar to the number of projects added to the SFY 2020-21 Fundable List.

[21] Note that although a number of the scored projects are listed as being partially funded with WRFP grant and loan funds, for this analysis DFA has assumed that no WRFP funds will be available for the new projects because the amount of WRFP funds requested by the rollover projects on the Fundable List exceeds the available WRFP grant and loan funds. Therefore, DFA expects that only CWSRF repayable loans will be available for new water recycling projects being added to the Fundable List this year.

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2. Recommended Cut-Off Score and the Updated Fundable List

DFA recommends the selection of 12 as the Cut-Off Score (Scenario C) for adding new projects to the Fundable List.

DFA also considered increasing funding to 12 projects that were partially CWSRF funded in past years. Past IUPs stated that funding amounts could be potentially increased in a future IUP. If funding were increased to the 12 partially funded projects rather than adding new projects, they would continue to be partially CWSRF funded and additional funding would not result in additional water quality benefits. Scenario C adds projects to the Fundable List and increases water quality benefits produced by the CWSRF program. Additionally, the 12 partially funded projects have obtained the remaining financing needed to fully fund the projects.

There is a significant carry over of scored Fundable List projects from the SFY 2020-21 Fundable List (52 projects requesting approximately $2,671 million in CWSRF loan funds). Although funding 21 projects in a year is less than the long-term average, adding 21 new projects to the Fundable List at this point would bring the total number of scored projects on the Fundable List to 73. This is in addition to approximately 114 small SDAC/DAC projects, one estuary project, and one public health project that are automatically eligible for placement on the Fundable List[22]. DFA remains committed to clearing the backlog of rollover projects and meeting its goal to execute agreements for all projects on the Fundable List by June 30, 2022.

DFA recommends the removal of nine projects from the Fundable List which have significant challenges to executing a funding agreement by June 30, 2022. These removed projects can be scored for placement on a future year's Fundable List, provided that Policy requirements for placement have been satisfied. The nine projects are included in Appendix B.

Appendix B shows the scored segment of the Fundable List for SFY 2021-22 [23] and the rollover projects from the SFY 2020-21 Fundable List. It includes the associated, estimated costs requested by the applicants by anticipated funding source for applications under Scenario A. The applications on the Fundable List are organized into Groups based on the State Water Board's due diligence reviews. Projects within each Group are sorted by Region and then alphabetically by Applicant.

[22] Small SDAC and small DAC projects are automatically added to the Fundable List once a complete funding application has been submitted.

[23] Water and energy conservation assessments, audits, or planning applications eligible for 100 percent (100%) PF up to $35,000 are Fundable at any time provided they submit a complete application, meet all applicable eligibility requirements, and that sufficient PF is available as noted in Section III.C.2 above. Water and energy conservation assessments, audits, or planning applications do not need to appear on the Fundable List to be eligible.

Consistent with Section III.A. above, all small SDAC and small DAC projects are automatically added to the Fundable List, provided they submit a complete application, qualify as a SDAC/DAC priority project, meet all other eligibility requirements, and sufficient funds are available to make the project affordable. All scored projects on the Fundable List in the SFY 2020-21 IUP that have not received an executed financing agreement as of February 2021 have been rolled over and remain on the Fundable List, unless identified for removal. Projects subject to scoring in this IUP with a Priority Score of 12 or greater (Scenario C) have also been placed on the Fundable List and will be fundable during SFY 2021-22 provided they meet all eligibility requirements[24].

All projects on the Fundable List are fundable at any time during SFY 2021-22 provided they meet all eligibility requirements. Projects may receive a financing agreement as soon as it is determined the application meets all eligibility requirements. DFA will review the applications on the Fundable List with the objective of executing agreements quickly and efficiently, giving priority to SDACs, DACs, and public health projects, so that all applications on the Fundable List have executed agreements by June 30, 2022.

Note: Placement on the Fundable List does not constitute a financing agreement, a guarantee of financing, a guarantee of the order of financing, a guarantee that sufficient funds from the anticipated sources of funds will be available for the project, or a determination of eligibility. Neither do position on the Fundable List, estimated agreement date, nor anticipated funding sources guarantee funding, order of funding, funding timing, funding amount, or eligibility.

The Fundable List only includes applications that are fundable during SFYs 2021-22, and a financing agreement will be executed only if the application meets all applicable eligibility requirements.

SDAC, DAC, and public health projects will be added to the Fundable List automatically. Therefore, Appendix B is not a limitation on financing SDAC and

[24] The amounts on the Fundable List for projects or interrelated programs that are recommended for partial repayable funding are maximum CWSRF repayable amounts. The total for each project or interrelated program may be allocated or reallocated to multiple financing agreements at the request of the applicant as long as the total CWSRF funding does not exceed the total on the Fundable List for the project or interrelated program. The Deputy Director of DFA is authorized to coordinate or limit the cash draws for projects or interrelated programs identified for partial funding to limit the collective impact of these financing agreements on the CWSRF. The Deputy Director of DFA is also authorized to coordinate or limit the cash draws for projects or interrelated programs identified for funding with a combination of the CWSRF and DWSRF to control the impact of these financing agreements on those programs. Each applicant recommended for partial funding appears capable of obtaining the remaining financing necessary to successfully complete the projects or interrelated programs.

DAC projects. Any SDAC and DAC projects may receive funding during SFY 2021-22, provided they submit complete applications and meet all applicable eligibility requirements, and provided that sufficient funds are available.

The State Water Board expects DFA to expeditiously finance the projects on the Fundable List. The Deputy Director of DFA is authorized to remove non-SDAC or non-DAC projects from the Fundable List if the applicant is non-responsive to DFA's request for information or consultation after notifying the applicant and giving the applicant a reasonable opportunity to respond, or is otherwise unwilling to execute an agreement in SFY 2021-22. Applicants removed from the Fundable List by the Deputy Director may be placed on the SFY 2022-23 Fundable List, provided that Policy requirements for placement have been satisfied.

E. Financing Forecast

The SDAC and DAC projects on the Fundable List are requesting approximately $459 million. As discussed in Section III.C.2. above, there are approximately $111 million in grant and PF funds available to reduce the financing costs for SDACs and DACs. The available grant and PF funds are insufficient to fulfill all the grant and PF requests from the SDAC and DAC projects on the Fundable List. There are sufficient CWSRF loan funds for all SDAC and DAC projects, and no additional leveraging would be needed to provide all SDAC and DAC projects with necessary loan funds. Therefore, DFA anticipates that all available grant and PF funds will be committed to small SDAC and small DAC projects by June 30, 2022.

The non-SDAC/DAC projects on the Fundable List, composed of rollover projects and new scored projects, represent a potential commitment of repayable CWSRF financing totaling approximately $3.4 billion for 73 projects. Some of the non-SDAC/DAC applications on the Fundable List are eligible for WRFP grant and loan funds. As noted earlier there are approximately $25.0 million in WRFP grant and loan funds for water recycling projects. The projects on the Fundable List that appear to be eligible for these funds are requesting in excess of $65 million. Therefore, DFA anticipates that all available WRFP grant and loan funds can and will be committed by June 30, 2022 with a combination of eligible water recycling projects on the Fundable List.

The actual level of new financing discussed in this IUP may be higher or lower than the amount predicted by the Fundable List, and some projects on the Fundable List may remain unfinanced by the end of SFY 2021-22. Some projects may be financed in a future year or not at all for various reasons.

F. Future Financing Trends

Demand for CWSRF loan financing remains high as indicated by the Comprehensive List, and DFA expects the demand to remain high in the future given the CWSRF's attractive terms and the large water related infrastructure needs in California as noted in Section II.A. Although the level of CWSRF financing was below average in SFY 2018-19 and 2019-20 due to the implementation of the state's new accounting system, FI$Cal, DFA's focus during SFY 2020-21 has been on executing agreements

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for all rollover projects to clear the backlog and normalize the pace of financing. CWSRF financing in SFY 2020-21 appears to be below average due to interruptions related to the COVID-19 global pandemic.

Given the recent lower level of new commitments, disbursement levels are expected to hold steady or slightly decrease in the short term as past commitments are liquidated. Therefore, the current leveraging limit of $2.2 billion appears sufficient for the immediate future, and DFA does not expect to request a leveraging limit increase for the CWSRF during SFY 2021-22. Although the current leveraging authority appears sufficient, additional leveraging authority may be needed in the future to finance projects on the Fundable List. The exact amount and timing of any additional leveraging, over and above the current limit of $2.2 billion, will continue to be evaluated and will continue to depend on the total costs of the projects financed, the timing of the approvals, and the timing of disbursement requests.

In addition, the costs identified in Appendix B are estimated project costs that may be higher or lower than estimated. Additional CWSRF debt may be necessary for projects in the future depending on DFA's success executing applications on the Fundable List by June 30, 2022. Future cash flow forecasts - considering actual lending and disbursements, future capitalization grants, and earning levels - will determine the need for additional leveraging and may affect future lending levels. Potential increases in future leveraging authority will be consistent with the SRF Debt Management Policy.

DFA is aware of the potential for additional state or federal stimulus funding for water infrastructure to aid in the economic recovery from the COVID-19 pandemic. However, even if additional funding were to be approved, any significant impending federal or state CWSRF capitalization would likely not be appropriated until after the start of the CWSRF's fiscal year, making planning in the draft IUP difficult with any certainty. DFA will continue to monitor fiscal developments at the state and federal levels, and amend the IUP or recommend other action to the State Water Board as needed to reflect the availability of additional capital for the CWSRF or the availability of complementary sources of funding.

Consistent with this IUP, the CWSRF Policy, and available staff resources, DFA will continue to accept and review documents related to applications that are not on the Fundable List, as well as continue to accept and review new documents, time permitting, to develop applications that can be scored and funded in future years.

G. CWSRF Resources and Workload

1. Organization, Program Resources, and Skills

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Approximately 50.2 Personnel Years (PYs) are budgeted for the CWSRF program[25] in SFY 2021-22 and the number of positions is not expected to change substantially. These positions are distributed between DFA and the Office of Chief Counsel (OCC) as follows:

- 4.5 PYs for Environmental Scientists to ensure compliance with state and federal environmental and cultural resources requirements (DFA);
- 16.3 PYs for Water Resources Control Engineers and Sanitary Engineers to manage project applications (DFA), with one unit of approximately five staff dedicated to processing wastewater applications from SDACs and DACs[26]
- 14.8 PYs for administrative support (DFA);
- 11.3 PYs for Program management and staff oversight (DFA);
- 3.0 PYs for legal support (OCC); and
- 0.3 PYs for other environmental and engineering support of project eligibility reviews

Additional indirect cost support is provided by accounting, personnel, budget, and contract support staff in the Division of Administrative Services.

The CWSRF program relies on some contracted services that (i) cannot be provided economically by Water Boards staff, (ii) require skills not available in the State Water Boards, or (iii) require independence from the CWSRF program. Approximately $940,000 is budgeted for the following contract services:

- Independent accounting firm for an annual audit of the financial statements;
- Outside legal counsel for specialized tax and bond advice;
- Vendor to provide maintenance for the Loans and Grants Tracking System (LGTS); and
- Independent Municipal Advisory
- Department of General Services for a historic context study for the CWSRF and Drinking Water State Revolving Fund (DWSRF) programs to streamline compliance with Section 106 of the National Historic Preservation Act

[25] In addition to positions funded directly by the CWSRF, the State Water Board has other state-funded positions associated with complementary programs closely aligned with the CWSRF as noted earlier. Many projects, such as SDAC and DAC wastewater, water recycling, and storm water projects may be financed by a combination of CWSRF and state sources of funds. Staff is trained to help applicants receive financing for their projects regardless of the funding sources; therefore, state-funded positions indirectly provide benefit to the CWSRF program and vice versa.

[26] These CWSRF staff members are part of the Office of Sustainable Water Solutions within DFA, which includes two supervising engineers, six senior engineers, and 32 technical staff dedicated to processing applications from SDACs and DACs.

2. Loan Servicing and Program Administration

Servicing existing agreements and fulfilling ongoing program requirements represents a significant workload for the CWSRF staff. There are approximately 402 CWSRF agreements in repayment. Payments on these agreements are collected throughout the year, and DFA conducts regular surveillance on many of these recipients. At present, the CWSRF is servicing approximately 116 agreements in disbursement. Typically, staff process over 450 CWSRF disbursement requests per year. Staff also oversee and perform periodic construction inspections of financed projects to ensure that work is performed consistent with previous approvals, and to ensure that work is being performed in conformance with program requirements, including but not limited to, Davis-Bacon wage rates, American Iron and Steel procurement requirements, disadvantaged business solicitation rules, and environmental special conditions.

The CWSRF program's outstanding revenue bonds require separate accounting of payments from pledged obligations, semi-annual bond payments, and create specific monitoring, reporting, and continuing disclosure actions. The CWSRF program prepares annual financial statements that are audited independently. The CWSRF program is subject to yearly review by U.S. EPA and is periodically subject to audit or oversight by other federal or state agencies.

3. Administrative Funding

Administrative funding for the CWSRF comes from two sources, the capitalization grants awarded yearly by U.S. EPA and the State Water Pollution Control Revolving Fund Administrative Fund (Administrative Fund). Administrative spending for the CWSRF is limited to fees collected by the State Water Board for administering the CWSRF, plus the greatest of: (a) four percent of cumulative Capitalization Grants, (b) $400,000 per year, or (c) 0.20 percent per year of the current valuation of the CWSRF program. Section 13477.5(c)(1) of the California Water Code allows the State Water Board to apply an annual service charge[27] on a financing agreement. The revenue generated by this service charge goes into the Administrative Fund and may be used for administration. The Administrative Fund and the capitalization grants provide reliable administrative funding to the CWSRF program.

Under state law, the service charge rate cannot exceed one percent (1%) of the outstanding balance of a financing agreement. Once the service charge is applied to an agreement, the rate remains unchanged for the duration of the agreement. Since the service charge is a percentage of the outstanding principal on each agreement, it

[27] For federal purposes, the Administrative Fund service charge is a fee "other than program income not included as principal in CWSRF financing." The service charge is collected in lieu of an equal amount of interest that would otherwise be due on the outstanding balance of the financing agreement. The service charge is offset by the reduction in the interest rate so that financing recipients' payments remain the same whether or not they pay the service charge.

produces a declining amount of revenue each year. Each year, the State Water Board must evaluate the need for the service charge revenue and establish an appropriate rate. The service charge will then be applied to additional agreements to maintain the Administrative Fund revenue consistent with the administrative budget established by the Governor and the Legislature for the CWSRF.

