

State of California

DRINKING WATER STATE REVOLVING
FUND

and

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

and

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

INTENDED USE PLAN

**STATE FISCAL YEAR 2019-20
(FEDERAL FISCAL YEAR 2019 CAPITALIZATION GRANT)**

Division of Financial Assistance • 1001 I Street • Sacramento, CA 95814

*Approved by: State Water Resources Control Board
June 18, 2019 - Resolution No. 2019-XXXX*

<Draft Date>

TABLE OF CONTENTS

I.	INTRODUCTION.....	4
A.	SFY 2019-20 Highlights.....	4
B.	Authority and Past Achievements.....	5
C.	Connections to Other Plans and Goals.....	6
D.	Intended Use Plan (IUP) and Capitalization Grant Application.....	8
E.	Supplementary Definitions.....	9
II.	DRINKING WATER FINANCING NEEDS.....	11
A.	Drinking Water Needs Survey and Assessment.....	11
B.	Comprehensive List of Financing Requests.....	11
III.	PROJECT FUNDING CAPACITY AND DISTRIBUTION OF FUNDS.....	12
A.	General Project Funding Approach.....	12
B.	Recent Financing Activity.....	19
C.	Financial Outlook.....	20
D.	Development of the Fundable List.....	23
E.	Financing Forecast.....	25
F.	Future Financing Trends.....	25
G.	DWSRF Resources and Workload.....	25
H.	Risks.....	28
IV.	SET-ASIDE ACTIVITIES.....	32
A.	Administration Set-Aside.....	32
B.	Small Water system Technical Assistance Set-Aside.....	33
C.	State Program Management Set-Aside.....	33
D.	Local Assistance Set-Aside.....	33
V.	FINANCING AND PROGRAMMATIC REQUIREMENTS.....	35
A.	Technical Managerial and Financial (TMF) Capacity.....	35
B.	Cap Grant Payments and draws.....	36
C.	2019 State Match Source and Proportionality Draw.....	37
D.	Application of Federal Cross-Cutters.....	38
E.	Capitalization Grant Conditions and Other Federal Requirements.....	39
F.	Other State and State Water Board Requirements.....	40
G.	Other Assurances and Certifications.....	41
H.	Cross-Collateralization.....	43
VI.	OUTCOMES, GOALS, ACTIVITIES, AND MEASURES.....	44
A.	Prioritizing DWSRF Funds For Public Health Benefits.....	44

B. Manage the DWSRF Responsibly to Ensure its Perpetuity	45
C. Ensuring Timely and Expedient Use of DWSRF Funds	46
D. DWSRF Performance Metrics	47
VII. SCHEDULE	48
VIII. ACRONYMS	49
IX. APPENDICES	50
APPENDIX A: SFY 2019-20 DWSRF FUNDABLE LIST	50
APPENDIX B: SFY 2019-20 DWSRF COMPREHENSIVE LIST	63
APPENDIX C: SFY 2019-20 DWSRF IUP Fiscal Impact Summary	78
APPENDIX D: Planning Project-Reduced Interest Rates and Grant for an Eligible PWS	79
APPENDIX E: Construction Project Financing Limitations for an Eligible SCWS that Serves a SMALL DAC or SMALL SDAC or a PWS Extending Water Service to a SMALL DAC or SMALL SDAC Not Currently Served by a PWS	80
APPENDIX F: Construction Project Financing Limitations for an ESCWS that Serves a DAC or an SDAC	81
APPENDIX G: Construction Project Financing Limitations for an Eligible NTNC that Serves a Small DAC or a Small SDAC	82
APPENDIX H: FFY 2019 Estimated Federal Capitalization Grant Cash Draw Schedule	83

DRAFT

I. INTRODUCTION

Clean and safe drinking water is a fundamental human right¹, and is essential to health and well-being. The State Water Resources Control Board (State Water Board) and its Division of Drinking Water (DDW) and Division of Financial Assistance (DFA) work cooperatively to protect California's drinking water and help ensure that all Californians have access to clean, safe, and affordable drinking water through several regulatory and financial assistance programs.

The Drinking Water State Revolving Fund (DWSRF) program finances infrastructure improvements to mitigate drinking water risks and support the human right to water. In accordance with federal rules, the DWSRF program generally prioritizes financing for projects that (1) address the most serious human health risks, (2) are necessary to comply with [Safe Drinking Water Act \(SDWA\)](#) requirements, and (3) assist public water systems (PWSs) most in need on a per household basis. The DWSRF program is also managed to ensure expeditious use of DWSRF funds and long-term financial strength for future generations.

The State of California (State) also periodically allocates funding to the State Water Board for financing programs that help provide clean and safe water. Many of these programs can be used in combination with the DWSRF program.

This Intended Use Plan (IUP) describes the State Water Board's plan for implementing the DWSRF and its complementary financing programs for drinking water projects to be funded in State Fiscal Year (SFY) 2019-20.

A. SFY 2019-20 HIGHLIGHTS

The SFY 2019-20 IUP reflects several changes that were included in the amended [DWSRF Policy](#) approved by the State Water Board on February 5, 2019 to better manage the program. These are highlighted briefly below:

- Small Severely Disadvantaged Communities (Small SDAC) and small Disadvantaged Communities (Small DAC) will be automatically added to the Fundable List at any time these communities start an application.
- A non-SDAC or non-DAC project that is ready to proceed to an agreement will be added to the Fundable List bypassing other projects that are not ready to proceed to an agreement.
- All applicants may request repayable financing up to 30 years or the useful life of the financed assets for construction financing, and a system that serves a DAC or SDAC is eligible for a repayment term of up to 40 years or the useful life of the financed assets for construction financing.
- Applicants may finance planning over a 5- or 10-year term at their option.
- Repayments on future loans will be annual, not semi-annual.
- The first principal and interest payment will be due 18 months after project completion for Small DAC/Small SDAC, and 12 months for non-DAC/non-SDAC recipients.
- Reimbursing construction costs incurred prior to approval of financing under limited conditions.

¹ Water Code, Section 106.3

- Use of the newly developed “Credit/Financial Guidelines,” [Appendix E](#), to the DWSRF Policy.

California’s DWSRF program continues to evolve since its transfer from the California Department of Public Health. In addition, the level of DWSRF and complementary financing has been below average in SFY 2018-19 due to the State Water Boards’ transition to California’s new, statewide accounting and budgeting system, the Financial Information System for California or “FI\$Cal.” DFA expects that the slower pace of financing will continue into SFY 2019-20, but that the overall pace of financing will return to a level similar to previous levels after FI\$Cal is fully implemented by the State Water Board.

B. AUTHORITY AND PAST ACHIEVEMENTS

In 1996, the United States Congress and the President amended the SDWA to establish the DWSRF program nationally, based in part on the success of the Clean Water State Revolving Fund (CWSRF) program. All 50 states and Puerto Rico are currently operating DWSRF programs. The total DWSRF program financing nationwide currently exceeds \$39.0 billion.

The federal DWSRF program provides each state the opportunity to establish a drinking water public health and infrastructure bank capitalized by federal and state funds. This capital along with its earnings is used to provide financial assistance to a wide variety of drinking water planning and construction projects. The DWSRF program can also provide technical assistance (TA) to help PWSs solve their drinking water problems. States may offer a variety of financing options and customize terms to meet their drinking water public health needs. Financing options include loans, refinancing debt, purchasing or guaranteeing local debt, and purchasing bond insurance. Interest rates must be below the market rate. Repayment periods are generally the lesser of 30 years or the expected useful life of the financed asset and can be as long as 40 years for some communities. Federal statute, regulations and appropriations, as well as California law, have also authorized “additional subsidy” in the form of grants, negative interest rates, and principal forgiveness (PF) on a limited basis. The State Water Board is currently authorized to manage the DWSRF program pursuant to Chapter 4.5 of Part 12 of Division 104 of the Health and Safety Code and an [Operating Agreement](#) with the United States Environmental Protection Agency (U.S. EPA), Region 9. The DFA, in cooperation with DDW, the Division of Administrative Services (DAS), and the Office of Chief Counsel (OCC), implements the DWSRF program in accordance with the [Policy for Implementing the Drinking Water State Revolving Fund](#) (DWSRF Policy) as approved by the State Water Board.

California’s DWSRF has grown since financing its first project in 2000. It has executed more than \$3.03 billion in financial assistance agreements. The net position of the DWSRF is approximately \$1.8 billion, and annual repayments to the DWSRF have recently been approximately \$84.4 million.

The DWSRF program has funded a broad range of projects since its inception. As of June 30, 2018, approximately percent (85%) of DWSRF funds have been for the benefit of large water systems, while approximately 15 percent (15%) of DWSRF funds have been awarded to small water systems (SWSs). However, approximately 68 percent (68%) of funded projects have been for the benefit of SWSs, while 32 percent (32%) of funded projects have been for the benefit of large water systems. The DWSRF has also provided approximately \$385 million of principal forgiveness/grants to disadvantaged communities since 2000.

C. CONNECTIONS TO OTHER PLANS AND GOALS

In establishing the terms of this IUP, the State Water Board considered 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.” State Water Board Resolution 2016-0010 adopted the human right to water as a core value and directed its implementation in Water Board programs and activities. This IUP directly supports this policy.

U.S. EPA, in cooperation with the State, has designated the State Water Board as the “primacy agency” to implement and enforce the federal SDWA. As the state primacy agency, the State Water Board, through DDW, regulates more than 7,500 PWSs located throughout the State. To assist in this effort, through DDW, the State Water Board has also delegated its primacy authority to 30 local health departments, known as local primacy agencies (LPA), to regulate PWSs serving less than 200 service connections. The State Water Board also promotes safe and reliable drinking water through drought preparedness and water conservation measures; promoting water recycling projects; certifying drinking water treatment and distribution operators; supporting and promoting water system security; providing for small water system technical assistance (SWSTA) and mandating minimum standards for PWS technical, managerial, and financial (TMF) capacity.

The DWSRF program supports the [U.S. EPA Strategic Plan](#) Goal 1 (Core Mission), Objective 1.2: Provide for Clean and Safe Water – “Ensure waters are clean through improved water infrastructure and, in partnership with states and tribes, sustainably manage programs to support drinking water, aquatic ecosystems, and recreational, economic, and subsistence activities.” Specifically, California established and is managing the DWSRF to provide affordable financing and other types of assistance to water systems to finance the cost of infrastructure projects to achieve or maintain compliance with SDWA requirements.

The DWSRF program supports the goals of the [California Water Action Plan](#) (Updated 2016), including more reliable water supplies and sustainably managed water resources system (water supply, water quality, flood protection, and environment) that can better withstand inevitable and unforeseen pressures in the coming decades. The DWSRF program also supports the actions of the California Water Action Plan (Updated 2016), including providing safe water for all communities, identifying sustainable and integrated financing opportunities and managing and preparing for dry periods.

Additionally, the DWSRF program supports the State Water Board [Resolution No. 2017-0012](#), which was adopted on March 7, 2017 to establish a comprehensive and robust

response to climate change that will support California's ongoing climate leadership. The State Water Board found that "given the magnitude of climate change impacts on California's hydrology and water systems, our response to climate change must be comprehensive and integrated into all Water Boards' actions." Resolution No. 2017-0012 directed the State Water Board staff to take many actions that affect the DWSRF program and this IUP. Specifically:

- By July 1, 2017, include climate change mitigation and adaptation objectives in the IUP.
- By July 1, 2017, 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.

Similarly, U.S. EPA confirmed in recent years that DWSRF funds may be awarded to projects that address "green" infrastructure, water and energy efficiency improvements, or other environmentally innovative activities. In response to Resolution No. 2017-0012, as well as the "green" objectives of U.S. EPA, the State Water Board will continue to prioritize DWSRF funding in SFY 2019-20 for the installation of new or replacement water meters as a means of promoting effective water conservation and management. The DWSRF program and its project priority approach also support the Governor's [Executive Order B-40-17](#) of April 7, 2017, which states, "The Water Board and [the Department of Water Resources] shall continue to direct actions to minimize water system leaks that waste large amounts of water. The State Water Board, after funding projects to address health and safety, shall use loans from the DWSRF to prioritize local projects that reduce leaks and other water system losses."

The DWSRF program supports the State Water Board's combined [Clean Water and Drinking Water Capacity Development Strategy](#). With DWSRF set-aside funds as well as leveraging DWSRF planning and infrastructure financing, the DWSRF program and this IUP support the following strategic goals of the combined Clean Water and Drinking Water Capacity Development Strategy:

- Strategic Goal 1 - Use available resources to continuously improve the [Capacity Development] program
- Strategic Goal 2 - Identify systems with low TMF capacity
- Strategic Goal 3 - Assist water systems identified in Goal 2 to improve their TMF and if they are in violation, return to compliance
- Strategic Goal 4 – Ensure all new systems, systems changing ownership and systems using public funds to construct projects have TMF Capacity to remain sustainable into the foreseeable future
- Strategic Goal 5 –Strengthen existing and foster new partnerships with federal, state, local governmental entities, environmental justice organizations, local non-profits and drinking water organizations

- Strategic Goal 6 – Provide a system of technical assistance and training for operators, managers and board members to ensure that drinking water provided by public drinking water systems is consistently safe

In 2017, the Drinking Water Capacity Development program, as required by the Safe Drinking Water Act, was moved from DFA to 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 will be renamed the Small Community Capacity Development Strategy and is scheduled to be updated in SFY 2019-20. The updated strategy will focus on the priorities of the Office of Sustainable Water Solutions (Office), specifically on the financial and technical needs of small disadvantaged and small severely disadvantaged communities, over the next three fiscal years. The updated strategy will continue to support the above strategic goals.

D. INTENDED USE PLAN (IUP) AND CAPITALIZATION GRANT APPLICATION

This State Fiscal Year (SFY) 2019-20 DWSRF IUP will be part of the State Water Board's application for the Federal Fiscal Year (FFY) 2019 Capitalization Grant from U.S. EPA, and it serves as guidelines for the State Water Board's administration of Proposition 1 (Prop 1) and Proposition 68 (Prop 68) Drinking Water funds (in general referred to as the "SCG DW funds"). In summary, this IUP establishes the State Water Board's business plan for the DWSRF and its associated state funding programs for SFY 2019-20 and discusses the State Water Board's general approach and ability to successfully carry out that business plan with the available financial and programmatic resources. It also describes how the State Water Board will operate the DWSRF and its associated state funding program in conjunction with other funding sources, outside the State Water Board, that may be used to jointly finance projects.

This IUP outlines the funding and resources available for SFY 2019-20, and the prioritization approach used to rank projects for DWSRF and SCG DW funding and describes the State Water Board's plans for using the FFY 2019 Capitalization Grant from U.S. EPA, including a summary of applicable DWSRF federal requirements. The IUP identifies projects that the State Water Board anticipates financing in SFY 2019-20 (Appendix A – the Fundable List, Page 48), and forecasts the potential effect they would have on DWSRF cash flows and availability of SCG DW funds over the next several years. This IUP also describes the financing terms for SFY 2019-20, including special financing terms for small DACs and small SDACs. Finally, this IUP details key aspects of the DWSRF program including short and long-term goals, associated performance metrics, and the methods used to achieve the DWSRF program's goals and metrics.

Federal and State laws allow a portion of federal capitalization funds to be used for specified set-aside activities in addition to providing financial assistance to PWSs for infrastructure improvements. In summary, the State Water Board intends to use 74 percent (74%) of the 2019 Capitalization Grant for financing the planning, design, and construction of drinking water infrastructure projects. The remaining 26 percent (26%) of the 2019 Capitalization Grant will be reserved for set-aside activities. Further detail about the planned use of the set-asides can be found in Section IV of this IUP.

The State Water Board may also 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 2019-20 on DFA's progress implementing this IUP and the current capacity of the DWSRF and its complementary programs to provide financing to applicants.

Finally, the State Water Board will continue to implement the DWSRF and SCG DW program consistent with applicable state and federal statutes, regulations and policies. These include, but are not limited to:

- [The DWSRF Policy](#)
- [The Operating Agreement between the State Water Board and U.S. EPA](#);
- [The Clean Water and Drinking Water State Revolving Funds Debt Management Policy](#) (CWSRF/DWSRF Debt Management Policy);
- [The Clean Water and Drinking Water Capacity Development Strategy](#) (Capacity Development Strategy);
- [U.S. EPA Interpretive Guidance regarding the DWSRF](#);
- Any additional federal requirements in the 2019 budget appropriation, the 2019 Capitalization Grant Agreement, and/or guidance from U.S. EPA.

E. SUPPLEMENTARY DEFINITIONS

Unless otherwise defined below, the definitions in the DWSRF Policy shall apply to funding under this IUP.

1. "For Profit Entity" means a corporation, partnership, trust, association, sole proprietorship, or limited liability company that is not exempt from taxes under Section 501(c) of the United States Internal Revenue Code, including those entities that are regulated by the California Public Utilities Commission.
2. "Native American Tribe" means a federally recognized Indian tribe, or a State Indian tribe listed on the Native American Heritage Commission's California Tribal Consultation List.
3. "Non-transient Non-Community Water System" or "NTNC" means a public water system that is not a community water system and that regularly serves at least 25 of the same persons over six months per year.
4. "Not-For-Profit Water Company" means a mutual benefit water company, public benefit corporation, homeowner's association, or cooperative that is exempt from taxes under Section 501(c) of the United States Internal Revenue Code.
5. "Projects that Provide Regional Benefits" means construction projects that address public health issues ranked in categories A to C; are a shared solution amongst three or more participating PWSs; and at least one of those participants is a Small Community Water System (SCWS) serving a small DAC or a NTNC serving a disadvantaged community.

6. “Small Disadvantaged Community” means a community with a population less than 10,000 persons and with a combined median household income (MHI) less than 80 percent of the statewide MHI.
7. “Small Severely Disadvantaged Community” means a community with a population less than 10,000 persons and whose combined MHI is less than 60 percent of the statewide MHI.

DRAFT

II. DRINKING WATER FINANCING NEEDS

A. DRINKING WATER NEEDS SURVEY AND ASSESSMENT

Based on the 2015 [Drinking Water Infrastructure Needs Survey](#), California needs approximately \$51.03 billion over the next 20 years to adequately fund drinking water infrastructure. Based on the survey, California’s greatest need is for drinking water transmission and distribution repair/replacement (\$31.2 billion), followed by drinking water treatment (\$9.2 billion), and storage (\$7.0 billion) infrastructure.

B. COMPREHENSIVE LIST OF FINANCING REQUESTS

As a result of California’s statewide need, the State Water Board currently has approximately 300 funding requests totaling approximately \$2.8 billion for drinking water planning and construction funding on its Comprehensive List. The Comprehensive List (Appendix B, page 61) identifies PWSs seeking financial assistance for specific drinking water infrastructure projects. The funding applications and the due diligence reviews by DFA vary in completeness. A summary of the total funding requested is shown in Table 1 below.

A project must be on the Comprehensive List to be considered for DWSRF funding and available complementary financing. Placement of a project on a Comprehensive List, however, does not constitute a commitment to provide financing. The Comprehensive List will generally be updated quarterly on the State Water Board’s website. The Executive Director may update the Comprehensive List more frequently, if necessary, or less frequently if there are no new projects to be added.

Table 1: SFY 2019-20 DWSRF Comprehensive List Funding Request Summary by Priority Ranking

Priority Ranking	Description	No. of Applications	Estimated Project Cost	Estimated DWSRF Loan Requested	Estimated PF/Grant Amount
A	Immediate Health Risk	20	\$59,621,577	\$24,123,610	\$35,497,967
B	Untreated At-Risk Sources	12	\$20,044,843	\$8,055,800	\$11,989,043
C	Compliance or Shortage	83	\$232,513,811	\$90,130,764	\$142,310,047
D	Inadequate Reliability	37	\$ 68,593,946	\$18,447,228	\$50,132,268
E	Secondary Risks	12	\$29,590,424	\$ -	\$26,301,500
F	Other Projects	138	\$2,454,059,212	\$1,242,574,332	\$107,314,727
Total		302	\$2,864,423,813	\$ 1,383,331,734	\$373,545,552

III. PROJECT FUNDING CAPACITY AND DISTRIBUTION OF FUNDS

A. GENERAL PROJECT FUNDING APPROACH

The primary goal of DFA is to use the DWSRF program and its associated state funding sources to provide drinking water project financing that (1) addresses the most serious human health risks, (2) is necessary to comply with the SDWA, and (3) assists the PWSs most in need on a per household basis. To meet this goal, the State Water Board will use the DWSRF and its complementary funds timely and expeditiously and manage the available funding responsibly.

DFA's drinking water funding priorities in SFY 2019-20 will stress helping small SDACs and small DACs solve their drinking water problems. In particular, all available SCG DW grant funds, PF funds, and Small Community Emergency Grant (SCEG) funds will be used to address the most serious health risks for these communities. The State Water Board also directs DFA to manage the DWSRF program so that sufficient funds are available under all circumstances to meet the repayable financing needs of small SDACs and small DACs for drinking water projects.

This IUP establishes for SFY 2019-20 a Fundable List (Appendix A, page 48) of projects. The Fundable List was developed from applications in process² as of February 2019 and includes those projects DFA believes will achieve the most favorable drinking water results in California during SFY 2019-20 with the financial and programmatic resources available to the DWSRF and its complementary financing programs. All small SDAC and small DAC projects were placed on the Fundable List in this IUP without further scoring, and all other projects were ranked for potential placement on the Fundable List as described in Section VI.B. of the [DWSRF Policy](#). DFA's objective is to execute financing agreements for all projects on the Fundable List by June 30, 2020³.

Small SDAC and small DAC projects may be funded at any time provided they submit a complete application and meet all eligibility requirements. A small SDAC or small DAC project not on the Fundable List in this IUP will be added automatically to the Fundable List when the applicant starts an application. All other projects identified on the Fundable List may receive financing during SFYs 2018-19 and 2019-20, and other projects not included on the Fundable List may be added to the List consistent with the Bypass Procedure in the DWSRF Policy.

² "In process" means that some portion of the [DWSRF application](#) was submitted to the State Water Board.

³ The DWSRF SFY 2019-20 Fundable List includes projects with eligible principal forgiveness/grant funding requests that currently exceeds the available balance of additional subsidy. Nonetheless, these projects are included on the DWSRF SFY 2019-20 Fundable List in the event other grant funding sources become available to the State Water Board in SFY 2019-20.

Applications for the DWSRF program and associated funding are accepted on a continuous basis. After DFA receives a complete application, a detailed technical, environmental, legal, and financial review is conducted to determine the applicant's eligibility for DWSRF and associated drinking water funding. Eligible projects are funded as applications are completed and approved in accordance with the applicable federal and state rules and requirements, including the DWSRF Policy. The online portal to submit an application for the DWSRF and its associated drinking water funding sources can be found at: <http://faast.waterboards.ca.gov/>.

Funding will be consistent with the [DWSRF Policy](#)⁴, the [SRF Debt Management Policy](#), the [Operating Agreement](#), applicable federal and state statutes, regulations, and guidance, and any guidelines applicable to the complementary funding sources that may be used to fund a project jointly with DWSRF program funds. In addition, funding will be consistent with the requirements of the DWSRF program's Master Trust Indenture and associated bond documents to ensure compliance with the U.S. Securities and Exchange Commission, Internal Revenue Service, and Municipal Securities Rulemaking Board (MSRB) rules and regulations and ensure that all DWSRF revenue bonds are secure and repaid in full and on time.

The funds available to fund drinking water projects generally consist of:

- State bond funds;
- Capitalization Grants from U.S. EPA, potentially including PF;
- Repayments of DWSRF principal and interest on past loans and investment earnings;
- Proceeds from revenue bond sales secured by past DWSRF loans and approved by the State Water Board.

DFA may also regulate project commitment or cash disbursement levels, suspend project approvals, or do some combination of these actions to ensure prior commitments are fulfilled. A more detailed financial analysis is described in Section III.C.

The State Water Board's financial priorities for the DWSRF program during SFY 2019-20 will be:

- Liquidating revenue bond proceeds;
- Liquidating capitalization grants once awarded; and
- Liquidating repayments and investment earnings.

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

General provisions applicable to financing projects in SFY 2019-20 may include, but are not limited to:

⁴ Please refer to Section V.F. for an exception to the DWSRF Policy regarding reimbursement of eligible construction costs.