The State Water Board will use the Administrative Fund as its primary source of administrative funding for the CWSRF. The Administrative Fund can only be used for CWSRF program administration, while the administrative allowance from the capitalization grants may be used for administration, local assistance, or a combination of the two. The federal administrative allowance serves as a backup source of administrative funding. If cash flow conditions warrant in SFY 2021-22, the State Water Board will disburse 100 percent (100%) of its federal capitalization grants for local assistance. The authority to spend the administrative allowance from the 2021 Capitalization Grant will be retained for potential use in future years.

For SFY 2021-22, the State Water Board continues the Administrative Service charge rate of one percent; this shall be the effective rate until the State Water Board establishes a different rate.

Based on the budgeted positions for the program for SFY 2021-22 and the projected Administrative Fund balances through June 30, 2022, (Appendix G), which are declining because of decreasing existing fee-in-lieu of interest payments, the State Water Board anticipates applying this charge to additional agreements during SFY 2021-22. The State Water Board also anticipates applying this charge to additional agreements in SFY 2021-22 because of declining Prop 1 SCWW and Prop 1 Water Recycling administration funds and the need to continue supporting the administration of projects jointly funded by Prop 1 and CWSRF.

H. Risks

The following are financial or programmatic risks to the CWSRF program. DFA management will focus on identifying potential problems and acting early to maintain the integrity and success of the CWSRF program.

1. Application Demand vs. Resources

   Demand for financing exceeds the administrative resources needed to review, approve, and finance all complete applications. Staff resources are the most inflexible aspect of the CWSRF program. Additional staff cannot be quickly added to address high demand because they must be approved through the State's budget process. In addition, hiring may be frozen or work hours reduced due to State budget or other concerns. DFA will prioritize applications consistent with this IUP and the CWSRF Policy. DFA may also adjust its review procedures and work with U.S. EPA or other agencies to resolve delays, schedule financing with applicants, or seek additional resources. DFA can also work with stakeholders to evaluate changes to the CWSRF Policy or further adjustments to its application and the application review process. DFA is currently working with the Environmental Finance

Center (EFC) at California State University, Sacramento on a program management review of California's CWSRF program. EFC has developed a draft Program Review Work Plan, in coordination with stakeholders and State Water Board staff, and expects to deliver a final report and recommendations in Fall 2021.

2. Applicants' Schedule Changes or Delays in Executing Agreements

   Beneficial and eligible projects may not be financed if the applicants' schedules change or are delayed. To minimize and avoid delays, CWSRF program staff will coordinate regularly with applicants identified in this IUP, and with others that submit applications during the year, to maintain a consistent demand on the program. As project schedules shift, lower priority projects may be funded if they are ready for financing, bearing in mind the PF and GPR requirements established in this IUP. This funding flexibility maximizes the use of the CWSRF and increases the number of projects funded.

   Beneficial and eligible projects may not be financed if DFA encounters delays completing its reviews of the applications. To minimize and avoid delays, CWSRF program staff will coordinate its internal review efforts regularly during the year to expeditiously complete its reviews and maintain consistent progress toward the goal of executing agreements for all projects on the Fundable List by June 30, 2022.

   As delays are encountered, other projects on the Fundable List should continue to move forward, bearing in mind the PF and GPR requirements established in this IUP and the amount of leveraging authority approved by the State Water Board. This funding flexibility maximizes the use of the CWSRF and increases the number of projects funded.

   After financing is approved, the recipient must start and complete construction promptly. Applicants are required by their financing agreements to report delays to DFA staff so that appropriate action can be taken to address those delays.

3. Cash Balance

   The amount of disbursements requested may exceed the CWSRF's cash balance. DFA staff will maintain accurate account balances and prepare forecasts regularly to identify potential cash shortages in advance. If additional cash is needed, the CWSRF has several options. The CWSRF program has considerable assets it can leverage through revenue bond sales in the municipal bond market to obtain additional cash. The State Water Board can prioritize or limit new commitments or potentially negotiate disbursement schedules with applicants. The CWSRF program can also investigate alternative financing (e.g., providing bond insurance) to reduce cash outlays.

   Excess cash may accumulate if applications, and the associated disbursements, are too low. Holding excess cash provides no water quality benefit for California and tends to reduce the CWSRF's earnings. DFA will use its marketing, customer assistance, and project development resources to maintain a pipeline of projects

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ready for financing. It will closely monitor undrawn balances on outstanding financing agreements to ensure that financing recipients request funds expeditiously.

4. Defaults and Late Payments

   Pursuant to the CWSRF Policy and the Operating Agreement, DFA will implement prudent lending standards and borrower surveillance practices that safeguard the CWSRF program's equity. The State Water Board also typically contracts with a professional Municipal Advisor to provide additional financial expertise.

   The CWSRF program has many tools to reduce the risk of default, including loan monitoring and surveillance, as well as enforcement remedies. For example, DFA collects and reviews audited financial statements of all borrowers for the first five years of repayment and may request audited financials for some borrowers for longer periods of time. DFA has an agreement with independent accounting firm CliftonLarsonAllen to audit select borrowers identified as having a higher risk of experiencing financial difficulties. These audits can be conducted to evaluate the financial and management capacities of an entity and provide recommended solutions. The State Water Board will also continue to provide SCWW funds in SFY 2021-22 to reduce debt service and default risk for SDACs and DACs or projects that regionalize wastewater infrastructure.

   Additional subsidies for SDACs and DACs will reduce borrowing costs and the risk of loan defaults. Additionally, the State Water Board can offer wastewater-related TA to SDACs and DACs in areas such as evaluating project alternatives, financial management, rate setting, and operation and maintenance.

5. Accountability and Oversight

   The CWSRF is capitalized with public funds, and the State Water Board is responsible for using them lawfully and effectively.

   The State Water Board regularly reports to U.S. EPA through the National Information Management System (NIMS) and the CWSRF Benefits Reporting (CBR) system on use of the funds. In addition, U.S. EPA reviews the management and performance of the CWSRF annually. The results are summarized in its annual Program Evaluation Reports. The CWSRF program produces an annual report and audited financial statements.

   Additional actions are required of the State Water Board staff to comply with provisions of the Internal Revenue Code applicable to the CWSRF outstanding bond debt. The CWSRF program's Post-Issuance Tax Compliance Policy for Tax-Exempt Bond Issues provides further detail about actions required of the program's staff to help ensure that its bonds remain exempt from federal income taxes. Additional reporting is required by the program's Continuing Disclosure Agreement; information on the program's bonds can be found on the Electronic Municipal Market Access system maintained by the Municipal Securities Rulemaking Board.

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DFA staff will continue to oversee projects to ensure that they meet the terms of the financing agreements by conducting periodic site visits during construction or implementation. All projects are subject to a “Final Project Inspection,” and a final summary report is submitted on each project to confirm that it was completed. DFA maintains copies of inspection and final summary reports in the project files.

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IV. FINANCING AND PROGRAMMATIC REQUIREMENTS

A. Davis-Bacon Requirements

Federal Davis-Bacon prevailing wage rules apply to the construction of treatment works "carried out in whole or in part with assistance made available by a State water pollution control revolving fund." The State Water Board, therefore, will continue to require that applicants for treatment works projects comply with Davis-Bacon rules. Recipients of CWSRF financing must agree to provide information necessary to show compliance with Davis-Bacon requirements.

B. Generally Accepted Accounting Principles (GAAP)

The CWA requires that recipients of CWSRF financing maintain project accounts in accordance with generally accepted government accounting standards, including standards relating to the reporting of infrastructure assets. Recipients must agree to comply with GAAP. For governmental entities, the Government Accounting Standards Board establishes these standards. The State Water Board, therefore, will require as a condition of financing that governmental applicants maintain project accounts in accordance with generally accepted government accounting standards.

C. Cost and Effectiveness Analysis

Effective October 1, 2015, the CWA requires CWSRF recipients that are municipal, inter-municipal, interstate, or State agencies to certify they have conducted a cost and effectiveness analysis. This analysis includes an evaluation of the costs and effectiveness of the proposed project, and selection of a project that, to the maximum extent practicable, maximizes the potential for energy conservation, and efficient water use, reuse, recapture, and conservation, considering construction, operation and maintenance, and replacement costs. This certification must be provided before CWSRF assistance is provided for final design or construction.

D. Procurement for Architectural and Engineering (A/E) Contracts

Beginning with the FFY 2015 Capitalization Grant, the CWA requires that A/E contracts for equivalency projects (i.e., CWSRF-financed projects specifically identified by DFA that total an amount at least equal to the capitalization grant from U.S. EPA) comply with the qualifications-based procurement process described in 40 United States Code section 1101 et seq. or an equivalent state requirement. For all equivalency projects, these procurement requirements apply to any CWSRF-funded A/E contracts[28], including any new solicitation, significant contract amendments, and contract renewals for A/E services initiated on or after October 1, 2014.

Potential equivalency projects for the FFY 2021 Capitalization Grant are identified in

[28] A/E contracts include but are not necessarily limited to those for program management, construction management, feasibility studies, preliminary engineering, design, engineering, surveying or mapping.

Appendix B. Equivalency projects will be required to certify that A/E contracts were procured in accordance with federal guidelines or the equivalent state process.

E. Fiscal Sustainability Plan (FSP)

The CWA requires CWSRF recipients for publicly-owned treatment works (POTW) projects to develop and implement an FSP, which includes an inventory and evaluation of critical assets, evaluation and implementation of water and energy conservation efforts, a plan for maintaining, repairing, and replacing the treatment works, and a plan for funding such activities. Applicants can self-certify that the FSP, or its equivalent, has been developed and implemented, or for applicants without an FSP, or its equivalent, the CWSRF financing agreement will include a condition setting a deadline for FSP certification, which must be prior to the final CWSRF disbursement for the project. FSPs will typically be reviewed during the final inspection.

F. American Iron and Steel (AIS)

The CWA requires CWSRF assistance recipients, absent an exclusion or waiver, to use iron and steel products that are produced in the United States for treatment works projects. U.S. EPA implementation of these provisions is described on its State Revolving Fund American Iron and Steel (AIS) Requirement website.

G. Federal Cross-Cutters and Environmental Reviews

Projects funded by CWSRF must comply with certain federal laws known as "cross-cutters." The State Water Board will ensure that CWSRF financing recipients comply with applicable federal cross-cutter requirements, as identified to the State Water Board in the federal capitalization grant.

CWSRF financing agreements include a list of applicable federal statutes and requirements identified in the most recent capitalization grant. CWSRF financing recipients agree to comply with these federal requirements by signing the financing agreement.

The State Water Board will use its State Environmental Review Process (SERP) to ensure compliance with CWSRF environmental requirements during SFY 2021-22. While the SERP generally follows the requirements of the California Environmental Quality Act, each recipient must also complete and submit an Environmental Package and associated supporting documents. The State Water Board staff will review environmental documents received from applicants to ensure completeness/adequacy and determine if consultation with relevant federal agencies is necessary, consistent with the Operating Agreement between the State Water Board and the U.S. EPA, as well as the SERP.

In addition to the federal requirements discussed in paragraphs A through F in this section, the State Water Board requires compliance with Disadvantaged Business Enterprise (DBE) requirements for CWSRF financing, except planning and design

financing[29]. It also requires that CWSRF funding recipients comply with federal audit requirements (Uniform Grant Guidance, 2 CFR, § 200(f)).

The State Water Board will use the Federal Funding Accountability and Transparency Act (FFATA) reporting system to report on all equivalency projects, i.e., projects that meet all of the federal cross-cutting requirements that have a combined assistance amount equal to or greater than the capitalization grant amount.

H. Capitalization Grant Conditions and Other Federal Requirements

The State Water Board will comply with all conditions included in the 2021 Capitalization Grant agreement. Provisions specific to the FFY 2021 appropriation will take effect only if the State Water Board receives the FFY 2021 Capitalization Grant and will apply only as directed by Congress or U.S. EPA. The State Water Board will require that CWSRF financing recipients also comply with applicable federal pass-through requirements. Recipients of CWSRF financing must agree to provide information necessary to show compliance with all applicable federal requirements.

I. Payment and Draw Schedules

Appendix H shows the State Water Board's requested payment schedule for the 2021 Capitalization Grant funds from the U.S. Treasury and the estimated draws of the 2021 funds and the CWSRF remaining federal funds ("unliquidated obligations").

J. State Match and Cash Draw Ratio

The State Water Board must provide one dollar of match for each five dollars received through U.S. EPA capitalization grants. Cumulatively, the State Water Board's CWSRF Program has been awarded approximately $3.21 billion in capitalization grants as of December 31, 2020, that must be matched. The total matching requirement, therefore, through the FFY 2021 Capitalization Grant is approximately $661.3 million. The CWSRF program has already provided a total of $638.5 million in matching funds as of June 30, 2020. By May 1, 2021, the State Water Board expects to have borrowed $50 million in state match funds from the California Infrastructure and Economic Development Bank. This combined state match funding will provide remaining match funds for the FFY 2020 Capitalization Grant and new match funds for the estimated FFY 2021 and 2022 Capitalization Grants. Based on a projected FFY 2021 Capitalization Grant of approximately $113 million and a disbursement proportionality of 83.34% / 16.66% (Federal/State), the 2021 state match requirement is anticipated to be $22.6 million. However, the State Water Board anticipates disbursing the entire state match for the FFY 2021 Capitalization Grant prior to drawing funds from the grant. Therefore,

[29] Planning and design financing agreements may be funded using the proceeds of capitalization grants to provide PF for water, energy, and sustainable planning and design. DFA does not intend to apply DBE requirements to such agreements, or to other agreements that do not finance POTWs, but will ensure DBE compliance for all other construction and implementation projects totaling an amount at least equivalent to the capitalization grant from U.S. EPA.

the State Water Board will be able to draw 100% of the FFY 2021 and use the remaining state match for the FFY 2022 Capitalization Grant.