1. Best Use of Available Financing Sources and Terms

DFA will consider the requirements associated with all available sources of funds, and pair available funds with projects to achieve the maximum drinking water benefits. In order to provide the best funding package for an applicant, DFA will combine funding sources where appropriate. This includes the use of PF and grant funds, reduced interest rates, match financing, 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 drinking water projects.

2. Financing Terms in General

Unless otherwise noted below, the terms established in the DWSRF Policy will be used for drinking water funding.

The State Water Board will provide funding for the planning, design, and construction of eligible drinking water improvements to publicly and privately-owned Community Water Systems (CWSs) and non-profit, non-community water systems. Eligible planning, preliminary engineering studies, environmental review, project design, and construction costs are described in the DWSRF Policy, Sections X.B. and XI.B. An eligible applicant may apply solely for planning funding with the option to later apply for construction funding. An eligible applicant may also apply for construction funding with the option to be reimbursed for eligible planning costs as part of the construction financing agreement.

The standard interest rate for repayable planning and construction financing is 50 percent (50%) of California's average general obligation bond rate obtained by the State Treasurer for the previous calendar year. The term for repayable planning projects is a maximum of five or ten years at the applicant's request. Repayable construction financing can be amortized for 30 years or the useful life of the financed facilities for all communities; SDAC and DAC communities may finance drinking water construction facilities over 40 years or the useful life of the financed facilities.

Notwithstanding Section XII.C. of the DWSRF Policy, the Deputy Director of DFA may increase the financing amount to account for reasonable bridge financing costs consistent with the availability of funds and the recipient's ability to repay loan funds.

3. Financing Terms and Limitations for Specific Applicants

a. MHI Determinations for SCWS, NTNC & Communities Not Currently Served by a PWS

In general, the MHI determination for a SCWS will be based on the entire permitted service area of the SCWS.

A NTNC owned by a K-12 public school district is deemed to serve a severely disadvantaged community because the primary users are minor students. Minors generally have incomes below 60 percent (60%) of the statewide MHI. All other eligible

NTNCs and the MHI of the small community they serve will be evaluated on a case-by-case basis based upon the intended customer base.

For the purposes of a consolidation project, the MHI of the receiving PWS may be considered when evaluating for reduced interest rates and principal forgiveness/grant. If DWSRF funding is used to finance a project for the extension of water service by a PWS to a small community not currently being served by a PWS, then for purposes of providing reduced interest rates and principal forgiveness, the MHI of the PWS extending service will be considered. If Prop 68 Drinking Water funds are used for a project, then the MHI of the small community not currently being served by a PWS may be considered for the evaluation of possible Prop 1 Drinking Water reduced interest rates and grant funding.

b. Subsidized Planning Financing – SCWSs Serving a DAC/SDAC, Eligible NTNCs Serving a Small DAC or Small SDAC, and PWSs Extending Service to Small DACs and Small SDACs

Eligible SCWSs serving a small DAC/small SDAC, eligible NTNCs serving a small DAC or small SDAC, and PWSs extending service to small DACs and small SDACs may receive the maximum principal forgiveness/grant in accordance with Appendix D (page 77). Repayable financing will also be made available if principal forgiveness/grant funding is insufficient to fully fund a planning project.

c. Subsidized Construction Financing – SCWSs Serving a DAC/SDAC⁵ and Extension of Water Service Projects to a Small DAC or a Small SDAC Not Currently Served by a PWS

The following PWSs may be eligible for reduced interest rates and principal forgiveness, grant, or a combination of principal forgiveness and grant for a construction project in accordance with the terms in Appendix E (page 78).

1. A SCWS serving a small DAC or small SDAC that is owned by a public agency or a Not-For Profit Water Company.
2. Notwithstanding the DWSRF Policy, a SCWS serving a small DAC or small SDAC that is owned by a For-Profit Entity.
3. A SCWS serving a small DAC or small SDAC that is owned by a Native American Tribe.

⁵ Where a state agency acts as a conduit recipient of SCG DW funding, the qualifying characteristics of the underlying recipient PWS will be analyzed.

4. A NTNC that serves a small DAC or a small SDAC, if the system serves solely the following:
 - a public K-12 school; and/or
 - a not-for profit K-12 private school; and/or
 - a not-for-profit daycare facility, and/or
 - a not-for profit labor camp; and/or
 - a not-for-profit elder care facility; and/or
 - a not-for-profit health care facility
5. A PWS that is extending service to a small DAC or a small SDAC not currently served by a PWS.

The Prop 68 Drinking Water local cost share may also be reduced for a SCWS that serves a small DAC or small SDAC and a NTNC that serves a small DAC or small SDAC and a PWS extending service to a small DAC or small SDAC, per the financing terms in Appendix E (page 78).

d. Subsidized Construction Financing – Expanded Small Community Water Systems (ESCWS)s that Serve a DAC or an SDAC

To facilitate affordable construction financing for an eligible ESCWS that serves a DAC or an SDAC, the financing terms in Appendix F (page 79) shall apply.

e. Subsidized Construction Financing – NTNCs that Serve a Small DAC or Small SDAC

To facilitate affordable construction financing for an eligible NTNC that serves a small DAC or small SDAC, the financing terms in Appendix G (page 80) below shall apply. Principal forgiveness/grant funds will only be awarded to an eligible NTNC to the extent the NTNC cannot afford the full cost of repayable financing. The current operating budget shall be evaluated when determining an eligible NTNC's ability to afford repayable financing. An eligible NTNC owned by a public-school district is deemed to have limited repayable financing capacity, and is, therefore, automatically eligible for maximum principal forgiveness/grant, subject to all other eligibility rules and requirements.

f. Projects that “Provide Regional Benefit”

Projects that Provide Regional Benefit are eligible for no more than \$60,000 in grant and/or principal forgiveness per service connection per participating SCWS serving a small DAC/small SDAC, or NTNC serving a small DAC or small SDAC. Projects that Provide Regional Benefit may receive up to \$5 million in grant and/or principal forgiveness per each participating SCWS serving a small DAC/small SDAC, or NTNC serving a small DAC or small SDAC consistent with Appendices E, F, and G (pages 78-80). Projects that Provide Regional Benefits are not eligible to receive more than \$20 million total principal forgiveness/grant funding per projects, and principal forgiveness/grant funding may not necessarily be limited to the proportional share of the participating SCWS serving a small DAC/small SDAC or NTNC serving a small DAC or small SDAC. Principal forgiveness/grant funding awarded for Projects that Provide Regional Benefit may only be allocated for the benefit of participating SCWSs serving a small DAC/small SDAC and/or NTNCs serving a small DAC or small SDAC.

4. Consolidation

It is the intent of the State Water Board to promote consolidation⁶ where appropriate and feasible, especially among SCWS serving DACs and SDACs. Many SCWSs struggle to meet minimum state and federal requirements to provide safe and reliable drinking water. Due to their smaller scale and limited resources, SCWSs face many TMF challenges and have difficulty maintaining long-term compliance. Infrastructure projects are increasingly costly, the technical complexity of compliance grows, and economic constraints are especially onerous for these systems. Consolidation is a promising solution to many difficulties faced by SCWSs, particularly when confronted with compliance-related problems or depleted water sources. To support consolidation, DFA, in coordination with DDW, will continue to emphasize consolidation opportunities by providing project financing and technical assistance.

Specifically, DFA will continue to require that all funding applicants evaluate the feasibility of consolidation to be eligible for DWSRF construction funding. If planning funding is being provided to a SCWS, DFA may also require an evaluation of consolidation prior to reimbursement of other planning activities under a planning funding agreement. If consolidation is considered infeasible, the applicant will be required to discuss the reasons supporting that determination.

During SFY 2019-20, DFA will continue to provide incentives to encourage the consolidation of PWSs, especially those systems experiencing serious drinking water public health issues.

Incentives for consolidation may include, but are not limited to:

- Prioritization of Consolidation Projects for DWSRF and associated drinking water funding;

⁶ Consolidation, as defined under Section 116681 of the Health and Safety Code, Subdivision (e), means “joining two or more public water systems, state small water systems, or affected residences not served by a public water system, into a single public water system.”

- Eligible principal forgiveness/grant funding to increase a receiving PWS's water supply capacity if the PWS does not have sufficient capacity to serve the additional customers of the subsumed PWS; if repayable financing is needed to provide additional capacity to consolidate a PWS, it will be provided at zero percent (0%);
- Up to \$10 million in zero percent (0%) interest rate financing from available sources for a construction project that solely benefits a receiving PWS (Incentive Project) when the PWS fully consolidates one or more small water systems or extends service to one or more communities having at least 15 service connections or a year-round population of at least 25 people that are not currently served by a PWS (Consolidation Incentive).

The Consolidation Incentive applies to one DWSRF eligible Project chosen by a receiving PWS. Incentive Projects financing may be combined with other DWSRF financing options to fully fund an Incentive Project. The subsidized financing for the Incentive Project is in addition to any subsidized financing for the associated Consolidation Project.

Additional criteria and application requirements for the Consolidation Incentive include:

- The receiving PWS must submit, at minimum, a [DWSRF General Application Package](#) to DFA before the execution of the funding agreement for the associated Consolidation Project(s).
- The DWSRF application must indicate that it is for an Incentive Project associated with a specific Consolidation Project or group of Consolidation Projects.
- The receiving PWS must complete and submit a full DWSRF application for the Incentive Project within one year of the execution of the funding agreement for the associated Consolidation Project.
- In the case where the Consolidation Project has been designed to include the Incentive Project, then up to \$10 million in zero percent (0%) funding shall apply to those proportional costs that are part of the Incentive Project. The remaining costs associated with the Consolidation Project shall be funded in accordance with the repayable and principal forgiveness/grant financing terms discussed in Section V of this IUP.
- Both the Consolidation Project and the Incentive Project must be construction projects that are eligible for DWSRF funding.

5. Small Water System Reserve

Federal rules require that at least 15 percent (15%) of available DWSRF funding be provided to PWSs that serve less than 10,000 people to the extent that projects for these PWSs are eligible and ready to proceed to a funding agreement (Small Water System Reserve). Based on the DWSRF SFY 2019-20 Funding Target of approximately \$420 million, the minimum that must be reserved for small water systems is approximately \$63 million. Regardless of the minimum federal funding requirements for SWSs, the State Water Board will prioritize DWSRF funding for eligible SWSs that are ready to proceed to a funding agreement, to the maximum extent practicable, bearing in mind all other federal and State requirements regarding the prioritization of DWSRF funding.

6. Green Project Reserve (GPR)

Like prior years' capitalization grants, the FFY 2019 Capitalization Grant may provide for an optional reserve of DWSRF funds for projects to address green infrastructure, water or energy efficient improvements, or other environmentally innovative activities (Green Project Reserve). While DWSRF funding is to be prioritized first for "ready-to proceed" projects that address risks to human health and ensure compliance with safe drinking water standards, the State Water Board also acknowledges the importance of providing for the Green Project Reserve, especially in cases of promoting water conservation through the installation of water meters. The SFY 2019-20 Fundable List includes at least 22 projects that include water meter installations that may be ready-to-proceed to funding in SFY 2019-20 through this Green Project Reserve.

7. Match Financing Option

California is required to contribute to the DWSRF at least one dollar of matching funds for every five federal dollars contributed to the program. Section V.C. provides a more detailed discussion of California's matching contribution to the DWSRF. Offering match financing in accordance with Section VII of the [DWSRF Policy](#), where the applicant provides the funds to match the federal grants, is one way California meets the match requirement.

DFA may offer local match financing to eligible DWSRF program applicants in accordance with Section VII of the DWSRF Policy. DFA will generally use the state's contribution ratio, i.e., one matching dollar for every five federal dollars, for each participating project. If the current interest rate makes a local match loan at the state's contribution ratio uncompetitive, DFA may lower the contribution ratio on any given project so that the imputed interest rate is competitive with the standard DWSRF interest rate for construction financing.

B. RECENT FINANCING ACTIVITY⁷

From July 1, 2018 to March 1, 2019 the State Water Board has provided the following financing from the DWSRF and complementary financing programs.

Table 2: SFY 2018-19 DWSRF Financing to March 1, 2019

	DWSRF Loan	PF	SCG	SCEG	Totals
Number of Agreements⁸	7	3	8	0	18
\$ millions	209.0	2.5	14.7	0.0	226.2

DFA estimates that cumulative, SFY 2018-19 financing by the DWSRF and complementary financing programs will be approximately \$250 million.

⁷ Prop 1 funding activity can be found at http://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1.shtml.