K. Types of CWSRF Assistance and Financing Terms

The State Water Board will provide funding for all eligible categories of projects using loans, installment sale agreements/purchase of debt. The State Water Board will also provide separate planning, design, or planning and design financing during SFY 2021-22 to small SDACs and DACs and those projects specifically identified for planning, design, or planning and design financing on the Fundable List provided the applicants can legally accept such financing.

Principal forgiveness, if available, will be provided to those applicants that meet the conditions specified in Section III.C.2 above.

The terms associated with CWSRF financial assistance vary by applicant and financing approval date. Planning and design financing is amortized over five or ten years, at the discretion of the applicant, unless it is restructured at the time a CWSRF construction or implementation financing agreement is executed. Construction or implementation financing agreements are generally amortized for periods up to 30 years or the useful life of the financed assets, whichever is shorter. The interest rate applied to a financing agreement is established at the time the financing agreement is prepared for approval or financing is approved by the State Water Board. The interest rate will generally be one-half of the State's most recent general obligation bond rate rounded up to the nearest one-tenth of a percent, except as described in Section III.A.4 above. Construction costs incurred prior to approval of financing may be reimbursable. However, no construction costs may be reimbursed until all eligibility requirements are met and a final budget has been approved in accordance with an executed financing agreement and the CWSRF Policy.

L. Other State Requirements

Other state laws not specific to the CWSRF may also apply. These may include but are not limited to laws affecting urban water suppliers, charter cities, agricultural water users, projects located in the Sacramento-San Joaquin Delta, labor regulations, prevailing wages, and debt reporting.

Although the CWSRF Policy authorizes reimbursement of eligible construction costs for projects on the Fundable List going back to the notice to proceed date for the project, applicants should note that **CONSTRUCTION COSTS INCURRED BEFORE EXECUTION OF A FINANCIAL ASSISTANCE AGREEMENT ARE AT THE APPLICANT'S RISK.** Various factors may restrict reimbursement of costs incurred prior to execution of a funding agreement, including, but not limited to failure of the applicant to adopt a satisfactory reimbursement resolution, appropriations limits of funding sources, and other factors. **Further, starting construction before the State Water Board has completed its environmental review may render the project ineligible for funding.** Additionally, changes to laws or requirements that occur prior to execution of a financial assistance agreement may affect some or all funding eligibility.

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For all loans, the applicant will be expected to submit a resolution authorizing the transaction prior to execution of the agreement by DFA.

M. Timely and Expeditious Expenditure

The State Water Board will ensure timely and expeditious expenditure of all funds during SFY 2021-22. This IUP establishes as a goal during SFY 2021-22 to overcommit cash and undrawn federal grant funds to continually disburse 100 percent (100%) of those funds less a minimum cash balance of $25 million plus any assets restricted for other uses, (i.e., bond payments and administration). The State Water Board will continue to use and refine its existing procedures. These procedures are designed to quickly identify and approve projects, execute financing agreements, and disburse funds to recipients. As of March 26, 2021, the State Water Board has disbursed 92.9 percent (92.9%) of all federal grants awarded. These results are consistent with recent trends and indicate that the State Water Board can quickly and productively use federal funds once awarded.

N. Cross-Collateralization

The State Water Board will continue to implement cross-collateralization between the CWSRF and the DWSRF loan programs as necessary to support the goals and objectives of the State Water Board as documented in the Operating Agreement between the California State Water Resources Control Board and the United States Environmental Protection Agency Region IX for Activities and Functions in Managing the State Water Pollution Control Revolving Fund Program, as amended March 2019.

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V. OUTCOMES, GOALS, ACTIVITIES, AND MEASURES

A. Sound Finances

The State Water Board, the CWSRF program's stakeholders, and the owners of CWSRF bonds expect the CWSRF to be financially sound.

Long-Term Goals:

1. **Maximize non-restricted and restricted cash flows**: For maximum benefit, CWSRF disbursements of non-pledged assets should equal non-restricted receipts, less a minimum balance necessary to meet six month's forecasted disbursements. Disbursement of pledged receipts should ensure timely and full payment of all bond payments and reserve requirements. Excess pledged receipts should be periodically evaluated to determine if they should be used to originate a new pledged loan or released from the lien of the Master Indenture.

2. **Use revenue and capital effectively**: California faces significant water quality needs. The CWSRF repayment stream is sizeable, and the CWSRF program continues to receive new capital from U.S. EPA. The CWSRF program's net position may make additional debt to finance water quality projects feasible and desirable. Additional debt, though, should be consistent with the *SRF Debt Management Policy* and the federal requirement to maintain the CWSRF in perpetuity.

3. **Maintain financial integrity**: Financial integrity is a core value of the CWSRF program. Effective internal controls ensure that the program's finances are dependable and trustworthy. Prudent lending practices and reasonable interest rates ensure the stability and continued growth of the CWSRF program.

Key Short-Term Activities:

1. **Prepare and review cash management reports regularly**: Ensuring that sufficient cash is available to fulfill project disbursement requests, make bond payments, fulfill reserve requirement, if necessary, and pay for other program expenses requires careful and regular oversight of the cash flows. (*Completed quarterly*)

2. **Continue regular staff level finance/audit coordination meetings**:

    a. Review cash flow forecasts of existing and potential commitments and upcoming expenses to assess the CWSRF program's ability to meet its commitments and to evaluate the need for leveraging or other actions to regulate cash outflows. (*Completed quarterly*)

    b. Compare actual performance with target performance measures. (*Completed quarterly*)

    c. Review audit issues, program control issues, and plan for upcoming audits. (*Completed quarterly*)

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3. **Apply for and accept FFY 2021 Capitalization Grant**: The 2021 Capitalization Grant application will be formally submitted to U.S. EPA after approval of this IUP by the State Water Board. For 2021, a capitalization grant application will be submitted for $150 million[30] in federal assistance. (*Complete July 2021*)

4. **Maintain compliance with the *SRF Debt Management Policy***. (*Ongoing Annually*)

5. **Prepare Annual Report and Audited Financial Statements for 2020-21**. *(Complete October 30, 2021)*

6. **Maintain bond compliance:** 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. (*Ongoing Through the Year*)

Performance Targets and Measurements:

1. Total executed financing agreements > 120 percent (120%) of federal grants.

2. Disbursement rate = 100 percent (100%) of available funds less minimum six-month's disbursement balance and restricted funds.

3. Federal funds disbursement rate = 100 percent (100%) of federal payments.

4. Default ratio = 0.

B. Fund the Most Beneficial Projects

The CWSRF program has finite funds and resources. These limitations require the State Water Board to prioritize so that the most pressing water quality problems are addressed first.

[30] This number is preliminary, and subject to change. The FFY 2021 capitalization grant application will be submitted for a higher amount ($150 million) than the estimated grant award to avoid amending this IUP and resubmitting the application should the actual award be greater than the currently estimated capitalization grant of $113 million. If the actual 2021 grant award is less than the grant application, then the award can be made by U.S. EPA without the State Water Board submitting an amended IUP and grant application.

Long-Term Goals:

1. **Achieve compliance statewide with water quality objectives**.

2. **Achieve sustainable water resource management consistent with the Human Right to Water.**

3. **Finance infrastructure that will achieve or maintain compliance with federal and state water quality requirements**: Support the **Water Resilience Portfolio**, and **U.S. EPA's Strategic Plan**, Goal 1 (Core Mission), Objective 1.2 (Provide for Clean and Safe Water).

4. **Assist with the State Water Board's Plan for California's Nonpoint Source Pollution Control Program and Estuary Comprehensive Conservation and Management Plans**.

5. **Invest in small SDACs and small DACs disproportionately affected by pollution and water contamination consistent with the Capacity Development Strategy**.

6. **Support the State's greenhouse gas reduction and climate adaptation goals to the maximum extent practicable consistent with State Water Board Resolution No. 2017-0012.**

Key Short-Term Activities:

1. **Provide funds for high-priority projects**: Appendix B, the Fundable List, identifies projects that the CWSRF program anticipates funding in SFY 2021-22 that support the Water Boards' and U.S. EPA's priorities along with their expected executed agreement dates.

2. **Adopt the SFY 2021-22 IUP**: The SFY 2021-22 IUP will guide marketing and assistance efforts targeting the Water Board and U.S. EPA's highest priorities in SFY 2021-22. (*Complete June 2021*)

3. **Report activities supporting the Water Resilience Portfolio, State Water Board's *Strategic Plan*, and U.S. EPA's Strategic Plan in the CWSRF Annual Report, CBR, NIMS, and the FFATA Reporting System**. (*Completed annually*)

Performance Targets and Measurements:

1. Fund utilization rate (U.S. EPA Program Reporting Measure WQ-17 Fund Utilization) > 105 percent (105%) of available funds.

2. Execute financing agreements for 100 percent (100%) of projects with complete applications listed on the Fundable List, Appendix B of this IUP, by June 30, 2022.

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3. At least 25 percent (25%) of the number of projects executed during SFY 2021-22 should assist SDACs or DACs.

4. FFY 2021 funds committed as PF = maximum allowed by 2021 appropriation.

5. Percentage of FFY 2021 funds committed to GPR projects > minimum GPR percentage established by FFY 2021 appropriation.

C. Efficient Service, Up-to-Date Policies and Procedures, and Recognizable Products

Applicants have several choices for their financing needs. The CWSRF program should attract high-value projects that support the policies and goals of the State Water Board.

Long-Term Goals:

1. **Provide good customer service with a special emphasis on assisting SDACs and DACs**.

2. **Ensure that the application forms and review procedures are clear, flexible, up-to-date, and efficient**.

3. **Clearly communicate to applicant their statuses and expectations for funding**.

4. **Ensure staff is well trained and ready to help applicants resolve technical, legal, environmental, and financial issues needed to receive financing**.

5. **Develop an electronic disbursement request submittal system:** 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.

Key Short-Term Activities:

1. **Coordinate internally for efficient program implementation:** Continue regular internal coordination meetings to identify and resolve delays affecting applications on the Fundable List, coordinate and prioritize application reviews, and ensure all projects with complete applications on the Fundable List receive an executed agreement by June 30, 2022. (*Completed monthly*)

2. **External CWSRF Program review to improve program management efficiency:** 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*)

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Performance Targets and Measurements:

1. Execute financing agreements for all projects with complete applications identified on the Fundable List by June 30, 2022.

2. Fulfill 100 percent (100%) of complete disbursement requests in 45 days or less[31].

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[31] Disbursement fulfillment time is the time from receipt of a complete disbursement request to warrant date.

VI. SCHEDULE

The estimated schedule for public comment and State Water Board adoption of the SFY 2021-22 IUP, and the applications, awards, and acceptance of the 2021 Capitalization Grant is as follows:

Draft IUP posted for public comment	April 22, 2021
Informational Workshop/Webinar	April 29, 2021
Deadline for Public Comments on Draft IUP	May 24, 2021
Submit FFY 2021 Capitalization Grant applications to U.S. EPA	June 1, 2021
State Water Board considers IUP at regularly scheduled meeting	June 15, 2021
Receive FFY 2021 Capitalization Grant agreements from U.S. EPA	September 2021

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VII. ACRONYMS

A/E	Architectural and Engineering
AIS	American Iron and Steel
ARRA	American Recovery and Reinvestment Act of 2009
CalEPA	California Environmental Protection Agency
CBR	Clean Water State Revolving Fund Benefits Reporting
CFR	Code of Federal Regulations
CWA	Clean Water Act
CWSRF	Clean Water State Revolving Fund
DAC	Disadvantaged Community
DBE	Disadvantaged Business Enterprise
DFA	Division of Financial Assistance
EFC	Environmental Finance Center
FFATA	Federal Funding Accountability and Transparency Act
FFY	Federal Fiscal Year
FI$CAL	Financial Information System for California
FSP	Fiscal Sustainability Plan
GAAP	Generally Accepted Accounting Principles
GPR	Green Project Reserve
GWGP	Groundwater Grant Program
IUP	Intended Use Plan
LGTS	Loans and Grants Tracking System
LID	Low Impact Development
MHI	Median Household Income
NIMS	National Information Management System
OCC	Office of Chief Counsel
PF	Principal Forgiveness
POTW	Publicly Owned Treatment Works
PY	Personnel Years
SCG	Small Community Grant
SCWW	Small Community Wastewater
SERP	State Environmental Review Process
SFY	State Fiscal Year
SWGP	Stormwater Grant Program
SWIFIA	State Infrastructure Financing Authority WIFIA Program
TA	Technical Assistance
U.S. EPA	United States Environmental Protection Agency
WIFIA	Water Infrastructure Finance and Innovation Act
WRFP	Water Recycling Funding Program
WRRDA	Water Resources Reform and Development Act of 2014

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VIII. APPENDICES

APPENDIX A: Current Sources and Uses of the CWSRF[32]

	Projected SFY 2020-21	Projected SFY 2021-22	Projected SFY 2022-23	Projected SFY 2023-24	Projected SFY 2024-25
Beginning Balance	**$907,117,728**	**$537,910,536**	**$409,620,234**	**$269,373,458**	**$287,466,392**
Estimated Principal Payments + Interest Earnings	**$523,899,564**	**$305,707,186**	**$307,338,639**	**$296,989,605**	**$288,367,407**
Estimated SMIF[33]Interest Earnings	**$1,500,000**	**$1,500,000**	**$1,500,000**	**$1,500,000**	**$1,500,000**
Federal Capitalization Grants Received[34]	**$113,653,000**	**$113,637,000**	**$70,000,000**	**$70,000,000**	**$70,000,000**
SWIFIA Financing[35] (Estimate)	**$0**	**$500,000,000**	**$0**	**$0**	**$0**
CWSRF Revenue Bond Debt Service	**($138,406,425)**	**($138,972,200)**	**($139,991,250)**	**($136,794,275)**	**($126,762,150)**
SWIFIA Debt Service	**$0**	**$0**	**$0**	**$0**	**$0**
Administration Allowances[36]	**($940,000)**	**($700,000)**	**($700,000)**	**($700,000)**	**($700,000)**
Estimated Disbursements[37]	**($868,913,332)**	**($909,462,287)**	**($378,394,165)**	**($212,902,396)**	**($25,289,038)**
Estimated Year-End Balances[38]	**$537,910,536**	**$409,620,234**	**$269,373,458**	**$287,466,392**	**$494,582,611**

	SFY 2020-21	SFY 2021-22	SFY 2022-23	SFY 2023-24	SFY 2024-25

[32] Forecast dated April 2021. These amounts are preliminary and subject to change.