⁸ Two projects received funding from more than one source. Therefore, the number of unique financing agreements was 16.

For SFY 2015-16, total DWSRF and complementary financing equaled \$331 million to 31 projects. For SFY 2016-17, total DWSRF and complementary financing equaled \$307 million to 93 projects. For SFY 2017-18, total DWSRF and complementary financing equaled \$336 million to 72 projects.

C. FINANCIAL OUTLOOK

1. DWSRF Cash Flow⁹ and Funding Target

Appendix A (page 48) shows the forecasted cash flow (sources and uses) of the DWSRF program as of April 2019. Except for capitalization grants, the future cash flow of the DWSRF program can be predicted with reasonable certainty. The estimated cash flow includes:

- The cash balance at the beginning of SFY 2018-19;
- U.S. EPA capitalization grants¹⁰;
- Principal and interest payments on outstanding receivables;
- Investment earnings;
- Disbursements to projects with executed financing agreements;
- Debt service payments;
- Estimated proceeds of the 2019 Green Bonds sale, and

Including the deposit of DWSRF revenue bond proceeds in the spring of 2019, the DWSRF estimated year-end cash balances through June 30, 2023 generally range from \$200 million to \$450 million as seen in Appendix C (page 76). The DWSRF's Municipal Advisor, in cooperation with DFA staff, has analyzed the DWSRF's lending capacity as part of developing this IUP. Given current capitalization and debt levels, and assuming conservative future capitalization, loan terms and earnings levels, and bond and coverage terms, the DWSRF can operate at an estimated sustainable financing level of approximately \$420 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 Funding Target, therefore, for SFY 2019-20 will be \$420 million in new financing.

⁹ The overall cash flow includes the available PF funds.

¹⁰ Based on the recent adoption of the federal budget for FFY 2019 the estimate used for the 2019 Capitalization Grant is \$100 million and is subject to change. Future Capitalization Grants are conservatively estimated at \$70 million per year.

2. DWSRF Additional Subsidy (Principal Forgiveness)

The SDWA allows states to award up to 30 percent (30%) of the federal capitalization grants as “additional subsidy” to PWSs serving disadvantaged communities in the form of principal forgiveness, negative interest rates, or grants. DFA anticipates that, as with the FFY 2018 DWSRF Capitalization Grant, the FFY 2019 Capitalization Grant may also mandate that states provide an additional 20 percent (20%) of the capitalization grant as Additional Subsidy to eligible projects/recipients. However, this additional 20 percent (20%) allocation of Additional Subsidy may not be restricted to PWSs serving disadvantaged communities.

Given the foregoing, and subject to the final FFY 2019 Capitalization Grant terms and conditions, the State Water Board will provide the maximum Additional Subsidy allowed by the FFY 2019 Capitalization Grant. The Additional Subsidy will be provided as principal forgiveness to eligible PWSs that serve DACs and SDACs. Current estimates suggest that the FFY 2019 Additional Subsidy will be approximately \$50 million. Any prior year Additional Subsidy will also be committed to fund eligible projects. However, current estimates suggest that prior year Additional Subsidy will be substantially committed to eligible projects by the end of SFY 2018-19.

It is the intent of the State Water Board to provide for the effective and equitable use of the limited amount of principal forgiveness/grant funds. Therefore, the additional subsidy reserve shall also be prioritized in accordance with the DWSRF Policy and be awarded in accordance to certain affordability criteria detailed in Section III.A.3. The eligible grant and/or principal forgiveness funding amount for any project may also be reduced by the Deputy Director of DFA for good cause.

3. Proposition 1, Proposition 68, and Other Appropriated State Funds

a. Small Community Grant Drinking Water (SCG DW)

The Office of Sustainable Water Solutions was established on March 27, 2015 as a result of the Governor signing [Assembly Bill 92](#). The Office is part of the State Water Board’s 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 and wastewater treatment services, focusing on addressing financial and technical assistance needs, particularly for small disadvantaged communities. The Office provides small disadvantaged and small severely disadvantaged communities low interest loans and principal forgiveness through the DWSRF program and grants through the Small Community Grant Drinking Water (SCG-DW) program utilizing state and federal funds. The Office administers the funds consistent with this IUP and the DWSRF Policy to the extent allowed by federal regulations and state law.

Proposition 1, the Water Quality, Supply, and Infrastructure Improvement Act of 2014 (Assembly Bill 1471, Rendon) authorized \$7.545 billion in general obligation bonds for water projects including surface and groundwater storage, ecosystem and watershed protection and restoration, and drinking water protection. Section 79724 of Prop 1 allocated \$260 million for drinking water grants and loans for PWS infrastructure improvements and related actions to meet safe drinking water standards, to ensure affordable drinking water, or both.

Proposition 68, the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access for All Act of 2018 (Senate Bill 5, De León) authorizes \$7.545 billion in general obligation bonds for water projects including surface and groundwater storage, ecosystem and watershed protection and restoration, and drinking water protection. Section 80140 of Prop 68 allocates \$220 million for drinking water and clean water grants and loans for PWS infrastructure improvements and related actions to improve water quality or help provide clean, safe, and reliable drinking water.

The SCG DW funds from Prop 1 and Prop 68, as well as Props 13, 50, 84 and future state funds, will be administered consistent with this IUP and the DWSRF Policy to the extent allowed by federal regulations and state law. The joint administration of the DWSRF and SCG DW funds allows the State Water Board to leverage the low-interest financing available through the DWSRF program with additional subsidies provided through state bond funds.

To the maximum extent practicable, the State Water Board will direct available SCG DW funds for grants and principal forgiveness to SWSs serving DACs and SDACs. To further assist DACs and SDACs in addressing drinking water emergencies, the State Water Board may also provide SCG DW grants to state agencies that act on behalf of disadvantaged communities where a PWS has been identified as an otherwise eligible applicant.

As of SFY 2017-18 all Prop 1 drinking water funds were substantially committed to eligible projects. If existing encumbrances of Prop 1 funds are de-obligated because projects are completed under budget, then these funds will be made available to eligible projects consistent with State budget authority.

Unlike the DWSRF, which is continuously appropriated, SCG DW funding is appropriated to the State Water Board for a specific period as part of the annual State Budgets. Generally, the State Water Board has three years to encumber plus an additional two years after that to fully liquidate SCG DW appropriations, unless otherwise extended or re-appropriated by the Legislature. \$67.5 million and \$174.3 million of Prop 1 drinking water funds were appropriated to the State Water Board in the SFY 2014-15 and SFY 2015-16 State Budgets, respectively for eligible projects, including projects serving as state match for the DWSRF and administration of Prop 1 funds. The encumbering period for these funds was extended in the SFY 2018-19 budget to June 30, 2021, with a new liquidation deadline of June 30, 2023. The SFY 2018-19 budget also provided approximately \$62.2 million in funding for eligible projects from Prop 68 with an additional \$168.5 million of Prop 68 funds proposed in the Governor's SFY 2019-20 budget.

Additionally, the State Water Board's Groundwater Sustainability Grant Program under Prop 1 may provide grants to PWS serving DACs and SDACs. See the guidelines and funding available from the [State Water Board's Groundwater Sustainability Program](#) for more information.

b. Drinking Water Small Community Emergency Grant (DWSCEG)

The State Water Board may apply a DWSCEG charge as a charge-in-lieu of interest¹¹ to any eligible DWSRF repayable financing in an amount not to exceed the standard interest rate of the financing. Once the charge is applied to an agreement, the rate shall remain unchanged for the duration of the agreement, unless the Deputy Director of DFA determines any of the following:

- The DWSCEG charge is no longer consistent with federal requirements regarding the DWSRF; or
- The DWSCEG charge is no longer necessary; or
- The DWSCEG charge is negatively affecting DFA's ability to fund projects that support the State Water Board's goals.

The revenue generated by this charge shall be deposited into the DWSCEG Fund and used for small SDAC and small DAC drinking water projects after SCG DW and DWSRF principal forgiveness funds are fully encumbered. The DWSCEG charge will be set so that it does not jeopardize the long-term growth of the DWSRF, the State Water Board's ability to leverage the DWSRF, or the State Water Board's ability to collect sufficient charge revenue to administer the DWSRF.

D. DEVELOPMENT OF THE FUNDABLE LIST

To the maximum extent practicable, priority for funding and placement on the Fundable List is given to projects which: 1) address the most serious risk to human health, 2) are necessary to ensure compliance with the requirements of the SDWA, and 3) assist systems most in need on a per household basis. Projects for small SDACs and small DACs have automatically been included on the Fundable List without any further scoring. All other projects were ranked for potential placement on the Fundable List in accordance with Section VI.B of the DWSRF Policy. The DWSRF Policy directs staff to review and approve financing for eligible projects that have complete application packages in the order they are ranked and are ready to proceed to a financing agreement. Once DFA deems an application complete (all the packages have been submitted), DFA will conduct detailed technical, environmental, legal, and financial reviews to determine the applicant's eligibility for DWSRF and associated drinking water funding sources.

¹¹ 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 DWSRF 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.

The DWSRF SFY 2019-20 Fundable List includes both planning and construction projects from all communities that are targeted for an executed financing agreement by June 30, 2020¹². However, projects for small SDACs and small DACs have automatically been included on the Fundable List without any further scoring or assessment of its readiness to proceed to a financing agreement. All other projects have been ranked for potential placement on the Fundable List in accordance with Section VI. C of the DWSRF Policy. State Water Board staff resources and associated eligibility reviews will also be prioritized for the projects included on Fundable List. Specifically, the Fundable List consists of all projects for small SDACs and small DACs or projects that are progressing and anticipated to be approved for financing by the end of June 2020.

The Fundable List includes 250 projects for a total request of approximately of \$1.55 billion (Appendix A, page 48). As described in Table 3, the total loan/repayable financing requested exceeds \$1.18 billion and total PF/grant requested is approximately \$369 million.

Table 3: SFY 2019-20 DWSRF Fundable List Summary by System Size and Project Financing Type

Summary	Projected Number of Projects	Estimated Project Cost	Estimated DWSRF Loan Amount	Estimated PF/Grant Amount
Small Water System Planning	80	\$33,861,768	\$493,740	\$33,368,028
Large Water System Planning	4	\$2,743,500	\$2,257,000	\$486,500
Small Water System Construction	116	\$356,813,973	\$84,720,445	\$269,304,605
Large Water System Construction (Including Expanded SWS)	50	\$2,263,493,434	\$1,093,870,188	\$65,760,366
TOTAL	250	\$2,656,912,675	\$1,181,341,372	\$368,919,499

Several projects on the Fundable List have been approved for financing as of March 1, 2019 and may receive an executed agreement by June 30, 2019. Two projects may be co-financed with the Clean Water State Revolving Fund because they appear to be eligible for either program¹³.

¹² The DWSRF SFY 2019-20 Fundable List includes projects with eligible principal forgiveness/grant funding requests that currently exceeds the available balance of additional subsidy. Nonetheless, these projects are included on the DWSRF SFY 2019-20 Fundable List in the event other grant funding sources become available to the State Water Board.

¹³ The amounts on the Fundable List for projects or interrelated programs that are recommended for partial repayable funding may be allocated or reallocated to multiple financing agreements at the request of the applicant. 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 DWSRF. 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. The funding amounts are subject to potential increase in a future IUP. Each applicant recommended for partial funding appears capable of obtaining the remaining financing necessary to successfully complete the projects or interrelated programs.

E. FINANCING FORECAST

The State Water Board acknowledges that the principal forgiveness/grant requested on the 2019-20 Fundable List currently exceeds the estimated balance of principal forgiveness and grant funds. Therefore, projects requesting principal forgiveness or grant will be prioritized based on their public health ranking and their actual readiness to proceed to a funding agreement per the DWSRF Policy and this IUP. DFA anticipates that all available principal forgiveness and grant funds will be committed by June 30, 2020.

Past experience also indicates that many of the SWS applicants will require technical assistance and that not all the 196 SWS planning and construction projects will be ready for a funding agreement by SFY 2019-20. DFA will execute financing agreement with as many SWS as possible and continue to assist the remaining communities toward a financing agreement so they are ready to sign an agreement quickly when funds do become available. Although the SFY 2019-20 Fundable List includes projects that cumulatively exceed the repayable Funding Target, and the Deputy Director of DFA, or designee, may add projects to the Fundable List in accordance with the bypass procedure in the DWSRF Policy, DFA recommends approval of the List. Average financing over the previous six years has been approximately \$275 million dollars annually – considerably below the estimated sustainable capacity of \$420 million per year. In addition, given the current slowdown in new commitments, the Fundable List should promote ready to proceed projects.

F. FUTURE FINANCING TRENDS

The current application/commitment trends suggest that the State Water Board can fund additional projects with DWSRF program repayable financing. The ability of the DWSRF program to leverage current assets is underutilized at present, and DFA continues to emphasize projects that are “ready-to-proceed to a financing agreement.”

If DFA is successful at making a substantial portion of the commitments on the recommended 2019-20 Fundable List, additional capital through the sale of DWSRF revenue bonds may be required. DFA will continue to evaluate the need for additional revenue bonds relative to average long-term funding levels and the State Water Board’s guidance in the *SRF Debt Management Policy*.

Principal forgiveness and grants will be available in SFY 2019-20, but it will be necessary this year to prioritize the requests for this funding due to their limited availability. Principal forgiveness is expected to continue to be available from the capitalization grants. However, it is likely that requests for principal forgiveness and grant funds will continue to outpace the availability of those non-repayable funds. Therefore, DFA and DDW will continue to prioritize projects receiving those funds based on readiness to proceed to a financing agreement and to projects addressing the most pressing public health risks.

G. DWSRF RESOURCES AND WORKLOAD

1. Organization, Program Resources, and Skills

Approximately 34.9 Personnel Years (PY) are budgeted for the DWSRF Program¹⁴ in SFY 2019-20 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:

- 3.4 PYs for Environmental Scientists to ensure compliance with state and federal environmental and cultural resources requirements (DFA);
- 14.5 PYs for Water Resources Control Engineers and Sanitary Engineers to manage project applications (DFA), and provide technical assistance, with approximately 10 PYs dedicated to processing applications from SDACs and DACs and providing associated technical assistance.¹⁵
- 7.1 PYs for administrative support (DFA);
- 7.8 PYs for Program management and staff oversight (DFA);
- 0.4 PYs for legal support (OCC); and
- 1.7 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 DWSRF 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 DWSRF program. Approximately \$4,244,639 is budgeted for the following contract services:

- Independent accounting firm for annual audits;
- Outside legal counsel for specialized tax and bond advice;
- Vendor to provide maintenance for the Loans and Grants Tracking System (LGTS); and
- Independent Municipal Advisor
- Technical Assistance to public water systems in support of the Capacity Development Strategy and other related services

¹⁴ In addition to positions funded directly by the DWSRF, the State Water Board has other state-funded positions associated with its associated funding programs as noted earlier. Many projects may be financed by a combination of DWSRF 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 DWSRF program and vice versa.

¹⁵ These DWSRF staff members are part of the Office of Sustainable Water Solutions within DFA, which includes two supervising engineers, six senior engineers, one senior specialist, and 30 technical staff dedicated to addressing both drinking water and wastewater funding and technical assistance needs of small SDAC and small DACs.

2. Loan Servicing and Program Administration

Servicing existing agreements and fulfilling ongoing program requirements represents a significant workload for the DWSRF staff. There are approximately 226 DWSRF program agreements in repayment. Payments on these agreements are generally collected two times per year, and DFA conducts regular surveillance on many of these recipients. At present, the DWSRF is servicing approximately 108 agreements in disbursement. On average, staff typically process over 400 DWSRF 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 DWSRF program sold revenue bonds in SFY 2018-19 and may sell additional bonds in the future. The outstanding revenue bonds will require separate accounting of payments from pledged obligations, semi-annual bond payments, and create specific monitoring, reporting, and continuing disclosure actions. The DWSRF program prepares annual financial statements that are audited independently, the DWSRF 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 DWSRF program currently comes from the capitalization grants awarded yearly by U.S. EPA via the DWSRF Administration Set-Aside. See Section IV.A. below for budgeted use of the 2019 DWSRF Administration Set-Aside. The DWSRF Administration Set-Aside is limited to the greatest of: \$400,000, one-fifth percent of the current valuation of the fund, or an amount equal to 4 percent of all grant awards to the fund for the fiscal year. Since the inception of the DWSRF program, the DWSRF Administration Set-Aside from U.S. EPA capitalization grants has provided a reliable source of funding for the administration of the DWSRF program.

Similarly, Section 116761.70 of the Health and Safety Code allows the State Water Board to apply an annual service charge¹⁶ on a financing agreement where revenue generated by this service charge is deposited into the DWSRF Administrative Fund and may be used for administration. 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. The revenue generated by this charge shall be deposited into the DWSRF Administrative Fund. Since the service charge is a percentage of the outstanding principal on each agreement, it 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

¹⁶ For federal purposes, the DWSRF Administrative Fund service charge is a fee “other than program income not included as principal in DWSRF 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.

Fund revenue consistent with the budget established by the Governor and the Legislature for the DWSRF program.

The State Water Board will continue an Administrative Service charge rate of one percent (1%); this shall be the effective rate until the State Water Board establishes a different rate. The State Water Board also anticipates applying this charge to agreements in SFY 2019-20 to eventually provide further administrative funding for the DWSRF program and thereby make DWSRF Set-Aside funds available for other eligible purposes. The Administrative Service charge may also eventually offset declining administration funds from Prop 1 and Prop 68 and the need to continue supporting the administration of projects jointly funded by those propositions and the DWSRF. However, the actual expenditure of funds from the DWSRF Administrative Fund is still dependent upon appropriation from future State budgets.

H. RISKS

The following are financial or programmatic risks to the DWSRF Program. DFA management will focus on identifying potential problems and acting early to maintain the integrity and success of the DWSRF 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 DWSRF 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 concerns. DFA will prioritize applications consistent with this IUP and the DWSRF 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 DWSRF Policy or further adjustments to its application and the application review process.

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, DWSRF 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 DWSRF 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, DWSRF 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, 2019. 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 DWSRF and increases the number of projects funded.

After financing is approved, the recipient must start and complete planning or 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 DWSRF program'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 DWSRF has several options. The DWSRF program has considerable assets it can leverage through revenue bond sales in the municipal bond market or through the Water Infrastructure Finance and Innovation Act (WIFIA) program to obtain additional cash. The State Water Board can prioritize or limit new commitments or potentially negotiate disbursement schedules with applicants. The DWSRF 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. Excess cash provides no water quality benefit for California. DFA will use its marketing, customer assistance, and project development resources to maintain a pipeline of projects 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 DWSRF Policy, DFA will implement prudent lending standards and borrower surveillance practices that safeguard the DWSRF program's equity. The State Water Board also contracts with a professional financial advisor to provide additional financial expertise.

The DWSRF 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 SCG DW funds in SFY 2019-20 to reduce debt service and default risk for small SDACs and small DACs or projects that regionalize water infrastructure. Additional subsidies for small SDACs and small DACs will reduce borrowing costs and the risk of default. Additionally, the State Water Board can offer water-related technical assistance to SDACs and DACs in areas such as evaluating project alternatives, financial management, rate setting, and operation and maintenance.

5. Accountability and Oversight

The DWSRF 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 Project Benefits Reporting (PBR) system on use of the funds. Among other parameters, the reporting systems will evaluate the number of California DWSRF program projects that provide the following public health benefits:

- Achieve compliance with SDWA;
- Maintain compliance with SDWA; and
- Meet future requirements of SDWA

The State Water Board will enter project benefits information into PBR by the end of the quarter in which a funding agreement is signed and will enter NIMS data by U.S. EPA's annual deadline (generally end of August).

The State Water Board will also use the Federal Funding Accountability and Transparency Act (FFATA) reporting system to report on all DWSRF program equivalency projects (i.e., projects meeting all the federal cross-cutting requirements whose sum is at least equal to or greater than the capitalization grant amount less any non-applicable set-aside funds).

In addition, U.S. EPA reviews the management and performance of the DWSRF annually. The results are summarized in its annual [Program Evaluation Reports](#). The DWSRF 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 DWSRF outstanding bond debt. The DWSRF 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.

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.

DRAFT

IV. SET-ASIDE ACTIVITIES

In addition to the project funding discussed in Section III, the SDWA allows each state to set aside up to 31 percent (31%) of its federal capitalization grant to support various DWSRF and DDW program activities, including (1) the administration of the DWSRF, (2) small water system technical assistance, (3) PWS supervision by DDW and (4) other technical assistance to PWSs in support of technical, managerial, and financial capacity development. The Set-Asides are especially beneficial to SWSs serving SDACs and DACs. The Office of Sustainable Water Solutions in DFA uses the technical assistance, in conjunction with subsidized project financing from the DWSRF and state sources, to help SWSs achieve compliance with safe drinking water standards, establish and maintain TMF compliance, and foster consolidation.

For SFY 2019-20, the State Water Board will set-aside 26 percent (26%) of the 2019 Capitalization Grant for set-aside activities as further described below. The State Water Board will submit detailed work plans to U.S. EPA for approval in accordance with federal requirements; the Deputy Director of DFA may adjust the 2019 Capitalization Grant budget between these activities for good cause. DFA will report on the progress of set-aside activities to U.S. EPA in its DWSRF Annual Report. The State Water Board is also committed to maintaining a set-aside spending rate in accordance with U.S. EPA Memorandum from Peter Grevatt, Director, Office of Ground Water and Drinking Water, dated April 14, 2014, *Drinking Water State Revolving Fund (DWSRF) Unliquidated Obligations (ULO) Reduction Strategy*.

A. ADMINISTRATION SET-ASIDE

The DWSRF Administration Set-Aside will fund administration of the DWSRF program in SFY 2019-20. This will include the review and processing of drinking water funding applications, project management and general oversight of DWSRF construction and planning projects. The DWSRF Administration Set-Aside will also cover the costs for accounting, legal, budgetary, and general management and oversight of the DWSRF, and may be used for the contracts listed below. The DWSRF Administrative Set-Aside Work Plan for SFY 2019-20 will contain detailed information about the specific tasks and full-time equivalent personnel that will be supported in DFA by the DWSRF Administration Set-Aside.

Max Allowed:	4%	
Budgeted from FFY 2019 Grant:	4%	\$4,000,000 (estimate)

Contracts:	DWSRF Annual Audit of Financial Statements include Single Audit	\$150,000 (estimate)
	EPA/Northbridge Environmental Management Consultants Maintenance Contract for the State Water Board's Loans and Grants Tracking System (LGTS)	\$100,000 (estimate)

B. SMALL WATER SYSTEM TECHNICAL ASSISTANCE SET-ASIDE

The SWSTA Set-Aside will fund DFA technical assistance to small PWSs serving less than 10,000 people, particularly those systems with fewer than 200 service connections. SWSTA will help SWS applicants establish eligibility for DWSRF or complementary funding and provide other technical assistance necessary for project development. The SWSTA Set-Aside may also fund the contracts identified below for technical assistance to SWSs in support of project environmental documentation. The DWSRF Small Water Systems Technical Assistance Work Plan for SFY 2019-20 will contain detailed information about the specific tasks and full-time equivalent personnel that will be supported in DFA by the DWSRF SWSTA Set-Aside.

Max Allowed:	2%	
Budgeted from FFY 2019 Grant:	2%	\$2,000,000 (estimate)

Contracts:	California Department of General Services- Environmental Services	\$300,000 (estimate)
------------	--	----------------------

C. STATE PROGRAM MANAGEMENT SET-ASIDE

The State Program Management Set-Aside will be used to partially fund DDW's administration of the State Water Board's PWSS program. The set-aside will supplement the annual PWSS grant from U.S. EPA and the charges paid by California's regulated PWSs. The Set-Aside will provide funds for DDW's permitting, inspection, compliance, and monitoring activities in accordance with the SDWA and delegated PWSS responsibilities by U.S. EPA. The DWSRF State Program Management Set-Aside Work Plan for SFY 2018-19 will contain detailed information about the specific tasks and full-time equivalent personnel that will be supported in DDW by the DWSRF State Program Management Set-Aside.