[33] SMIF means Surplus Money Investment Fund.

[34] These numbers include a final amount for the FFY 2020 Capitalization Grant that the State Water Board received from U.S. EPA on September 22, 2020. The amounts for all grants after FFY 2020 are estimated. The forecasted capitalization grants are listed in the aggregate amounts. Principal forgiveness, if available, is included in the aggregate grant amount in the forecast.

[35] DFA submitted a Letter of Interest to SWIFIA on September 15, 2020 and was invited by U.S. EPA to submit a formal application in November 2020.

[36] Amounts reflect budgeted contract services for administration of the CWSRF program. See Section III.G.3. (Administrative Funding) for further discussion.

[37] Estimated disbursements are a forecast of the cash disbursements for projects with executed financing agreements. The estimated cash disbursements include the local match credits on past projects that used match financing. Local match credits are contributions made by financing recipients in exchange for using match financing; match credits are used to meet the federal capitalization grants matching requirement.

[38] Estimated Year End Balances represent a running total based on the previous year's ending balance.

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Estimated Yearly Cash Flows[39]	**($369,207,193)**	**($128,290,301)**	**($140,246,776)**	**$18,092,934**	**$207,116,219**

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[39] Estimated Yearly Cash Flows represent the projected difference between revenues and capitalization grants (inflows) and disbursements and expenses (outflows) for each year, and do not include the previous year's ending balance. Positive numbers indicate that inflows are projected to be greater than outflows for that year. Negative numbers indicate that outflows are projected to be greater than inflows for that year.

APPENDIX B: CWSRF Project Financing Forecast for SFY 2021-22 – Fundable List for Scored Projects

Sort Order: Regional Board, Agency, Priority Score, Project Number

Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
A	2	8600-110	Association of Bay Area Governments	Oro Loma Horizontal Levee - Advancing New Designs for Resilience and Water Quality Improvement	$999,532	$0	$0	$999,532	$0	$0	$999,532	N/A		$0	
N/A	2	8238-110	Burbank Sanitary District	Scott Street and Backyard Easements Sanitary Sewer Rehabilitation Project	$5,064,000	$5,064,000	$0	$0	$0	$0	$5,064,000	2006-0003-DWQ		$0	
N/A	2	8489-110	Central Contra Costa SD	Solids Handling Facilities Improvements, DP 7348	$173,105,000	$0	$173,105,000	$0	$0	$0	$173,105,000	CA003764 8	Yes	$0	
N/A	2	8502-110	Daly City, City of	Vista Grande Drainage Basin Improvement Project	$62,889,860	$0	$62,889,860	$0	$0	$0	$62,889,860	CAS 612008		$0	
12	2	8499-110	Milpitas, City of	City of Milpitas Recycled Water Pipeline Extension	$61,217,000	$0	$61,217,000	$0	$0	$0	$61,217,000	R2-1995-0117		$61,217,000	W

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Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
N/A	2	8524-110	Oro Loma Sanitary District	Sewer Collection System Pipeline Rehabilitation and Replacement Project	$25,000,000	$0	$25,000,000	$0	$0	$0	$25,000,000	CA003786 9		$0	
13	2	8588-110	Oro Loma Sanitary District	Sewer Collection System Pipeline Rehabilitation and Replacement 2 Project	$25,000,000	$0	$25,000,000	$0	$0	$0	$25,000,000	CA009786 9		$0	
N/A	2	8377-110	Palo Alto, City of	Regional Water Quality Control Plant Discharge Infrastructure Improvements	$11,760,000	$0	$11,760,000	$0	$0	$0	$11,760,000	CA003783 4		$0	
N/A	2	8417-110	Palo Alto, City of	Advanced Water Purification System (AWPS) 1 MGD Project	$22,353,000	$0	$22,353,000	$0	$0	$0	$22,353,000	CA003783 4		$0	
N/A	2	8490-110	Palo Alto, City of	Regional Water Quality Control Plant Primary Sedimentation and Electrical Upgrade	$17,484,044	$0	$17,484,044	$0	$0	$0	$17,484,044	CA003783 4		$0	
12	2	8609-110	Palo Alto, City of	Secondary Treatment Upgrades	$168,658,977	$0	$168,658,977	$0	$0	$0	$168,658,977	CA003783 4		$0	

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Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
N/A	2	8258-110	Richmond, City of	Wastewater Treatment Plant Critical Improvements Project	$50,000,000	$50,000,000	$0	$0	$0	$0	$50,000,000	CA003853 9	Yes	$0	
N/A	2	8517-110	Ross Valley Sanitary District	FY 2019-20 Gravity Sewer Improvements, Butterfield/Arroyo-Kenrick	$4,562,500	$0	$4,562,500	$0	$0	$0	$4,562,500	2006-0003-DWQ		$4,562,500	W
N/A	2	8286-110	San Francisco, Public Utilities Commission of the City & County of	CWWSIPSE02 SEP New Headworks (Grit) Replacement	$358,630,542	$13,118,200	$98,917,981	$0	$0	$0	$112,036,181	CA003766 4	Yes	$0	
N/A	2	8297-110	San Mateo-Foster City Public Financing Authority	The San Mateo Clean Water Program - Wastewater Treatment Plant	$440,000,000	$0	$137,456,000	$0	$0	$0	$137,456,000	CA003754 1	Yes	$0	
N/A	2	8264-110	Silicon Valley Clean Water	Conveyance and Treatment Reliability Improvements Project	$266,789,165	$0	$59,605,263	$0	$0	$0	$59,605,263	CA003836 9		$0	

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Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
N/A	2	8264-210	Silicon Valley Clean Water	Conveyance and Treatment Reliability Improvements Project - Front of Plant- Receiving Lift Station, Headworks, Influent Connector Pipe, Front of Plant Civil Site Work	$164,725,526	$0	$51,631,579	$0	$0	$0	$51,631,579	CA003836 9		$0	
N/A	2	8264-710	Silicon Valley Clean Water	Conveyance and Treatment Reliability Improvements Project - San Carlos Pump Station Demo	$122,848,032	$0	$57,763,158	$0	$0	$0	$57,763,158	CA003836 9		$0	
12	2	8483-110	Sunnyvale, City of	Secondary Treatment and Dewatering Facilities	$215,096,000	$0	$215,096,000	$0	$0	$0	$215,096,000	CA003762 1	Yes	$0	
N/A	2	8498-110	Union Sanitary District	Standby Power Generation System Upgrade Project	$32,120,000	$0	$32,120,000	$0	$0	$0	$32,120,000	CA003786 9		$0	
14	2	8573-110	Vallejo Sanitation & Flood District	Vallejo Mare Island Pump Station 3W Effluent Bypass	$23,000,000	$0	$23,000,000	$0	$0	$0	$23,000,000	CA005391 1		$0	

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Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
N/A	2	8293-110	West County Wastewater District	WPCP and Collection System Improvements - Phase I	$18,050,000	$0	$18,050,000	$0	$0	$0	$18,050,000	CA0038539		$0	
12	2	8293-120	West County Wastewater District	WPCP and Collection System Improvements - Phase II	$16,606,154	$0	$16,606,154	$0	$0	$0	$16,606,154	CA0038539		$0	
N/A	3	8366-110	Carpinteria Valley Water District	Carpinteria Advanced Purification Project	$16,400,000	$0	$16,400,000	$0	$0	$0	$16,400,000	CA0047364		$16,400,000	W
N/A	3	8440-110	El Paso de Robles, City of	Paso Robles Recycled Water Distribution System	$19,414,000	$0	$19,414,000	$0	$0	$0	$19,414,000	CA0047953		$19,414,000	W
N/A	3	8185-210	Morro Bay, City of	Water Reclamation Facility Project	$66,604,638	$0	$45,490,486	$0	$16,114,152	$5,000,000	$66,604,638	CA0047881		$83,991,016	W
13	3	8508-110	Santa Barbara, City of	El Estero Wastewater Treatment Plant Electrical Distribution Renewal Project	$30,188,647	$0	$30,188,647	$0	$0	$0	$30,188,647	CA0048143		$0	
13	3	8602-110	Santa Barbara, City of	Braemar Lift Station Rehabilitation Project	$7,430,411	$0	$7,430,411	$0	$0	$0	$7,430,411	CA0048143		$0	

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Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
N/A	3	8436-110	Santa Cruz County Sanitation District	Valencia Creek Sewer Relocation Project	$1,393,000	$0	$1,393,000	$0	$0	$0	$1,393,000	CA004819 4		$0	
15	3	8578-110	Santa Ynez Community Services District	Horizon Drive Mainline Extension	$800,000	$0	$800,000	$0	$0	$0	$800,000	CA010561 9		$0	
N/A	4	8154-110	Los Angeles County Sanitation District No. 2	Carson JWPCP - Effluent Outfall Tunnel Project	$636,150,000	$0	$127,230,000	$0	$0	$0	$127,230,000	CA005381 3	Yes	$0	
N/A	4	8063-110	Los Angeles, City of	DCTWRP Advanced Water Purification Facility	$266,000,000	$0	$266,000,000	$0	$0	$0	$266,000,000	CA005622 7	Yes	$0	W
A	4	8018-210	Malibu, City of	Malibu Civic Center Water Treatment Facility Phase 2	$45,000,000	$0	$45,000,000	$0	$0	$0	$45,000,000	R4-2015-0051		$0	
N/A	4	8433-110	Oxnard, City of	City of Oxnard Treatment Plant Rehabilitation Projects	$66,700,000	$0	$66,700,000	$0	$0	$0	$66,700,000	CA005409 7		$0	
N/A	4	8501-110	Sanitation Districts of Los Angeles County	216th Street Replacement Trunk Sewer Phase 2	$12,830,500	$0	$12,830,500	$0	$0	$0	$12,830,500	CA005381 3		$0	

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Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
14	4	8577-110	Santa Paula, City of	City of Santa Paula Advanced Water Treatment Facility	$15,154,000	$0	$15,154,000	$0	$0	$0	$15,154,000	R4-2018-0022		$0	
N/A	4	8114-110	West Basin Municipal Water District	Recycled Water Supply for Palos Verdes Golf Course	$7,308,400	$0	$7,308,400	$0	$0	$0	$7,308,400	CA003853 9		$7,308,400	W
14	5	8584-110	Amador County	Buena Vista Landfill WMU-1 Final Cover Reconstruction and Class II Surface Impoundment Expansion and Liner Replacement	$1,800,000	$0	$1,800,000	$0	$0	$0	$1,800,000	R5-2018-0020		$0	
12	5	8446-110	Biggs-West Gridley Water District	Infrastructure Modernization and Canal Operations Decision Support	$734,364	$0	$734,364	$0	$0	$0	$734,364	Pendi ng		$0	
12	5	8507-110	Del Puerto Water District	Del Puerto Water District Irrigation System Improvement Project II	$5,000,000	$0	$5,000,000	$0	$0	$0	$5,000,000	R5-2014-0002		$5,000,000	W
12	5	8486-110	Hidden Valley Lake Community Services District	I&I Remediation	$850,000	$0	$850,000	$0	$0	$0	$850,000	TBD		$0	

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Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
N/A	5	8447-110	Stockton, City of	Regional Wastewater Control Facilities Modifications	$150,000,000	$0	$46,800,000	$0	$0	$0	$46,800,000	CA0079138		$0	
N/A	5	8384-110	Woodland, City of	Spring Lake Recycled Water Project	$2,832,018	$0	$2,832,018	$0	$0	$0	$2,832,018	CA0077950		$2,832,018	W
N/A	6	8516-110	Crestline Sanitation District	Huston Creek WWTP Dewatering Building and Primary Clarifier	$9,000,000	$0	$9,000,000	$0	$0	$0	$9,000,000	R6-1994-0057		$0	
N/A	6	8544-110	South Tahoe Public Utility District	Tahoe Keys Wastewater Pump Station Rehabilitation Project	$6,189,331	$0	$6,189,331	$0	$0	$0	$6,189,331	R6-2004-0010		$0	
13	6	8581-110	South Tahoe Public Utility District	WWTP Secondary Clarifiers Upgrade	$5,281,344	$0	$5,281,344	$0	$0	$0	$5,281,344	R6-2004-0010		$0	
13	6	8599-110	South Tahoe Public Utility District	Upper Truckee Wastewater Pump Stations Rehabilitation Project	$4,280,375	$0	$4,280,375	$0	$0	$0	$4,280,375	R6-2004-0010		$0	
N/A	7	8470-110	Coachella Valley Water District	CVWD 2017/18 Non-Potable Water Connections Project	$33,000,000	$0	$16,500,000	$0	$11,500,000	$5,000,000	$33,000,000	CA0104973		$16,500,000	W

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Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
14	7	8580-110	Coachella Valley Water District	Fiscal Year 2020-2021 Nonpotable Water (NPW) Connections Project	$23,128,000	$0	$23,128,000	$0	$0	$0	$23,128,000	R7-2018-0001		$23,128,000	W
N/A	8	8523-210	Cucamonga Valley Water District	Recycled Water Pipeline Extension project	$1,008,000	$0	$1,008,000	$0	$0	$0	$1,008,000	Pending		$1,008,000	W
N/A	8	8462-110	Elsinore Valley Municipal Water District	Regional Water Reclamation Facility Expansion	$129,860,229	$0	$129,860,229	$0	$0	$0	$129,860,229	CA800007	Yes	$0	
N/A	8	8514-110	Elsinore Valley Municipal Water District	Diamond Regional Sewer Lift Station and Dual Force Mains	$36,540,937	$0	$36,540,937	$0	$0	$0	$36,540,937	CA800008		$0	
12	8	8170-110	Inland Empire Utilities Agency	City of Pomona, Monte Vista Water District & IEUA Recycled Water Intertie Project	$87,244,000	$0	$87,244,000	$0	$0	$0	$87,244,000	CA800409		$87,244,000	W
N/A	8	8173-210	Inland Empire Utilities Agency	RP-5 Expansion Construction Project	$325,530,000	$0	$101,530,000	$0	$0	$0	$101,530,000	CA800409		$0	
N/A	8	8260-110	Inland Empire Utilities Agency	Distribution System/Wineville/Jurupa/RP-3 Recharge	$11,742,550	$0	$11,742,550	$0	$0	$0	$11,742,550	CA800409		$11,742,550	W