Max Allowed:	10%	
Budgeted from FFY 2019	10%	\$10,000,000 (estimate)

Contracts:	N/A	
------------	-----	--

D. LOCAL ASSISTANCE SET-ASIDE

The Local Assistance Set-Aside will fund third-party contractors who provide technical assistance to PWSs as part of the Capacity Development Strategy as noted below. This may include assistance with the development of a DWSRF funding application. The Local Assistance Set-Aside will also fund DFA staff who provide technical assistance to PWSs as part of developing TMF capacity and establishing eligibility for DWSRF or complementary funding. Finally, the Local Assistance Set-Aside may also fund DDW's technical assistance to PWSs to support the State Water Board's Capacity Development Strategy as part of DDW's regulatory oversight of California's PWSs. The DWSRF Local Assistance Set-Aside Work Plan for SFY 2019-20 will contain detailed information about the specific tasks and full-time equivalent personnel that will be supported in DFA by the DWSRF Local Assistance Set-Aside.

- Assist in preparing preliminary engineering, funding application, required documents for DWSRF financing, and navigating the DWSRF funding process.
- Develop and conduct training workshops covering all aspects of PWS operation and maintenance and legal responsibilities of PWS board members.
- Develop and conduct workshops for the treatment of arsenic and nitrate.
- Conduct income surveys to determine a community's median household income.
- Conduct water rate studies.
- Participate in networking and outreach events to increase PWS sustainability by promoting regionalization and consolidation efforts.
- Assist SWSs in procuring necessary engineering and other contracting services.
- Provide community education services, i.e., facilitate public meetings to inform customers of utility rate increases needed to cover operation and maintenance costs because of new treatment facilities.
- Monitor the requirements for funding placed on SWSs to ensure that conditions for funding are met within stated timelines.
- Assist SWSs in assessing the current level of TMF capacities.
- Assist existing SWSs with permit applications.
- Assist SWSs in the consolidation, annexation, and formation of joint power agreements between two or more PWSs.
- Assist SWSs with the submittal of claims and processing of payments to contractors for planning and infrastructure improvement projects funded by the State Water Board.

In addition to the baseline PWS technical assistance provided under the DWSRF Local Assistance Set-Aside, DFA may direct a percentage of the funds available from Prop 1 to a multi-disciplinary technical assistance program. The Office has implemented this program. More information is available online at

http://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1/tech_asst_funding.shtml.

Max Allowed:	10%	
Budgeted from FFY 2019	10%	\$10,000,000 (estimate)

Contracts:	California Rural Water Association	\$1,441,392 (estimate)
	Rural Community Assistance Corporation	\$1,324,154 (estimate)
	Self-Help Enterprises	\$358,756 (estimate)

V. FINANCING AND PROGRAMMATIC REQUIREMENTS

A. TECHNICAL MANAGERIAL AND FINANCIAL (TMF) CAPACITY

A PWS must demonstrate TMF capacity to be eligible for construction funding, regardless of the amount or type of funding provided, and to receive a permit to operate a drinking water facility from DDW. The State Water Board conducts TMF capacity assessments of all drinking water construction applicants to ensure sustainability, resilience, and responsible use of public funds. Where a state agency applicant acts on behalf of a disadvantaged community in applying for state grant funding, the State Water Board will analyze the TMF capacity of the appropriate PWS. If a system does not have adequate TMF capacity, construction funding may only be provided if it will help the PWS achieve TMF capacity.

1. Technical Capacity

To demonstrate technical capacity, PWSs must show that their systems' drinking water sources are adequate; that the treatment, distribution, and storage infrastructure are adequate; and that system personnel have the technical knowledge to efficiently operate and maintain the system. As part of reviewing a funding application, the State Water Board will review the engineering reports, plans and specifications as well as the PWS's records to verify that the system is being properly operated and maintained.

2. Managerial Capacity

To demonstrate managerial capacity, the PWS must have personnel with expertise to manage the operation of the entire water system. The State Water Board will review the PWS's managerial capacity to assure that management is (1) involved in the day-to-day supervision of the water system, (2) compliant with all required regulations, (3) available to respond to emergencies, and (4) capable of identifying and addressing all necessary capital improvements and assuring financial viability. The State Water Board will also review records to ensure that the PWS is staffed with a qualified water operator in accordance with the State's Operator Certification Program.

3. Financial Capacity

A PWS must demonstrate it has the financial capacity to own and operate its water system, including the proposed construction project, as a condition for the award of construction financing. The PWS must show that the system has sufficient revenues to cover necessary operation and maintenance costs and demonstrate credit worthiness with adequate fiscal controls. The PWS must also demonstrate financial planning for future capital improvements, including providing any water rate studies to demonstrate overall financial capacity. The State Water Board will review the PWS's project budget, audited annual financial reports, and other financial information to determine whether the PWS has adequate financial capacity to operate and maintain its system, including the proposed infrastructure project.

A PWS may not be required to demonstrate financial capacity to operate and maintain its water system, including a proposed infrastructure, to receive a planning funding agreement.

Instead, a planning funding agreement may be used to assist a PWS in establishing its financial capacity to operate and maintain its system, including a proposed infrastructure project, in preparation for an eventual construction funding agreement. Examples of tasks financed with planning funds may include water rate studies, budget development, Prop 218 technical assistance, and capital improvement planning.

B. CAP GRANT PAYMENTS AND DRAWS

1. Federal DWSRF Capitalization Payments

Based upon the State Water Board’s cash flow for SFY 2019-20, the State Water Board has requested the following federal payment schedule from U.S. EPA for the 2019 Capitalization Grant, as detailed in Table 4 below.

Table 4: 2019 Capitalization Grant Payment Schedule

FFY	Payment Date	Percentage of Cap Grant	Estimated Amount	Description	Site Code*
2019	Award Date	4%	\$4,000,000	DWSRF Administration Set-Aside	DD
2019	Award Date	2%	\$2,000,000	SWS Technical Assistance Set-Aside	DE
2019	Award Date	10%	\$10,000,000	State Program Management Set-Aside	DF
2019	Award Date	10%	\$10,000,000	Local Assistance & Other Programs Set-Aside	DG
2019	Award Date	74%	\$74,000,000	Loan Fund	DA

*Site Codes reference the federal accounts in which the various loan and set-aside funds of a capitalization grant are deposited and made available for liquidation by the State Water Board.

2. DWSRF Federal Draw Schedule and Estimated DWSRF Project Disbursements

Appendix H (page 81) represents the State Water Board’s anticipated federal draw schedule for SFY 2019-20 as well as the anticipated liquidation of the 2019 Capitalization Grant in SFY 2019-20. The federal draw schedule assumes U.S. EPA’s “first-in-first-out” policy for liquidating DWSRF capitalization grants. Therefore, the draw schedule includes the anticipated liquidation of the balances of the 2015, 2016, 2017, and 2018 DWSRF capitalization grants.

Current cash flow projections suggest that the 2019 DWSRF Capitalization Grant may not be liquidated until late calendar year 2020, due to the expenditure rate of the set-asides. The State Water Board will also disburse the 2019 State Match in accordance with procedures detailed in Section V.C of this IUP.

C. 2019 STATE MATCH SOURCE AND PROPORTIONALITY DRAW

The SDWA requires states to provide a 20 percent (20%) match to the capitalization grants received from the federal government. California's DWSRF has been capitalized with a variety of state match sources including general fund appropriations, general obligation bonds, short-term financings with the California Economic and Infrastructure Bank, and local match funds.

The State Water Board has allocated a portion of the Prop 1 Drinking Water funds for use as state match. Both DWSRF repayable and principal forgiveness funds may be counted as match consistent with federal DWSRF rules. The balance of Prop 1 Drinking Water funds may be awarded as repayable financing, grants, technical assistance, and Drinking Water Capital Reserve funds.

The 2019 State Match will be provided through an existing \$241.8 million state budget appropriation from Prop 1. A portion of the \$241.8 million Prop 1 appropriation will be allocated as 2019 State Match for repayable financing or principal forgiveness to eligible drinking water projects under the DWSRF and Prop 1. As of June 30, 2019, an estimated \$115.8 million of Prop 1 drinking water funds will have been allocated and encumbered as state match for repayable financing and principal forgiveness/grant funding to drinking water projects eligible under both the DWSRF and Prop 1, as set forth in this IUP. When considering the estimated \$20 million in Prop 1 state match for the 2019 Capitalization Grant, Prop 1 will have also provided an additional \$64.9 million in over-match for future capitalization grants. Table 5 below documents the state match provided from the SFY 2014-15 and SFY 2015-16 Prop 1 drinking water appropriations.

Table 5: SFY 2014-15 and SFY 2015-16 Prop 1 \$241.8 million Prop 1 Local Assistance Appropriation Allocation for DWSRF State Match

California Prop 1 Drinking Water Appropriation	Prop 1 Drinking Water Appropriation Allocation for DWSRF State Match
2015	\$32,659,746.80
2016	\$83,119,826.00
Total	\$115,779,572.80

Based on a projected 2019 Capitalization Grant of \$100 million, the 2019 set-aside amount of \$26,000,000 and the 2019 state match of \$20,000,000, the disbursement proportionality for the 2019 Capitalization Grant is 78.72% / 21.28% (Federal/State). However, the State Water Board will have disbursed the entire state match for the 2019 Capitalization Grant prior to drawing funds from the grant. Therefore, the draw ratio of federal capitalization funds for the 2019 capitalization grant will be 100%.

D. APPLICATION OF FEDERAL CROSS-CUTTERS

Construction projects partially or fully funded by the DWSRF program must generally comply with federal laws¹⁷ commonly known as “cross-cutters.” The State Water Board will ensure that DWSRF financing recipients comply with applicable federal laws through a variety of program procedures. The DWSRF financing agreements will generally include a list of applicable federal statutes and requirements taken from the most recent capitalization grant. All projects funded through the DWSRF or SCG-DW programs will be required to comply with federal cross-cutters unless waived by the Deputy Director of DFA for good cause. Described below are those federal cross-cutters that often require greater efforts of compliance by DWSRF/ SCG-DW funding recipients.

All set-aside activities will be performed in accordance with the Civil Rights Act of 1964, section 504 of the Rehabilitation Act of 1973, and the Age Discrimination Act of 1975. All other cross-cutters applicable to the set-aside activities will be adhered to.

1. Environmental Cross-Cutters

In addition to the requirements of the California Environmental Quality Act, a suite of federal environmental requirements are applied to projects receiving DWSRF funding. The State Water Board will use its State Environmental Review Process (SERP) to review project applications submitted for funding during SFY 2019-20. The State Water Board staff will consult with the appropriate federal agencies on projects as required by the SERP.

All applicants must provide a completed Environmental Package as part of their DWSRF Construction Applications. State Water Board staff will conduct an initial review to verify a complete package has been received and identify any missing information. Once all required environmental documents have been received, the State Water Board staff will conduct a thorough review of all items to determine whether 1) sufficient information has been provided to enable the State Water Board to make environmental determinations, 2) consultation(s) are required with relevant state and federal agencies, and/or 3) if any additional information is needed.

2. Davis-Bacon

Federal Davis-Bacon rules apply to the construction activities carried out in whole or in part with assistance made available by the DWSRF. The State Water Board, therefore, will continue to require that DWSRF recipients comply with Davis-Bacon rules. Recipients of DWSRF financing must also agree to provide information necessary to show compliance with Davis-Bacon requirements as a condition of DWSRF funding.

¹⁷ See also Appendix O of the DWSRF Policy.

3. Generally Accepted Accounting Principles (GAAP)

Federal rules require that recipients of DWSRF 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.

4. American Iron and Steel (AIS)

Federal rules require DWSRF 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.

5. Disadvantaged Business Enterprise

DWSRF funding recipients will generally be required to seek and encourage the “fair share” employment of businesses categorized as [Disadvantaged Business Enterprises \(DBE\)](#) for the DWSRF funded project. This requirement will apply to all sub-agreements of the DWSRF funded project for equipment, supplies, construction, and services. Additional reporting to the State Water Board on the outcomes of DBE activities will also generally be required of DWSRF funding recipients. However, recipients with planning projects funded by the DWSRF will not be required to comply with federal DBE requirements.

6. Single Audit Act

Federal rules require DWSRF recipients to comply with applicable provisions of the federal Single Audit Act of 1984, OMB Circular No. A-133 and 2 CFR Part 200, subpart F, and updates or revisions, thereto. The State Water Board will include applicable Single Audit Act provisions in all DWSRF funding agreements and require Single Audit Act reporting by recipients if they receive more than \$750,000 in combined federal funds for a given fiscal year.

E. CAPITALIZATION GRANT CONDITIONS AND OTHER FEDERAL REQUIREMENTS

The State Water Board will comply with all conditions included in the 2019 Capitalization Grant agreement and will require that DWSRF financing recipients also comply with applicable federal pass-through requirements. Provisions specific to the FFY 2019 appropriation will take effect only if the State Water Board receives the FFY 2019 Capitalization Grant and will apply only as directed by Congress or U.S. EPA. The State Water Board will require that recipients of DWSRF financing must agree to provide information necessary to show compliance with all applicable federal requirements.

F. OTHER STATE AND STATE WATER BOARD REQUIREMENTS

Other State laws not specific to the DWSRF/SCG-DW may also apply to projects¹⁸ funded in SFY 2019-20. These may include but are not limited to laws affecting urban water suppliers, charter cities, agricultural water users, projects located in the Delta and debt reporting.

Commencing with construction of a project and continuing throughout the reasonably expected useful life of the project, recipients must implement practices substantially equivalent to the urban water conservation “best management practices” of the *Memorandum of Understanding Regarding Urban Water Conservation in California*.

To be eligible for DWSRF and SCG-DW funding, a project proposed by a PWS owned by a for-profit entity or a not-for-profit water company, including utilities regulated by the Public Utilities Commission, shall have a clear and definite public purpose and shall solely benefit the customers of the PWSs.

The costs of purchasing water systems may be eligible under the DWSRF/SCG-DW, including associated water rights. However, acquisition of real property, right-of-way, and easements are eligible only if integral to the project. The eligible cost is limited to the fair market value as determined by a California licensed appraiser. DFA will determine real property eligibility.

As a condition of eligibility for planning funding, DWSRF/SCG-DW applicants shall submit evidence to DFA of a contract for professional engineering services between the funding recipient and its engineering consultant(s) unless waived for good cause as determined by the Deputy Director of DFA. This agreement shall include the scope of work, cost, and deliverable due dates. DFA will review the budget and identify costs that are ineligible or raise questions related to waste, fraud, or abuse. DFA will also review the professional services agreement(s) for compliance with applicable DWSRF federal and state requirements.

DFA will continually to evaluate all planning/design expenditures and deliverables of funding recipients to ensure the most cost-effective project is developed and to protect against potential waste, fraud or abuse of DWSRF/SCG-DW funds. Suspected cases of waste, fraud or abuse of DWSRF/SCG-DW funds may be forwarded to the U.S. EPA Office of Inspector General, the California Department of Finance, the State Water Board’s Office of Enforcement, and/or the California Bureau of State Audits for further audit and investigation.

DWSRF/SCG-DW construction funding recipients will be required to submit construction contracts to DFA for review of their compliance with applicable state and federal funding requirements. DFA will incorporate the approved construction budget into the funding agreement.

¹⁸ See also Appendix O of the DWSRF Policy.

Although the DWSRF 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.

G. OTHER ASSURANCES AND CERTIFICATIONS

1. The State has the authority to establish a fund and to operate the DWSRF program in accordance with the SDWA

In California, the responsibility for regulating PWSs and overseeing the safety of drinking water rests with the State Water Board. U.S. EPA recognized California's primacy status beginning in 1978, and has acknowledged the State Water Board's primacy authority, effective July 1, 2014.

2. The State will comply with state statutes and the DWSRF Policy Handbook

State statutes governing California's DWSRF program are set forth in California's Health & Safety Code, Division 104, Part 12, Chapter 4.5, commencing with section 116760. The state statutes and DWSRF Policy conform to federal requirements. California will implement its DWSRF program in compliance with all applicable state and federal laws, regulations, and guidelines.

3. The State will deposit all capitalization grant funds in the DWSRF or Set-Aside Accounts

The State Water Board will maintain identifiable and separate accounts for all portions of the capitalization grant to be used. The capitalization grant will be deposited into either the DWSRF or the set-aside accounts.

4. The State will deposit revenues generated from the DWSRF Administration Charge and the DWSCEG Charge into their respective funds

In accordance with Health and Safety Code § 116761.70, the State Water Board will deposit revenues generated from the DWSRF Administration Charge into the Safe Drinking Water State Revolving Fund Administration Fund. The State Water Board will also deposit revenues generated from the DWSCEG Charge into Safe Drinking Water Small Community Emergency Grant Fund, in accordance with Health and Safety Code § 116760.46.

5. The State will deposit net bond proceeds, interest earnings, and repayments into the DWSRF

All interest, earnings, principal repayments, and other proceeds will be deposited into the DWSRF.

6. The State will adopt policies and procedures to ensure that borrowers have a dedicated source of revenue for repayments (or in the case of a privately-owned system, demonstrated that there is adequate security)

The State Water Board has developed policies and procedures for ensuring that borrowers have a dedicated source of repayment and that privately owned systems have adequate security. These policies and procedures are contained in the State Water Board's DWSRF Policy.

7. The State will commit and expend funds as efficiently as possible, and in an expeditious and timely manner

The IUP explains how the State Water Board will use DWSRF funds. The State Water Board will commit and expend both 2019 Capitalization Grant and associated state match funds as efficiently as possible, and in an expeditious and timely manner. The State Water Board will enter into binding commitments with recipients equal to the total amount of each 2019 Capitalization Grant payment and proportional 2019 State Match within one year of each 2019 Capitalization Grant payment. Additionally, the State Water Board will use cash-flow modeling to over-commit cash and undrawn federal funds to continually and timely disburse 100 percent (100%) of those funds.

8. DWSRF funds will be used in accordance with this SFY 2019-20 IUP

The State Water Board will use DWSRF funds in SFY 2019-20 in accordance with this IUP.

9. The State will provide the U.S. EPA with an Annual Report on the performance of the DWSRF

The State Water Board will publish a SFY 2019-20 DWSRF Annual Report on the uses of the DWSRF funds during SFY 2019-20 and provide a final draft of the SFY 2019-20 DWSRF Annual Report to U.S. EPA Region 9. The report will document the projects funded through the DWSRF; financial and programmatic outcomes of the DWSRF; and summarize the accomplishments of the DWSRF program as it relates to the long-term and short-term goals contained within this IUP and the tasks included in the associated DWSRF work plans.

H. CROSS-COLLATERALIZATION

The State Water Board will implement cross-collateralization between the DWSRF and the CWSRF loan programs as necessary to support the goals and objectives of the State Water Board as documented in the [Operating Agreement for Implementing and Managing the Drinking Water State Revolving Fund Program between the State of California and the United States Environmental Protection Agency Region IX](#), as amended March 2019.

DRAFT

VI. OUTCOMES, GOALS, ACTIVITIES, AND MEASURES

The following are the short-term and long-term goals of the State Water Board for its administration of the DWSRF. These goals will help the State Water Board maximize and prioritize its staff and funding resources.

A. PRIORITIZING DWSRF FUNDS FOR PUBLIC HEALTH BENEFITS

Long-Term Goals

1. **Address Significant Risks to Public Health:** DFA will coordinate with DDW to ensure that DWSRF and all available drinking water funding is targeted to address the most significant public health and compliance issues.
2. **Promote SDWA Compliance:** DFA will continue to provide and prioritize subsidized financing for planning and construction that addresses SDWA compliance. DFA will also coordinate with DDW on the use of set-asides to promote the development of TMF for all PWSs (especially small CWSs) to achieve or maintain compliance with State drinking water standards and federal SDWA requirements.
3. **Improve Affordability and Sustainability:** DFA will continue to strategically use the DWSRF additional subsidy, set-aside funds and all available Drinking Water funds to achieve affordable compliance, especially for small severely disadvantaged and small disadvantaged communities. Also, DFA will continue to use DWSRF funds to maximize opportunities for consolidation, in coordination with DDW, to increase economies of scale to improve project affordability and PWS sustainability.

Short-Term Goals

1. Identify public health issues and evaluate solutions for SWSs, including technical assistance and consolidation where feasible.
2. Ensure that the maximum allowable amount of the 2019 Capitalization Grant is provided to eligible recipients in the form of additional subsidy (i.e., forgiveness of principal).
3. Prioritize all available DWSRF funding for PWSs serving fewer than 10,000 people to the maximum extent practicable and in consideration of all other federal and state authorities governing the prioritization of DWSRF funding.
4. Reduce instances of noncompliance with drinking water standards by providing technical and consolidation assistance to SWSs with significant SDWA violations, including those PWSs that are violating the arsenic maximum contaminant level (MCL).
5. Continue to require PWSs receiving assistance to undergo a TMF assessment to improve sustainability and resiliency.
6. Develop criteria and procedures for evaluating financial capacity of water systems.

7. Identify vulnerabilities to proposed project facilities because of climate change effects as well as mitigate the impacts that facilities may have on the climate.

B. MANAGE THE DWSRF RESPONSIBLY TO ENSURE ITS PERPETUITY

Long-Term Goals

1. **Use revenue and capital effectively:** Maximize the funding capacity of the DWSRF while minimizing long-term costs to the DWSRF to maximize safe drinking water results. In accordance with the CWSRF/DWSRF *Debt Management Policy*, the State Water Board may also consider leveraging the DWSRF for greater funding capacity. However, additional debt should be balanced against the long-term financial health of the program and the federal requirement to maintain the DWSRF in perpetuity.
2. **Maintain financial integrity:** Financial integrity is a core value of the DWSRF 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 DWSRF program.
3. **Provide good customer service with a special emphasis on assisting DACs.** Ensure that the application forms and review procedures are clear, flexible, up-to-date, and efficient. Ensure staff is well trained and ready to help applicants resolve technical, legal, environmental, and financial issues needed to receive financing. Effectively communicate the status of funding applications as well as the general availability of DWSRF funding through a variety of channels.

Short-Term Goals

1. Continue marketing and outreach efforts to PWSs, including application status reports, Spanish translation services, newsletters, and social media to advertise the availability of technical assistance to assist small, and disadvantaged communities as well as large PWSs.
2. Continue regular staff level finance/audit coordination meetings to ensure the immediate and long-term health of the DWSRF.
 - a. Review cash flow forecasts of existing and potential commitments to assess the State Water Board's ability to meet its DWSRF commitments and to evaluate the need for leveraging or actions to regulate cash flows.
 - b. Compare actual performance with targeted performance measures.
 - c. Verify compliance with post-issuance tax compliance and continuing disclosure requirements associated outstanding DWSRF bonds.
 - d. Review audit issues, program control issues, and prepare for any anticipated audits.
3. Continue to maximize all available DWSRF state match sources for future capitalization grants, including DWSRF Local Match financing options.

C. ENSURING TIMELY AND EXPEDITIOUS USE OF DWSRF FUNDS

Long-Term Goals

1. **Ensure the timely commitment and disbursement of DWSRF funds:** Prioritize staff and financial resources to the maximum extent possible to ensure that the State Water Board can timely disburse DWSRF funds on existing obligations before considering new obligations.
2. **Maximize cash flow and the disbursement of funds:** Engage in the over-commitment of DWSRF funds based upon cash-flow modeling of projected disbursements relative to anticipated receipt of repayments and other funding sources, including leveraged funds.

Short-Term Goals

1. Apply for and accept the anticipated 2019 Capitalization Grant from U.S. EPA. Upon award, commit funds from the 2019 Capitalization Grant, including the associated state match, by June 30, 2020, so that the federal funds can be utilized in an efficient and timely manner in accordance with 40 Code of Federal Regulations (CFR) §35.3550(c). As of March 28, 2019, the anticipated allotment amount of the 2019 Capitalization Grant has not been officially provided to the State Water Board from U.S. EPA. However, the estimate for California's 2019 Capitalization Grant is currently \$100 million based upon the recent adoption of the FFY 2019 federal budget. To maximize available federal funding absent more information from U.S. EPA, the State Water Board will be applying for \$150 million for the 2019 Capitalization Grant but will assume \$100 million for the 2019 Capitalization Grant for all other financial forecasts in this IUP.
2. Continue to maintain the State Water Board's acceptable DWSRF federal unliquidated obligation (ULO) balance and continue to liquidate DWSRF capitalization grants within 2-3 years of their award by prioritizing disbursements for federal funds to the maximum extent possible.
3. Review cash flow forecasts of existing and potential commitments to assess the State Water Board's ability to satisfy its obligations timely and to also evaluate the need for leveraging or other actions to regulate cash outflows.