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Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
				Improvements (PID 23a)											
N/A	8	8414-110	Inland Empire Utilities Agency	Lower Day Basin Improvement Project	$2,855,332	$0	$2,855,332	$0	$0	$0	$2,855,332	CA8000409		$2,855,332	W
N/A	8	8415-110	Inland Empire Utilities Agency	Montclair Basin Improvement Project	$1,273,857	$0	$1,273,857	$0	$0	$0	$1,273,857	CA8000409		$1,273,857	W
N/A	8	8526-110	Inland Empire Utilities Agency	RP-1 Disinfection Improvements Project	$8,460,000	$0	$8,460,000	$0	$0	$0	$8,460,000	CA8000409		$0	
12	8	8535-110	Inland Empire Utilities Agency	Philadelphia Force Main Improvements Project	$20,001,412	$0	$20,001,412	$0	$0	$0	$20,001,412	CA8000409		$0	
N/A	8	8167-120	Jurupa Community Services District	Joint IEUA - JCSD Regional Water Recycling Program	$31,700,000	$0	$26,700,000	$0	$0	$5,000,000	$31,700,000	CA8000316		$19,800,000	W
N/A	8	8194-110	San Bernardino, City	Clean Water Factory	$9,912,586	$0	$9,912,586	$0	$0	$0	$9,912,586	Pending		$0	
N/A	8	8478-110	Santa Ana, City of	Septic to Sewer Island	$1,529,220	$0	$1,529,220	$0	$0	$0	$1,529,220	Pending		$0	

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Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
N/A	8	8162-110	Yucaipa Valley Water District	Calimesa Recycled Water Conveyance Project	$5,785,000	$0	$2,892,500	$0	$1,133,750	$1,758,750	$5,785,000	CA010561 9		$2,892,500	W
13	9	8605-110	Carlsbad, City of	SCADA Implementation Project	$4,601,000	$0	$4,601,000	$0	$0	$0	$4,601,000	TBD		$0	
N/A	9	8548-110	East County Advanced Water Purification JPA	East County Advanced Water Purification Project	$135,853,000	$0	$135,853,000	$0	$0	$0	$135,853,000	CA010749 2	Yes	$135,853,000	W
N/A	9	8059-110	Escondido, City of	Recycled Water Easterly Agricultural Reverse Osmosis Facility and Pump Station	$45,000,000	$0	$24,643,750	$0	$16,966,250	$3,390,000	$45,000,000	R9-2010-0032		$28,033,750	W
N/A	9	8546-110	Oceanside, City of	Upper Recycled Water Conveyance System and Fire Mountain Reservoir and Pump Station	$51,554,669	$0	$51,554,669	$0	$0	$0	$51,554,669	CA010743 3		$51,554,669	W
N/A	9	8277-110	San Diego, City of	Advanced Metering Infrastructure (AMI) Project	$79,392,934	$0	$79,392,934	$0	$0	$0	$79,392,934	CA010740 9		$79,392,934	W
N/A	9	8419-110	San Diego, City of	Pure Water North City Morena Blvd Pump Station &	$339,722,024	$0	$268,679,504	$0	$0	$0	$268,679,504	CA010740 9	Yes	$268,679,504	W

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Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
				Pipeline (Wastewater Portion)											
N/A	9	8419-210	San Diego, City of	Pure Water North City Water Reclamation Plant Expansion	$233,702,298	$0	$184,803,378	$0	$0	$0	$184,803,378	CA0107409	Yes	$184,803,378	W
N/A	9	8419-310	San Diego, City of	Pure Water North City Metropolitan Biosolids Center Improvements	$7,566,975	$0	$5,983,692	$0	$0	$0	$5,983,692	CA0107409		$5,983,692	W
N/A	9	8553-110	San Diego, City of	South Mission Beach Storm Drain Improvements and Green Infrastructure	$16,678,086	$0	$16,678,086	$0	$0	$0	$16,678,086	CAS0109266		$0	
13	9	8308-210	South Coast Water District	Monarch Beach Drive/ Stonehill Recycled Water Distribution	$4,332,000	$0	$4,332,000	$0	$0	$0	$4,332,000	CA0107611		$4,332,000	W
		Total =	**73**		**$5,311,274,469**	**$68,182,200**	**$3,284,084,028**	**$999,532**	**$45,714,152**	**$20,148,750**	**$3,419,128,662**			**$1,125,802,100**	

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Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
Projects Removed from Fundable List															
N/A	4	8354-110	Central Basin Municipal Water District	Gateway Cities Regional Recycled Water System Expansion Project - Lynwood	$3,453,182	N/A	N/A	N/A	N/A	N/A	N/A	CA005391 1	N/A	N/A	N/A
N/A	4	8354-210	Central Basin Municipal Water District	Gateway Cities Regional Recycled Water System Expansion Project - South Gate	$4,580,566	N/A	N/A	N/A	N/A	N/A	N/A	CA005391 1	N/A	N/A	N/A
N/A	4	8354-310	Central Basin Municipal Water District	Gateway Cities Regional Recycled Water System Expansion Project - Bell Gardens	$2,879,159	N/A	N/A	N/A	N/A	N/A	N/A	CA005391 1	N/A	N/A	N/A
N/A	4	8137-110	Pasadena, City of	Pasadena Non-Potable Water Project	$25,325,000	N/A	N/A	N/A	N/A	N/A	N/A	CA007913 8	N/A	N/A	N/A
N/A	6	8125-110	Palmdale Recycled Water Authority	Recycled Water Line Phase 2	$7,500,000	N/A	N/A	N/A	N/A	N/A	N/A	R6-2012-0002	N/A	N/A	N/A
N/A	6	8102-110	Palmdale Water District	Palmdale Regional Groundwater Recharge and Recovery Project	$57,400,000	N/A	N/A	N/A	N/A	N/A	N/A	R6-2012-0002	N/A	N/A	N/A

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Total Priority Score[3]	Regional Board	Project Number[4]	Agency	Project Name	Total Requested Funding	Estimated 2021 Capitalization Grant Projects[5]	Estimated Other CWSRF Loan Funds SFY 2021/22	Estimated Principal Forgiveness (Cap Grant Funds Only)[6]	Estimated Water Recycling Funding Program Loan	Estimated Water Recycling Funding Program Grant	Estimated Total Financing[7]	NPDES/WDR Permit Number	Proposed Equivalency & FFATA Projects[8]	Green Project Reserve FFY 2020/2021	Green Project Type[9]
N/A	8	8167-110	Inland Empire Utilities Agency	Joint IEUA - JCSD Regional Water Recycling Program Phase I	$33,110,000	N/A	N/A	N/A	N/A	N/A	N/A	CA8000316	N/A	N/A	N/A
N/A	8	8236-110	Ontario, City Of	City of Ontario Recycled Water Distribution System Project	$22,639,082	N/A	N/A	N/A	N/A	N/A	N/A	CA8000409	N/A	N/A	N/A
N/A	9	8196-110	San Elijo Joint Powers Authority	SEJPA Recycled Water Phase II Project	$6,200,000	N/A	N/A	N/A	N/A	N/A	N/A	R9-2000-0010	N/A	N/A	N/A
Total Removed =			**9**		**$163,086,989**										

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Note:

1. The CWSRF Fundable List and Comprehensive List is prepared to meet the requirements pursuant to section 603(g) of the CWA. All small SDAC, small DAC, and water/energy audits are considered automatically on the Fundable List once a complete application is submitted. For the sake of clarity, the Fundable List for Scored Projects in Appendix B is limited to scored projects. Fundable small SDAC, small DAC, and water/energy audit projects can be found in the Comprehensive List in Appendix C. DFA intends to post an updated Comprehensive List to its website periodically throughout the year. This updated Comprehensive List will include fundable small SDAC, small DAC, and water/energy audit projects, for which a complete application was submitted after the development of this IUP.
2. Fundable List status is as of February 20, 2021.
3. The Eligible Cut-off score is 12. Rollover Projects were not re-scored and are indicated as N/A. Projects that have automatic eligibility are not subject to scoring and are indicated as A.
4. Project numbers and project names are for administrative purposes only. DFA may assign or reassign project numbers and project names as necessary to administer projects.
5. Estimated 2021 CWSRF Cap Grant is $113,637,000. PF at 40% = $45,454,800. Estimate available for loans = $68,182,200.
6. PF funds are limited to small DAC Wastewater (212 Projects) and Estuary Projects (320 Projects).
7. The amounts on the Fundable List for the projects or interrelated programs that are recommended for partial repayable funding are maximum amounts. The total for each project or interrelated program may be allocated or reallocated to multiple financing agreements at the request of the applicant as long as the total funding does not exceed the total on the Fundable List for the project or interrelated program. Each of the applicants recommended for partial funding appears capable of obtaining the remaining financing necessary to successfully complete the projects or interrelated programs. See projects listed with Red Font.
8. Proposed FFATA and Equivalency Projects will be selected up to an equivalent amount equal to the 2021 Cap Grant Award.
9. Green Project Types: W= Water Efficiency; E = Energy Efficiency; I = Innovative.

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APPENDIX C: CWSRF Project Financing Forecast for SFY 2021-22 – Comprehensive List

Fundable List Rollovers - Sort Order = Rollover Year, Agency Name, Project Number

Fundable List Rollover Year	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
2018/2019	9	8059-110	Escondido, City of	Recycled Water Easterly Agricultural Reverse Osmosis Facility and Pump Station	N/A	N/A	N/A	N/A	CWSRF / WRFP	$45,000,000
2018/2019	8	8167-120	Jurupa Community Services District	Joint IEUA - JCSD Regional Water Recycling Program	N/A	N/A	N/A	N/A	CWSRF / WRFP	$31,700,000
2018/2019	4	8154-110	Los Angeles County Sanitation District No. 2	Carson JWPCP - Effluent Outfall Tunnel Project	N/A	N/A	N/A	N/A	CWSRF	$636,150,000
2018/2019	6	8125-110	Palmdale Recycled Water Authority	Recycled Water Line Phase 2	N/A	N/A	N/A	N/A	WRFP	$7,500,000
2018/2019	2	8258-110	Richmond, City of	Wastewater Treatment Plant Critical Improvements Project	N/A	N/A	N/A	N/A	CWSRF	$50,000,000
2018/2019	9	8277-110	San Diego, City of	Advanced Metering Infrastructure (AMI) Project	N/A	N/A	N/A	N/A	CWSRF	$79,392,934
2018/2019	2	8264-110	Silicon Valley Clean Water	Conveyance and Treatment Reliability Improvements Project	N/A	N/A	N/A	N/A	CWSRF	$266,789,165
2018/2019	2	8264-210	Silicon Valley Clean Water	Conveyance and Treatment Reliability Improvements Project - Front of Plant-Receiving Lift Station, Headworks, Influent Connector Pipe, Front of Plant Civil Site Work	N/A	N/A	N/A	N/A	CWSRF	$164,725,526

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Fundable List Rollover Year	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
2018/2019	2	8264-710	Silicon Valley Clean Water	Conveyance and Treatment Reliability Improvements Project - San Carlos Pump Station Demo	N/A	N/A	N/A	N/A	CWSRF	$122,848,032
2018/2019	8	8162-110	Yucaipa Valley Water District	Calimesa Recycled Water Conveyance Project	N/A	N/A	N/A	N/A	CWSRF / WRFP	$5,785,000
2019/2020	2	8238-110	Burbank Sanitary District	Scott Street and Backyard Easements Sanitary Sewer Rehabilitation Project	N/A	N/A	N/A	N/A	CWSRF	$5,064,000
2019/2020	2	8489-110	Central Contra Costa SD	Solids Handling Facilities Improvements, DP 7348	N/A	N/A	N/A	N/A	CWSRF	$173,105,000
2019/2020	7	8470-110	Coachella Valley Water District	CVWD 2017/18 Non-Potable Water Connections Project	N/A	N/A	N/A	N/A	CWSRF / WRFP	$33,000,000
2019/2020	3	8440-110	El Paso de Robles, City of	Paso Robles Recycled Water Distribution System	N/A	N/A	N/A	N/A	CWSRF	$19,414,000
2019/2020	8	8173-210	Inland Empire Utilities Agency	RP-5 Expansion Construction Project	N/A	N/A	N/A	N/A	CWSRF	$325,530,000
2019/2020	8	8260-110	Inland Empire Utilities Agency	Distribution System/Wineville/Jurupa/RP-3 Recharge Improvements (PID 23a)	N/A	N/A	N/A	N/A	CWSRF	$11,742,550
2019/2020	8	8414-110	Inland Empire Utilities Agency	Lower Day Basin Improvement Project	N/A	N/A	N/A	N/A	CWSRF	$2,855,332
2019/2020	8	8415-110	Inland Empire Utilities Agency	Montclair Basin Improvement Project	N/A	N/A	N/A	N/A	CWSRF	$1,273,857
2019/2020	3	8185-210	Morro Bay, City of	Water Reclamation Facility Project	N/A	N/A	N/A	N/A	CWSRF / WRFP	$66,604,638
2019/2020	4	8433-110	Oxnard, City of	City of Oxnard Treatment Plant Rehabilitation Projects	N/A	N/A	N/A	N/A	CWSRF	$66,700,000

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Fundable List Rollover Year	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
2019/2020	2	8377-110	Palo Alto, City of	Regional Water Quality Control Plant Discharge Infrastructure Improvements	N/A	N/A	N/A	N/A	CWSRF	$11,760,000
2019/2020	2	8490-110	Palo Alto, City of	Regional Water Quality Control Plant Primary Sedimentation and Electrical Upgrade	N/A	N/A	N/A	N/A	CWSRF	$17,484,044
2019/2020	9	8419-110	San Diego, City of	Pure Water North City Morena Blvd Pump Station & Pipeline (Wastewater Portion)	N/A	N/A	N/A	N/A	CWSRF	$339,722,024
2019/2020	9	8419-210	San Diego, City of	Pure Water North City Water Reclamation Plant Expansion	N/A	N/A	N/A	N/A	CWSRF	$233,702,298
2019/2020	9	8419-310	San Diego, City of	Pure Water North City Metropolitan Biosolids Center Improvements	N/A	N/A	N/A	N/A	CWSRF	$7,566,975
2019/2020	2	8286-110	San Francisco, Public Utilities Commission of the City & County of	CWWSIPSE02 SEP New Headworks (Grit) Replacement	N/A	N/A	N/A	N/A	CWSRF	$358,630,542
2019/2020	2	8297-110	San Mateo-Foster City Public Financing Authority	The San Mateo Clean Water Program - Wastewater Treatment Plant	N/A	N/A	N/A	N/A	CWSRF	$440,000,000
2019/2020	3	8436-110	Santa Cruz County Sanitation District	Valencia Creek Sewer Relocation Project	N/A	N/A	N/A	N/A	CWSRF	$1,393,000
2019/2020	5	8447-110	Stockton, City of	Regional Wastewater Control Facilities Modifications	N/A	N/A	N/A	N/A	CWSRF	$150,000,000

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Fundable List Rollover Year	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
2020/2021	3	8366-110	Carpinteria Valley Water District	Carpinteria Advanced Purification Project	N/A	N/A	N/A	N/A	CWSRF	$16,400,000
2020/2021	6	8516-110	Crestline Sanitation District	Huston Creek WWTP Dewatering Building and Primary Clarifier	N/A	N/A	N/A	N/A	CWSRF	$9,000,000
2020/2021	8	8523-210	Cucamonga Valley Water District	Recycled Water Pipeline Extension project	N/A	N/A	N/A	N/A	CWSRF	$1,008,000
2020/2021	2	8502-110	Daly City, City of	Vista Grande Drainage Basin Improvement Project	N/A	N/A	N/A	N/A	CWSRF	$62,889,860
2020/2021	9	8548-110	East County Advanced Water Purification JPA	East County Advanced Water Purification Project	N/A	N/A	N/A	N/A	CWSRF	$135,853,000
2020/2021	8	8462-110	Elsinore Valley Municipal Water District	Regional Water Reclamation Facility Expansion	N/A	N/A	N/A	N/A	CWSRF	$129,860,229
2020/2021	8	8514-110	Elsinore Valley Municipal Water District	Diamond Regional Sewer Lift Station and Dual Force Mains	N/A	N/A	N/A	N/A	CWSRF	$36,540,937
2020/2021	8	8526-110	Inland Empire Utilities Agency	RP-1 Disinfection Improvements Project	N/A	N/A	N/A	N/A	CWSRF	$8,460,000
2020/2021	4	8063-110	Los Angeles, City of	DCTWRP Advanced Water Purification Facility	N/A	N/A	N/A	N/A	CWSRF	$266,000,000
2020/2021	9	8546-110	Oceanside, City of	Upper Recycled Water Conveyance System and Fire Mountain Reservoir and Pump Station	N/A	N/A	N/A	N/A	CWSRF / WRFP	$51,554,669
2020/2021	2	8524-110	Oro Loma Sanitary District	Sewer Collection System Pipeline Rehabilitation and Replacement Project	N/A	N/A	N/A	N/A	CWSRF	$25,000,000

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Fundable List Rollover Year	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
2020/2021	2	8417-110	Palo Alto, City of	Advanced Water Purification System (AWPS) 1 MGD Project	N/A	N/A	N/A	N/A	CWSRF	$22,353,000
2020/2021	2	8517-110	Ross Valley Sanitary District	FY 2019-20 Gravity Sewer Improvements, Butterfield/Arroyo-Kenrick	N/A	N/A	N/A	N/A	CWSRF	$4,562,500
2020/2021	8	8194-110	San Bernardino, City	Clean Water Factory	N/A	N/A	N/A	N/A	CWSRF	$9,912,586
2020/2021	9	8553-110	San Diego, City of	South Mission Beach Storm Drain Improvements and Green Infrastructure	N/A	N/A	N/A	N/A	CWSRF	$16,678,086
2020/2021	4	8501-110	Sanitation Districts of Los Angeles County	216th Street Replacement Trunk Sewer Phase 2	N/A	N/A	N/A	N/A	CWSRF	$12,830,500
2020/2021	8	8478-110	Santa Ana, City of	Septic to Sewer Island	N/A	N/A	N/A	N/A	CWSRF	$1,529,220
2020/2021	6	8544-110	South Tahoe Public Utility District	Tahoe Keys Wastewater Pump Station Rehabilitation Project	N/A	N/A	N/A	N/A	CWSRF	$6,189,331
2020/2021	2	8498-110	Union Sanitary District	Standby Power Generation System Upgrade Project	N/A	N/A	N/A	N/A	CWSRF	$32,120,000
2020/2021	4	8114-110	West Basin Municipal Water District	Recycled Water Supply for Palos Verdes Golf Course	N/A	N/A	N/A	N/A	CWSRF	$7,308,400
2020/2021	2	8293-110	West County Wastewater District	WPCP and Collection System Improvements - Phase I	N/A	N/A	N/A	N/A	CWSRF	$18,050,000
2020/2021	5	8384-110	Woodland, City of	Spring Lake Recycled Water Project	N/A	N/A	N/A	N/A	CWSRF	$2,832,018

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Fundable List Rollover Year	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
2021/2022	2	8600-110	Association of Bay Area Governments	Oro Loma Horizontal Levee - Advancing New Designs for Resilience and Water Quality Improvement	N/A	N/A	N/A	A	CWSRF	$999,532
2021/2022	4	8018-210	Malibu, City of	Malibu Civic Center Water Treatment Facility Phase 2	N/A	N/A	N/A	A	CWSRF	$45,000,000
							Fundable List Rollover Projects =	**52**	**Sub Total =**	**$4,590,870,785 590**

Projects with Priority Scores - Sort Order = Priority Score, Agency Name, Project Number

Year Placed on Fundable List	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
2021/2022	3	8578-110	Santa Ynez Community Services District	Horizon Drive Mainline Extension	8	3	4	15	CWSRF	$800,000
2021/2022	5	8584-110	Amador County	Buena Vista Landfill WMU-1 Final Cover Reconstruction and Class II Surface Impoundment Expansion and Liner Replacement	8	2	4	14	CWSRF	$1,800,000
2021/2022	7	8580-110	Coachella Valley Water District	Fiscal Year 2020-2021 Nonpotable Water (NPW) Connections Project	7	3	4	14	CWSRF	$23,128,000
2021/2022	4	8577-110	Santa Paula, City of	City of Santa Paula Advanced Water Treatment Facility	8	2	4	14	CWSRF	$15,154,000

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Year Placed on Fundable List	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
2021/2022	2	8573-110	Vallejo Sanitation & Flood District	Vallejo Mare Island Pump Station 3W Effluent Bypass	8	2	4	14	CWSRF	$23,000,000
2021/2022	9	8605-110	Carlsbad, City of	SCADA Implementation Project	6	3	4	13	CWSRF	$4,601,000
2021/2022	2	8588-110	Oro Loma Sanitary District	Sewer Collection System Pipeline Rehabilitation and Replacement 2 Project	6	3	4	13	CWSRF	$25,000,000
2021/2022	3	8508-110	Santa Barbara, City of	El Estero Wastewater Treatment Plant Electrical Distribution Renewal Project	6	3	4	13	CWSRF	$30,188,647
2021/2022	3	8602-110	Santa Barbara, City of	Braemar Lift Station Rehabilitation Project	6	3	4	13	CWSRF	$7,430,411
2021/2022	9	8308-210	South Coast Water District	Monarch Beach Drive/ Stonehill Recycled Water Distribution	7	3	3	13	CWSRF	$4,332,000
2021/2022	6	8581-110	South Tahoe Public Utility District	WWTP Secondary Clarifiers Upgrade	6	3	4	13	CWSRF	$5,281,344
2021/2022	6	8599-110	South Tahoe Public Utility District	Upper Truckee Wastewater Pump Stations Rehabilitation Project	6	3	4	13	CWSRF	$4,280,375
2021/2022	5	8446-110	Biggs-West Gridley Water District	Infrastructure Modernization and Canal Operations Decision Support	8	2	2	12	CWSRF	$734,364
2021/2022	5	8507-110	Del Puerto Water District	Del Puerto Water District Irrigation System Improvement Project II	7	3	2	12	CWSRF	$5,000,000

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Year Placed on Fundable List	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
2021/2022	5	8486-110	Hidden Valley Lake Community Services District	I&I Remediation	8	2	2	12	CWSRF	$850,000
2021/2022	8	8170-110	Inland Empire Utilities Agency	City of Pomona, Monte Vista Water District & IEUA Recycled Water Intertie Project	6	3	3	12	CWSRF	$87,244,000
2021/2022	8	8535-110	Inland Empire Utilities Agency	Philadelphia Force Main Improvements Project	6	3	3	12	CWSRF	$20,001,412
2021/2022	2	8499-110	Milpitas, City of	City of Milpitas Recycled Water Pipeline Extension	7	3	2	12	CWSRF	$61,217,000
2021/2022	2	8609-110	Palo Alto, City of	Secondary Treatment Upgrades	6	3	3	12	CWSRF	$168,658,977
2021/2022	2	8483-110	Sunnyvale, City of	Secondary Treatment and Dewatering Facilities	6	3	3	12	CWSRF	$215,096,000
2021/2022	2	8293-120	West County Wastewater District	WPCP and Collection System Improvements - Phase II	8	2	2	12	CWSRF	$16,606,154
N/A	4	8442-110	Downey, City of	Fruman Park/Rio Honda Elementary School Recycled Water Extension and Irrigation	7	2	2	11	CWSRF	$1,200,000
N/A	9	8608-110	La Mesa, City of	Inflow and Infiltration Mitigation Project Phase 6	8	3	0	11	CWSRF	$6,688,000
N/A	9	8382-110	Laguna Beach, City of	Sewer System Replacement Project	6	3	2	11	CWSRF	$2,150,000

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Year Placed on Fundable List	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
N/A	9	8383-110	Laguna Beach, City of	Coastal Treatment Plant Facility Improvement Project	4	3	4	11	CWSRF	$6,250,000
N/A	2	8494-110	Oro Loma Sanitary District	Wet Weather Basin Expansion Project	6	3	2	11	CWSRF	$26,000,000
N/A	3	8554-110	Pajaro Valley Water Management Agency	College Lake Integrated Resources Management Project	7	2	2	11	CWSRF	$4,850,000
N/A	9	8504-110	San Diego, City of	Los Peñasquitos Lagoon Restoration Phase I	6	3	2	11	CWSRF	$27,444,700
N/A	7	8595-110	Valley Sanitary District	Reclaimed Water Project - Phase I	4	3	4	11	CWSRF	$35,730,000
N/A	8	8079-110	Yucaipa, City of	Wilson III Detention Basin Project	4	3	4	11	CWSRF	$4,000,000
N/A	2	8158-110	Benicia, City of	Benicia Water Reuse Project	7	3	0	10	CWSRF	$27,230,018
N/A	3	8255-110	Pismo Beach, City of	Regional Groundwater Sustainability Project	7	3	0	10	CWSRF	$25,848,800
N/A	5	8594-110	Sacramento, City of	Sump 85 Reconstruction Project	6	3	1	10	CWSRF	$9,402,000
N/A	2	8606-110	Sunnyvale, City of	Site Preparation and Existing Plant Rehabilitation Project	6	3	1	10	CWSRF	$121,982,458
N/A	5	8420-110	Browns Valley Irrigation District	Tennessee Ditch Canal Modernization and Hydroelectric Project	4	3	2	9	CWSRF	$4,319,000

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Year Placed on Fundable List	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
N/A	8	8496-110	Redlands, City of	City of Redlands Wastewater Treatment Plant Rehabilitation Project	6	3	0	9	CWSRF	$31,000,000
N/A	9	8610-110	San Diego, City of	City of San Diego Stormwater Capital Improvement Program (City of San Diego Stormwater CIP)	6	3	0	9	CWSRF	$516,000,000
N/A	2	8598-110	Union Sanitary District	Enhanced Treatment and Site Upgrade Phase 1A Project	6	3	0	9	CWSRF	$145,000,000
N/A	2	8598-210	Union Sanitary District	Enhanced Treatment and Site Upgrade Phase 1B Project	6	3	0	9	CWSRF	$156,000,000
N/A	2	8598-310	Union Sanitary District	Enhanced Treatment and Site Upgrade Phase 1C Project	6	3	0	9	CWSRF	$34,000,000
N/A	9	8319-110	Laguna Beach, City of	Coastal Treatment Plant Export Sludge Force Main	4	3	0	7	CWSRF	$1,743,253
N/A	2	8482-110	Sunnyvale, City of	Administration and Laboratory Building	2	3	2	7	CWSRF	49,500,000
N/A	4	8100-110	Upper San Gabriel Valley Municipal Water District	Indirect Reuse Replenishment Project	7	0	0	7	CWSRF	$71,000,000
						Projects with Priority Scores = 43			**Sub Total = $2,027,741,913**	

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Small SDAC and Small DAC Construction Projects[3] - Sort Order = Agency Name, Project Number

Regional Board	Project Number	Agency	Project Name	Degree of Disadvantaged	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
5	8037-210	Amador Water Agency	AWA Wastewater Treatment Plant Upgrade for Lake Camanche Village Unit 6	Small DAC	N/A	SCWW	$5,665,000
5	8232-210	American Valley Community Services District	American Valley CSD Wastewater Collection System Improvement Project	Small DAC	N/A	SCWW	$2,763,000
5	8444-110	Anderson, City of	Wastewater and Solar Energy Efficiency Project	Small SDAC	N/A	SCWW	$2,900,000
1	8272-210	Arcata, City of	Arcata Wastewater Treatment Facilities Improvements	Small SDAC	N/A	SCWW	$64,400,000
5	8344-210	Avenal, City of	Sanitary Sewer Collection System and Wastewater Treatment Plant Improvements	Small SDAC	N/A	SCWW	$6,302,400
5	8589-110	Big Valley Band of Pomo Indians	Big Valley Phase 1 Wastewater Treatment Plant Improvements	Small DAC	N/A	SCWW	$2,102,000
5	8155-210	Biola Community Services District	Improvements Project at Wastewater Treatment Plant	Small SDAC	N/A	SCWW	$5,675,000
6	8592-110	Bishop Paiute-Shoshone Tribe	Bishop Paiute Tribe Wastewater Collection System Improvements	Small SDAC	N/A	SCWW	$6,000,000
5	8597-110	Butte, County of	CSA82 Stirling City Sewer System Rehabilitation	Small SDAC	N/A	SCWW	$1,439,200
5	8515-110	Buttonwillow County Water District	Buttonwillow WWTP Improvements Project	Small DAC	N/A	SCWW	$4,182,000
5	8378-210	Calaveras Unified School District	Toyon Middle School Wastewater Treatment Plant Upgrade Project	Small SDAC	N/A	SCWW	$5,352,700

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Regional Board	Project Number	Agency	Project Name	Degree of Disadvantaged	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
5	8378-310	Calaveras Unified School District	Jenny Lind Elementary School Wastewater Regionalization Project	Small SDAC	N/A	SCWW	$7,749,331
5	8531-110	Clearlake Oaks County Water District	Clearlake Oaks County Water District Water Recycling Project	Small SDAC	N/A	SCWW / WRFP	$4,957,100
7	8564-110	Coachella, City of	Shady Lane Mobile Home Park Septic-to-Sewer Project	Small SDAC	N/A	SCWW	$900,000
7	8463-110	Coachella Valley Water District	Sunbird/Martinez Septic to Sewer Conversion Project	Small SDAC	N/A	SCWW	$5,000,000
7	8579-110	Coachella Valley Water District	Oasis Gardens Mobile Home Park Septic-to-Sewer Project	Small SDAC	N/A	SCWW	$800,000
5	8479-210	Colfax, City of	Sewer Collection and Wastewater Treatment Plant Improvements Project	Small DAC	N/A	SCWW	$5,000,000
5	8421-110	Colusa, City of	Walnut Ranch Construction Project	Small SDAC	N/A	SCWW	$2,868,501
1	8565-110	Covelo Community Services District	Covelo CSD Wastewater Treatment Plant Improvements Project	Small DAC	N/A	SCWW	$6,000,000
5	8245-210	Dunsmuir, City of	City of Dunsmuir Collection System Improvement Project	Small DAC	N/A	SCWW	$5,500,000
5	8171-210	Fall River Valley Community Services District	Wastewater System Expansion	Small SDAC	N/A	SCWW	$2,790,000
2	8405-110	Forestville Water District	2018 Sewer System Improvements	Small DAC	N/A	SCWW	$3,008,334
1	8192-210	Fort Jones, Town of	Fort Jones Wastewater System Improvements	Small DAC	N/A	SCWW	$5,000,000

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Regional Board	Project Number	Agency	Project Name	Degree of Disadvantaged	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
5	8304-210	Franklin County Water District	Franklin County Water District Wastewater Collection and Treatment System Improvements	TBD	N/A	SCWW	$6,000,000
5	8325-110	Franklin County Water District	Solar Photovoltaic Generation at Franklin CWD WWTP	TBD	N/A	SCWW	$712,500
3	8423-110	Freedom County Sanitation District	Freedom Sewer Rehabilitation Project	Small SDAC	N/A	SCWW	$6,000,000
5	8522-110	Golden Hills Community Services District	Golden Hills Community Services District Improvement Project	Small SDAC	N/A	SCWW	$5,204,834
3	8574-110	Gonzales, City of	Separate Industrial Wastewater System	Small DAC	N/A	SCWW	$5,800,000
5	8310-210	Grayson Community Services District	Grayson Wastewater Treatment Plant Screening Project	Small SDAC	N/A	SCWW	$6,000,000
5	8480-110	Gridley, City of	Little Avenue Force Main and Lift Station Improvement Project	Small SDAC	N/A	SCWW	$1,316,617
1	8534-110	Happy Camp Sanitary District	Happy Camp Wastewater Bridge Pipeline Crossing Project	Small DAC	N/A	SCWW	$409,779
6	8313-110	Herlong Public Utility District	West Patton Sewer Collection System	Small DAC	N/A	SCWW	$2,624,583
7	8431-210	Hi-Desert Water District	Phase 2 and 3 Septic to Sewer Project	TBD	N/A	SCWW	$0
5	8052-210	Housing Authority of the County of San Joaquin	Thornton Wastewater Improvements	Small SDAC	N/A	SCWW	$10,947,066
5	7659-210	Kern, County of	South Shafter Sewer Project - Private Laterals and Septic Abandonment	Small SDAC	N/A	SCWW	$3,397,320

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Regional Board	Project Number	Agency	Project Name	Degree of Disadvantaged	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
5	8593-110	Kern, County of	Rexland Acres Sewer Connection Project	Small SDAC	N/A	SCWW	$10,340,508
1	8138-210	Klamath Community Services District	Klamath CSD Wastewater System Renovation	Small DAC	N/A	SCWW	$5,500,000
5	8477-110	Lake Berryessa Resort Improvement District	Groundwater Inflow Mitigation	Small SDAC	N/A	SCWW	$2,000,000
5	8198-210	Lake County Sanitation District	Middletown Wastewater Treatment Plant Improvements	Small SDAC	N/A	SCWW	$4,751,250
1	8518-110	Lake Shastina Community Services District	Lake Shastina Community Services District Wastewater Improvement Project	Small DAC	N/A	SCWW	$5,006,966
5	8559-110	Lemon Cove Sanitary District	Lemon Cove Wastewater Treatment Improvement Project	Small SDAC	N/A	SCWW	$680,000
1	8036-310	Loleta Community Services District	Wastewater Treatment and Disposal Improvement Project	Small SDAC	N/A	SCWW	$4,875,602
5	7211-210	Madera, County of	Fairmead Septic to Sewer Project	Small SDAC	N/A	SCWW	$9,594,837
1	8404-210	Manila Community Services District	Manila CSD Wastewater Infrastructure Improvement Project	Small SDAC	N/A	SCWW	$3,472,000
5	8557-110	Marysville, City of	Marysville WWTP Ponds Closure Project	Small SDAC	N/A	SCWW	$6,000,000
5	8276-110	McFarland, City of	City of McFarland Wastewater Treatment Plant Expansion	Small SDAC	N/A	SCWW	$12,000,000
7	8218-110	Mission Springs Water District	West Valley Water Reclamation Program	Small SDAC	N/A	SCWW	$49,120,000
5	8229-210	Mt. Shasta, City of	Sewer Interceptor Improvements	Small SDAC	N/A	SCWW	$4,553,000

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Regional Board	Project Number	Agency	Project Name	Degree of Disadvantaged	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
5	8145-210	Newman, City of	Newman Wastewater Facility Land Application Expansion for McPike 1 Project	Small SDAC	N/A	SCWW	$2,685,000
5	8591-110	Newman, City of	WWTRF Influent Trunk Sewer Replacement Project	Small SDAC	N/A	SCWW	$6,200,000
5	5039-110	Orange Cove, City of	Orange Cove WWTP Tertiary Treatment & Recycled Water Project	Small SDAC	N/A	SCWW	$7,300,000
5	8469-110	Orland, City of	Road MM Sanitary Sewer Improvement Project	Small DAC	N/A	SCWW	$985,563
5	8193-210	Parlier, City of	WWTP Improvements Project	Small SDAC	N/A	SCWW	$8,033,000
1	8509-110	Peninsula Community Services District	Samoa Peninsula Wastewater Project	Small SDAC	N/A	SCWW	$13,000,000
5	8374-110	Placerville, City of	Solar Photovoltaic (PV) for the WWTP	Small DAC	N/A	SCWW	$3,771,000
5	8161-210	Planada Community Services District	Wastewater Collection System Upgrade	Small SDAC	N/A	SCWW	$5,391,614
5	8464-110	Portola, City of	Portola Sewer Replacement Project	Small DAC	N/A	SCWW	$0
7	8006-110	Pueblo Unido Community Development Corporation	St. Anthony On-Site Sewer Project	Small SDAC	N/A	SCWW	$777,188
7	8596-110	Pueblo Unido Community Development Corporation	Avenue 62 Community Sewer Consolidation Project	Small SDAC	N/A	SCWW	$736,505
5	8454-110	Sacramento Area Sewer District	Hood Community Septic Conversion Project	Small SDAC	N/A	SCWW	$7,790,425
5	8455-110	Sacramento Area Sewer District	Linda Manor Community Septic Conversion	Small SDAC	N/A	SCWW	$4,280,995

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Regional Board	Project Number	Agency	Project Name	Degree of Disadvantaged	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
5	8456-110	Sacramento Area Sewer District	Orange Park Cove Septic to Sewer Project	Small SDAC	N/A	SCWW	$2,877,257
5	8457-110	Sacramento Area Sewer District	Old Florintown Septic to Sewer Project	Small SDAC	N/A	SCWW	$6,800,341
5	8458-110	Sacramento Area Sewer District	Franklin Community Septic Conversion Project	Small SDAC	N/A	SCWW	$8,000,000
7	8607-110	Salton Community Services District	Desert Shores & Salton City - Sewer Forcemains Rehabilitation/Replacement	Small DAC	N/A	SCWW	$2,780,000
5	8375-210	San Andreas Sanitary District	SASD Collection System Improvements Project	Small SDAC	N/A	SCWW	$2,848,315
5	8533-110	Stanislaus, County of	West Modesto Sewer Infrastructure Project - Spencer/Marshall Neighborhood	Small DAC	N/A	SCWW	$3,909,100
1	8140-210	Tehama County Sanitation District 1	Wastewater Collection and Treatment Improvement Project	Small DAC	N/A	SCWW	$1,025,000
5	8240-210	Tuolumne Utilities District	Sonora Regional Wastewater Treatment Facility Improvements	Small DAC	N/A	SCWW	$5,500,000
1	8487-110	Ukiah, City of	Water Recycling Project – Phase 4 Refinements	Small DAC	N/A	SCWW / WRFP	$9,325,000
5	8401-110	Waterford, City of	City of Waterford Wastewater Treatment Plant Improvement Project	Small DAC	N/A	SCWW	$140,000
5	8225-210	Williams, City of	City of Williams Wastewater Collection System Improvement Project	Small SDAC	N/A	SCWW	$5,458,000
5	7878-210	Woodlake, City of	The City of Woodlake Sewer Improvements	Small SDAC	N/A	SCWW	$5,500,000

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Regional Board	Project Number	Agency	Project Name	Degree of Disadvantaged	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
1	8231-210	Yreka, City of	Wastewater Collection System Improvements	Small SDAC	N/A	SCWW	$5,500,000
			Small SDAC/DAC Construction Projects = 74			**Subtotal = $443,275,731**	

Planning Projects[3] - Sort Order = Agency Name, Project Number

Regional Board	Project Number	Agency	Project Name	Degree of Disadvantaged	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
5	8590-110	Adin Community Services District	Adin CSD Wastewater Improvements Project	Small SDAC	N/A	SCWW	$490,000
5	8425-110	Beckwourth County Services Area	CSA Sewer Lift Station Replacement, I/I Study, Associate Sewer Pond Valves	Small SDAC	N/A	SCWW	$407,700
1	8563-110	Blue Lake, City of	Blue Lake Sanitary Sewer Evaluation Study	Small DAC	N/A	SCWW	$500,000
5	8409-110	Buttonwillow County Water District	Buttonwillow Wastewater Collection Lines Project	Small SDAC	N/A	SCWW	$273,800
5	8587-110	Chester Public Utility District	NPDES Permit Compliance Project - Wastewater Treatment Plant	Small DAC	N/A	SCWW	$500,000
5	8572-110	Coalinga, City of	Sewer Collection System and Wastewater Treatment Plant Improvements	Small DAC	N/A	SCWW	$500,000

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Regional Board	Project Number	Agency	Project Name	Degree of Disadvantaged	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
1	8558-110	Crescent City, City of	RBC Capital Upgrade, MBR Membrane Replacement, and Biosolids/Digester Optimization	Small SDAC	N/A	SCWW	$393,405
5	8571-110	Del Rey Community Services District	Del Rey CSD WWTP and Sewer Collection System Improvements	Small SDAC	N/A	SCWW	$500,000
5	8461-110	Dos Palos City of	Dos Palos Clean Water Planning Funding Assistance Project	Small SDAC	N/A	SCWW	$355,900
5	8391-110	Earlimart Public Utility District	Interceptor and Sewer Relief Pipelines Project	Small SDAC	N/A	SCWW	$470,586
8	8491-110	Elsinore Valley Municipal Water District	Sedco Septic to Sewer Planning Project	Small DAC	N/A	SCWW	$500,000
1	8566-110	Fieldbrook Glendale Community Services District	Glendale Sanitary Sewer Evaluation Study	Small SDAC	N/A	SCWW	$500,000
1	8512-110	Forestville Water District	Ammonia & Nitrate Study	Small DAC	N/A	SCWW	$405,000
1	8410-110	Grenada Sanitary District	Grenada Sewer System	Small SDAC	N/A	SCWW	$430,000
1	8576-110	Happy Camp Sanitary District	Wastewater Treatment Plant Headworks Upgrade	Small SDAC	N/A	SCWW	$209,905
5	8550-110	Huron, City of	Sewer Collection System Improvements	Small SDAC	N/A	SCWW	$500,000
5	8359-110	Kettleman City Community Services District	Kettleman City Wastewater Improvement Project	Small SDAC	N/A	SCWW	$500,000
5	8586-110	Kings, County of	Leemore Mobile Home Park Wastewater Project	Small SDAC	N/A	SCWW	$467,000

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Regional Board	Project Number	Agency	Project Name	Degree of Disadvantaged	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
5	8582-110	Knights Landing Community Services District	Wastewater Wet/Dry Well Lift Station Replacement	Small SDAC	N/A	SCWW	$162,500
5	8525-110	Lassen County Waterworks District No. 1	2019 Planning Activities for Wastewater System Improvements	Small SDAC	N/A	SCWW	$500,000
5	8360-110	Lost Hills Utility District	Wastewater Treatment Plant Expansion	Small SDAC	N/A	SCWW	$401,500
5	8369-110	Madera, County of	Madera CSA No. 3 - Parksdale Sewer Project	Small SDAC	N/A	SCWW	$500,000
4	8320-110	Malibu, City of	Malibu Water and Energy Audit	Large non-DAC	N/A	CWSRF	$35,000
5	8453-110	Midway Community Services District	Midway Community Services District Sewer Collection System Rehabilitation	Small SDAC	N/A	SCWW	$222,250
1	8233-110	Montague, City of	Wastewater Facility Upgrade	Small SDAC	N/A	SCWW	$500,000
5	8536-110	New Auberry Water Association	NAWA Wastewater Renewal	Small DAC	N/A	SCWW	$297,000
5	8528-110	Newman, City of	Stormwater and Agricultural Wastewater Treatment Plan	Small SDAC	N/A	SCWW	$400,000
1	5924-110	Orick Community Services District	Orick Wastewater System Project	Small SDAC	N/A	SCWW	$157,210
1	8484-110	Point Arena, City of	Point Arena Infiltration, Inflow and Pipeline capacity Project	Small SDAC	N/A	SCWW	$435,800
7	8445-110	Salton Community Services District	Salton CSD Wastewater Collection System Evaluation	Small SDAC	N/A	SCWW	$300,000
4	8468-110	Saticoy Sanitary District	Collection System and Wastewater Treatment Plant Rehabilitation Project	Small SDAC	N/A	SCWW	$265,000

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Regional Board	Project Number	Agency	Project Name	Degree of Disadvantaged	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
1	8451-110	Sonoma County Water Agency	Monte Rio and Villa Grande Wastewater Treatment Project	Small SDAC	N/A	SCWW	$500,000
5	8427-110	South Dos Palos County Water District	South Dos Palos Wastewater Planning Project	Small SDAC	N/A	SCWW	$147,470
5	8532-110	Springville Public Utility District	Springville Wastewater Planning Assistance	Small SDAC	N/A	SCWW	$495,500
1	8428-110	Trinity County Waterworks District #1	Wastewater Treatment Plant Upgrade to Produce Reclaimed Water	Small SDAC	N/A	SCWW	$500,000
5	8570-110	Tulare, County of	The Soults Tract & Lone Oak Tract Wastewater Improvements Project	TBD	N/A	SCWW	$500,000
1	8562-110	Tulelake, City of	City of Tulelake Wastewater Improvements	Small SDAC	N/A	SCWW	$150,000
5	8448-110	Weaverville Sanitary District	Weaverville Sanitary System Upgrade	Small SDAC	N/A	SCWW	$500,000
5	8601-110	Wheatland, City of	Wheatland Regional Sewer Pipeline Project	Small DAC	N/A	SCWW	$500,000
5	8545-110	Woodville Public Utility District	Woodville PUD Wastewater Plant Improvement Project	Small SDAC	N/A	SCWW	$380,400
Planning Projects = 40						**Sub Total = $15,752,926**	
Total Comprehensive List Projects = 209						**Total = $7,077,641,355**	

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Projects Removed from Comprehensive List[4] - Sort Order = Rollover Year, Agency Name, Project Number

Year Placed on Fundable List	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
2018/2019	4	8354-110	Central Basin Municipal Water District	Gateway Cities Regional Recycled Water System Expansion Project - Lynwood	N/A	N/A	N/A	N/A	CWSRF / WRFP	$3,453,182
2018/2019	4	8354-210	Central Basin Municipal Water District	Gateway Cities Regional Recycled Water System Expansion Project - South Gate	N/A	N/A	N/A	N/A	WRFP	$4,580,566
2018/2019	4	8354-310	Central Basin Municipal Water District	Gateway Cities Regional Recycled Water System Expansion Project - Bell Gardens	N/A	N/A	N/A	N/A	WRFP	$2,879,159
2018/2019	8	8167-110	Inland Empire Utilities Agency	Joint IEUA - JCSD Regional Water Recycling Program Phase I	N/A	N/A	N/A	N/A	CWSRF	$33,110,000
2018/2019	8	8236-110	Ontario, City Of	City of Ontario Recycled Water Distribution System Project	N/A	N/A	N/A	N/A	CWSRF / WRFP	$22,639,082
2018/2019	6	8102-110	Palmdale Water District	Palmdale Regional Groundwater Recharge and Recovery Project	N/A	N/A	N/A	N/A	CWSRF / WRFP	$57,400,000
2018/2019	6	8125-110	Palmdale Recycled Water Authority	Recycled Water Line Phase 2	N/A	N/A	N/A	N/A	CWSRF / WRFP	$7,500,000
2018/2019	4	8137-110	Pasadena, City of	Pasadena Non-Potable Water Project	N/A	N/A	N/A	N/A	WRFP	$25,325,000
2018/2019	9	8196-110	San Elijo Joint Powers Authority	SEJPA Recycled Water Phase II Project	N/A	N/A	N/A	N/A	CWSRF / WRFP	$6,200,000

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Year Placed on Fundable List	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
N/A	2	8521-110	Alameda County Water District	Advanced Metering Infrastructure Phase 3 - Project	4	3	4	11	CWSRF	$31,832,794
N/A	2	8285-210	Central Marin Sanitation Agency	Cogeneration System Design and Construction	4	3	1	8	CWSRF	$10,007,000
N/A	5	8342-110	Hidden Valley Lake Community Services District	Hidden Valley Lake Community Services District water and energy conservation project	4	0	4	8	CWSRF	$2,000,000
N/A	3	8123-110	Cambria Community Services District	IPR Wastewater Effluent Quality Improvements	7	0	0	7	CWSRF / WRFP	$6,827,000
N/A	8	8343-110	Colton, City of	Colton Wastewater Systems Upgrade Planning Project	2	3	2	7	CWSRF	$6,900,000
N/A	2	8300-110	Novato Sanitary District	Novato Cogeneration Project	4	3	0	7	CWSRF	$4,036,500
N/A	2	7814-110	San Mateo County Fair Oaks Sewer Maintenance District	Collection System Improvement Project	6	0	0	6	CWSRF	$5,400,000
N/A	7	8379-110	Brawley, City of	City of Brawley Automated Water Meter installation and Integration	0	0	0	0	CWSRF	$8,852,994
N/A	2	8214-110	Las Gallinas Valley Sanitary District	Las Gallinas Rehabilitation and Recycled Water Project	0	0	0	0	CWSRF	$35,500,000

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Year Placed on Fundable List	Regional Board	Project Number	Agency	Project Name	Primary Score	Secondary Score	Readiness Score	Total Priority Score[1]	Proposed Funding Source Program	Requested Total Financing
N/A	4	8450-110	Long Beach Water Dept	Automated Meter Infrastructure	0	0	0	0	CWSRF	$6,500,000
N/A	2	8294-110	Marin County, Sanitary District No. 1 of	Large Diameter Gravity Sewer Rehabilitation Project II	0	0	0	0	CWSRF	$8,417,000
N/A	2	8295-110	Marin County, Sanitary District No. 1 of	Pump Stations 12 and 13	0	0	0	0	CWSRF	$7,662,400
N/A	2	8296-110	Marin County, Sanitary District No. 1 of	FY 16/17 Gravity Sewer Improvement Project	0	0	0	0	CWSRF	$17,895,000
N/A	2	8381-110	Palo Alto, City of	Palo Alto Recycled Water Pipeline Project	0	0	0	0	CWSRF	$48,677,054
N/A	8	8273-120	Riverside, City of	Jackson Street Recycled Water Pipeline, Phase II	0	0	0	0	CWSRF / WRFP	$9,500,000
N/A	2	8263-110	Santa Clara Valley Water District	South Santa Clara County Recycled Water Project (Phases 1B/2A)	0	0	0	0	CWSRF / WRFP	$6,999,000
N/A	2	8148-110	Sewer Authority Mid-Coastside	Recycled Water Project Phase 1	0	0	0	0	CWSRF / WRFP	$4,260,000
Projects Subject to Removal/Suspension =								**26**	**Sub Total =**	**$384,353,731**

The CWSRF Fundable List and Comprehensive List is prepared to meet the requirements pursuant to section 603(g) of the CWA.

Note:
Projects are shown with status as of 2/20/2021.

1. Projects rolling over from the 2020/2021 IUP Fundable List that did not receive an executed financing agreement are not subject to scoring and are indicated as N/A. Projects that have automatic eligibility are not subject to scoring and are indicated as A.
2. Projects shown in red font are subject to partial funding limitations.
3. Small SDAC, small DAC, and water/energy audits are considered automatically added to the Fundable List once a complete application is submitted.
4. Suspended project applications will be set with an "Inactive" application status. "Withdrawn" applications will be removed from the Comprehensive and Fundable List.

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APPENDIX D: SCWW Construction Grant/PF Eligibility Criteria[40]

Eligible Applicants:	Public agencies having jurisdiction over disposal of sewage, industrial wastes, or other wastes, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under Section 1288 of title 33 of the United States Code[41]			
Affordability Criteria			Grant/PF Amount[42]	
Small Community MHI	Wastewater Rates as a Percentage of MHI	Percentage of Total Eligible Project Cost	Maximum Grant/PF Amount Per Project [43,44]	Maximum Grant/PF Per Household / Project [45]
MHI ≤ 100% Statewide MHI	≥4%	50%	$6 million[46] Or $10 million[48]	$30,000[46] Or $75,000[48]
DAC = MHI <80% of Statewide MHI	≥1.5%	75%[47]		
SDAC = MHI <60% of Statewide MHI	NA	100%		

[40] The Deputy Director of DFA has the discretion as to which IUP (2020-21 or 2021-22) rules apply to projects with complete applications submitted to DFA before June 30, 2021, to the extent that the rules associated with a prior IUP remain consistent with governing laws and requirements.

[41] 501(c)(3) nonprofit organizations and state tribes on the Native American Heritage Commission consult list are not eligible for PF construction funding but may be eligible for certain grant funding.

[42] If a community receives a planning grant/PF for its project, the amount disbursed for planning will be subtracted from the maximum eligible construction grant/PF.

[43] For projects that connect previously unsewered areas or join communities to regionalize wastewater treatment works consistent with the CWSRF Policy, SCWW funds will be allocated to each community served by the project on a per community basis, rather than a per project basis.

[44] On a case-by-case basis, for good cause, the Deputy Director of DFA may approve additional construction grant/PF funds over the maximum grant/PF amount for interest and fees related to bridge loan financing, and cost delays for construction management and legal. The bridge loan and interest fees will only be paid for active construction projects experiencing a delay of reimbursements exceeding 45 days.

[45] The Deputy Director of DFA may approve financing for construction projects with a total eligible project cost less than $2,000,000 regardless of the amount per connection.

[46] A maximum of $6 million grant/PF or $30,000 per connection is available for treatment system and/or collection system improvements.

[47] The Deputy Director of DFA may approve up to 100% for good cause.

[48] A maximum of $10 million grant/PF or $75,000 per connection is available for septic-to-sewer or regionalization projects. The Deputy Director of DFA may approve up to $90,000 per connection for good cause.

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APPENDIX E: SCWW Planning Grant/PF Eligibility Criteria

Eligible Applicants:	Public agencies having jurisdiction over disposal of sewage, industrial wastes, or other wastes, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under Section 1288 of title 33 of the United States Code.[49]		
Affordability Criteria		Grant Amount[50]	
Population	Community MHI	Percent of Total Project Cost	Maximum Grant/PF Per Project [51,52, 53]
<20,000	DAC <80 percent of Statewide MHI	100%	$500,000

[49] 501(c)(3) nonprofit organizations and state tribes on the Native American Heritage Commission consult list are not eligible for PF planning funding but may be eligible for certain grant funding.

[50] If a community receives a planning grant/PF for their project, the amount disbursed to the community under planning will be subtracted from the maximum eligible construction grant/PF.

[51] For a regional planning project or septic-to-sewer project, the Deputy Director of DFA may approve more than $500,000 in grant/PF, not to exceed $500,000 in grant/PF per community included in the regional plan.

[52] A community may not receive more than $1,000,000 in total planning costs ($500,000 for treatment plant improvements plus $500,000 for collection system improvements) in a five-year period.

[53] On a case-by-case basis, for good cause, the Deputy Director of DFA may approve additional planning grant/PF funds.

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APPENDIX F: WRFP Grant and Loan Calculations

Eligible Applicants:	See WRFP Guidelines				
Funding Type	**Eligible Project Costs[54]**	**Percentage of Total Eligible Project Cost**			**Maximum Grant Amount Per Project[55]**
		DAC	**SDAC**	**Non-DAC**	
Planning Grant	Planning	100%	100%	50%	$150,000
Construction Grant	Construction, not including construction allowances[56]	35%	35%[57]	35%	$5,000,000[58]
Construction Loan	Planning, Design, and Construction	100%	100%	50%[59]	N/A
Note: Where the eligibility criteria and grant and loan calculations for the WRFP described in this IUP and appendices conflict with the WRFP Guidelines, the IUP and appendices will supersede.					

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[54] Eligible project costs are defined in the WRFP Guidelines.
[55] Except for SDAC and DAC projects, no project receiving grant will receive more than 50 percent (50%) grant funding, regardless of the funding source.
[56] Construction change orders, construction management, and engineering during construction and are not eligible for WRFP construction grant funding.
[57] On a case-by-case basis, the Deputy Director of DFA may approve up to 100% of eligible project costs for water recycling projects serving SDACs.
[58] On a case-by-case basis, the Deputy Director of DFA may approve construction grant funds above the maximum grant amount for water recycling projects serving SDACs.
[59] At least 50 percent local cost share match must be provided by the applicant, whether through repayable CWSRF financing, the applicant's own revenues, or other repayable financing. Local cost share match may be reduced for communities that meet the DAC criteria established in the CWSRF Policy and IUP.

APPENDIX G: Administration Fund Balance

	Projected 7/1/20 – 6/30/21	Projected 7/1/21 – 6/30/22
Beginning Balance	$16,785,000	$16,432,419
Collected	$8,647,419	$8,192,033
Spent	$9,000,000	$9,000,000
End Balance	**$16,432,419**	**$15,624,452**

APPENDIX H: CWSRF Capitalization Grant Payments and Draw Payments

Payments				
	SFY 21-22 Q1	**SFY 21-22 Q2**	**SFY 21-22 Q3**	**SFY 21-22 Q4**
FFY 2021 Grant	$113,000,000[60] (Date of Award)			
Draws				
FFY 2018 Grant	$5,000,000			
FFY 2019 Grant		**$113,637,000**	**$0**	**$0**
FFY 2020 Grant	$6,250,000	$91,787,000	$6,250,000	$6,250,000
FFY 2021 Grant	**$0**	**$0**	**$0**	**$0**
Cumulative Draws	**$11,250,000**	**$205,424,000**	**$6,250,000**	**$6,250,000**

[60] FFY 2021 estimated Capitalization Grant

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