D. DWSRF PERFORMANCE METRICS

The following constitute performance metrics and targets for DFA to enable the timely and efficient processing of applications and disbursements:

1. Ninety five percent (95%) of complete applications on the Fundable List should receive an executed financing agreement in nine months or less, to the extent funds are available¹⁹. A complete application means that all four application packages (General, Technical, Financial, and Environmental), with all applicable attachments, have been submitted and are sufficient for eligibility review.
2. One-hundred percent (100%) of complete disbursement requests should be fulfilled in 30 days or less.²⁰
3. Amend financing agreements no later than 60 days after receipt of complete Final Budget Approval Package.
4. DWSRF Fund utilization rate > 105 percent (105%) of available funds.

¹⁹ Agreement processing time is the time from receipt of a complete application to execution of the financing agreement.

²⁰ Disbursement fulfillment time is the time from receipt of a complete disbursement request to warrant date.

VII. SCHEDULE

The estimated schedule for public comment and State Water Board adoption of the SFY 2019-20 DWSRF IUP, and the application, award, and acceptance of the 2019 DWSRF Capitalization Grant is as follows:

Draft IUP posted for public comment, as part of State Water Board Meeting agenda	April XX, 2019
Submit FFY 2018 Capitalization Grant application to U.S. EPA	May 15, 2019
Deadline for Public Comments on Draft IUP	May XX, 2019
State Water Board adopts IUP at regularly scheduled meeting	June 18, 2019
Execute FFY 2018 Capitalization Grant agreement with U.S. EPA	September 2019

DRAFT

VIII. ACRONYMS

AIS	American Iron and Steel
ARRA	American Recovery and Reinvestment Act of 2009
CWS	Community Water System
DAC	Disadvantaged Community
DBE	Disadvantaged Business Enterprise
DDW	Division of Drinking Water
DFA	Division of Financial Assistance
DWSRF	Drinking Water State Revolving Fund
ESCWS	Expanded Small Community Water System
FFATA	Federal Funding Accountability and Transparency Act
FFY	Federal Fiscal Year
GPR	Green Project Reserve
GWUDI	Groundwater Under the Direct Influence
IUP	Intended Use Plan
LPA	Local Primacy Agency
MCL	Maximum Contaminant Level
MHI	Median Household Income
NIMS	National Information Management System
NTNC	Non-Transient Non-Community Water System
PBR	Project Benefits and Reporting
PWS	Public Water System
PWSS	Public Water System Supervision
SCWS	Small Community Water System
SDAC	Severely Disadvantaged Community
SDWA	Safe Drinking Water Act
DWSCEG	Safe Drinking Water Small Community Emergency Grant
SFY	State Fiscal Year
SWS	Small Water System
SWSTA	Small Water Systems Technical Assistance
TMF	Technical, Managerial and Financial
ULO	Unliquidated Obligation
U.S. EPA	United States Environmental Protection Agency

IX. APPENDICES

APPENDIX A: SFY 2019-20 DWSRF FUNDABLE LIST

Small Water Systems: Population <10,000 (Planning Projects)												
Project Number	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
4710013-001P	01	Planning	Lake Shastina Community Services District	Lake Shastina Drinking Water Rehabilitation and Upgrade Project	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	2400
4510003-001P	02	Planning	Burney Water District	Burney Water District Well 9 Planning Project	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Severely Disadvantaged	3000
4510002-006P	02	Planning	Mountain Gate Community Services District	Water System Improvements Project	E	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	2500
1710012-001P	03	Planning	Cobb Area County Water District	Multi-System Consolidation Project	C	2	\$2,550,000.00	\$0.00	\$2,550,000.00	Auto	Small Disadvantaged	2500
0202504-002P	09	Planning	Markleeville Water Company	Markleeville Water Company System Improvement Project	C	1	\$435,300.00	\$0.00	\$435,300.00	Auto	Small Severely Disadvantaged	25
2400167-001P	11	Planning	Ballico Community Service District	Secondary Well Construction	C	1	\$455,000.00	\$0.00	\$455,000.00	Auto	Small Severely Disadvantaged	309
2000828-002P	11	Planning	Shady Oaks Mobile Home Park	Shady Oak Water Project- Uranium MCL Exceedance	C	1	\$390,000.00	\$0.00	\$390,000.00	Auto	Small Disadvantaged	40
1510007-001P	19	Planning	Frazier Park Public Utility District	Frazier Park/Lake of the Woods Regional Consolidation Planning Project	A	2	\$1,014,892.00	\$0.00	\$1,014,892.00	Auto	Small Severely Disadvantaged	2348
3310047-002P	20	Planning	Cabazon Water District	Pipeline Project	F	1	\$187,000.00	\$0.00	\$187,000.00	Auto	Small Disadvantaged	2535
3310047-001P	20	Planning	Cabazon Water District	Well Improvements Project	F	1	\$416,000.00	\$0.00	\$416,000.00	Auto	Small Disadvantaged	2535
0610004-002P	21	Planning	Williams, City of	New Well No. 11	E	1	\$405,000.00	\$0.00	\$405,000.00	Auto	Small Severely Disadvantaged	5250
2000597-001P	11	Planning	Alview-Dairyland Union School District	Dairyland Elementary School New Well and Alview Elementary School Back-Up Source	D	1	\$100,000.00	\$0.00	\$100,000.00	Auto	Small Severely Disadvantaged	450
5100141-001P	21	Planning	Meridian Elementary School District	Treatment Plant Improvement Planning Project	F	1	\$192,000.00	\$0.00	\$192,000.00	Auto	Small Disadvantaged	93
2000538-001P	11	Planning	Cedar Valley Development Mutual Water Company	Arsenic MCL Compliance	C	1	\$430,000.00	\$0.00	\$430,000.00	Auto	Small Severely Disadvantaged	137
2000527-001P	11	Planning	Yosemite Forks Estates Mutual Water Company	Arsenic MCL mitigation project	C	1	\$430,000.00	\$0.00	\$430,000.00	Auto	Small Severely Disadvantaged	110
5200562-001P	21	Planning	Sky View County Water District	Water System Improvements	C	1	\$498,000.00	\$0.00	\$498,000.00	Auto	Small Severely Disadvantaged	120
3610117-001P	13	Planning	Devore WC	Water System Improvements for Nitrate Exceedance	A	0	\$493,200.00	\$493,200.00	\$0.00	Yes	Not Disadvantaged	1500
5310002-002P	01	Planning	Trinity County Waterworks District #1	Planning/Design for Treatment Plant Upgrade	B	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Severely Disadvantaged	2700

Project Number	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
3200510-002P	02	Planning	Indian Valley Community Services District	Crescent Mills Filters, PLC, & SCADA Rehabilitation	F	1	\$124,000.00	\$0.00	\$124,000.00	Auto	Small Severely Disadvantaged	380
1910165-001P	07	Planning	Valley View MWC	Valley View MWC System Improvements	F	1	\$384,200.00	\$0.00	\$384,200.00	Auto	Small Severely Disadvantaged	4074
0910006-001P	09	Planning	Grizzly Flats Community Services District	Water System Improvement Planning Project	F	1	\$385,000.00	\$0.00	\$385,000.00	Auto	Small Disadvantaged	1300
5400666-004P	12	Planning	Del Oro Water Company	Consolidation of Grandview Gardens & East Plano to City of Porterville	F	2	\$347,900.00	\$0.00	\$347,900.00	Auto	Small Disadvantaged	350
3600012-002P	13	Planning	Apple Valley View Mutual Water Company	Treatment Plant - Fluoride Compliance Study	C	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Severely Disadvantaged	200
2510002-001P	01	Planning	Cedarville County Water District	Cedarville Capital Improvements	F	1	\$490,000.00	\$0.00	\$490,000.00	Auto	Small Severely Disadvantaged	500
4710004-001P	01	Planning	Etna, City of	City of Etna Surface Water Treatment Compliance Planning	B	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Severely Disadvantaged	769
4700513-004P	01	Planning	Hornbrook Community Services District	Water Treatment Plant Rehabilitation	F	1	\$497,000.00	\$0.00	\$497,000.00	Auto	Small Severely Disadvantaged	280
1210019-001P	01	Planning	Hydesville County Water District	Hydesville County Water District Water System Improvements	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	1200
1200701-001P	01	Planning	Orick Community Services District	Water Tank Replacement Project	C	1	\$374,000.00	\$0.00	\$374,000.00	Auto	Small Severely Disadvantaged	400
1200541-003P	01	Planning	Phillipsville Community Services District	Treatment Deficiency Remediation	B	1	\$267,720.00	\$0.00	\$267,720.00	Auto	Small Severely Disadvantaged	300
1210010-001P	01	Planning	Scotia Community Services District	Scotia Water Treatment Facility Replacement	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Severely Disadvantaged	1000
0810002-001P	01	Planning	Smith River Community Services District	Smith River CSD Water Infrastructure Improvement Project	F	1	\$455,000.00	\$0.00	\$455,000.00	Auto	Small Disadvantaged	2568
4700531-005P	01	Planning	Tennant Community Services District	Water Distribution Replacement Project	D	1	\$253,000.00	\$0.00	\$253,000.00	Auto	Small Disadvantaged	94
1210024-004	01	Planning	Westhaven Community Services District	Disinfection Byproduct Reduction	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	490
4510003-002P	02	Planning	Burney Water District	Burney Water District Water Storage Planning Project	F	1	\$380,000.00	\$0.00	\$380,000.00	Auto	Small Severely Disadvantaged	3000
3100038-001P	02	Planning	Heather Glen Community Services District	Water Treatment Plant Storage and Reliability Project	F	1	\$434,350.00	\$0.00	\$434,350.00	Auto	Small Severely Disadvantaged	250
3210004-004P	02	Planning	Quincy Community Services District	Water System Improvement Project	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	1879
4500015-001P	02	Planning	Shasta, County of	Shasta County CSA No. 3 - Castella Intake Replacement	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	252
4600018-001P	02	Planning	Sierraville Public Utility District	New Water Source	D	1	\$320,100.00	\$0.00	\$320,100.00	Auto	Small Severely Disadvantaged	200
1700561-001P	03	Planning	Blue Lakes Improvement Club Water, Inc.	Blue Lakes Improvement Club Water System Improvements	F	1	\$90,000.00	\$0.00	\$90,000.00	Auto	Small Severely Disadvantaged	150
1710005-003P	03	Planning	California Water Service Company	California Water Service - Intake Water Quality	F	1	\$385,936.00	\$540.00	\$385,396.00	Auto	Small Severely Disadvantaged	2870
1710001-007P	03	Planning	Clearlake Oaks County Water District	Distribution System Improvements	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	2458

Project Number	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
1710001-006P	03	Planning	Clearlake Oaks County Water District	Harvey Area Improvements and Access Road for CSA 16	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	2458
1710001-008P	03	Planning	Clearlake Oaks County Water District	Water Treatment Plant, Meter and Cross-Connection Control	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	2458
1710002-001P	03	Planning	Golden State Water Company - Clearlake System	Intake Treatment Planning Project	E	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Severely Disadvantaged	7544
1710003-001P	03	Planning	Highlands Water Company	Plant and Distribution Improvements	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Severely Disadvantaged	5300
1710018-002P	03	Planning	Lake County Special Districts	Spring Valley Distribution System Upgrades	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Severely Disadvantaged	1018
1710010-001P	03	Planning	Lower Lake County Water District	Lower Lake CWD - Source Capacity & Treatment Plant	C	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Severely Disadvantaged	1902
1710009-001P	03	Planning	Upper Lake County Water District	Cal 20 Consolidation	F	1	\$100,000.00	\$0.00	\$100,000.00	Auto	Small Severely Disadvantaged	989
2310005-001P	03	Planning	Willow County Water District	Well Renovation Planning	C	1	\$220,000.00	\$0.00	\$220,000.00	Auto	Small Disadvantaged	3797
4400571-006P	05	Planning	Davenport County Sanitation District	Davenport Diversion Facility Upgrade Feasibility Study	F	1	\$475,000.00	\$0.00	\$475,000.00	Auto	Small Disadvantaged	350
2710007-001P	05	Planning	Gonzales, City of	Water Extension to Alpine Court Planning	A	2	\$100,000.00	\$0.00	\$100,000.00	Auto	Small Severely Disadvantaged	8803
5000008-001P	10	Planning	Knights Ferry Community Services District	Water Supply Improvement Planning Project	A	1	\$290,000.00	\$0.00	\$290,000.00	Auto	Small Severely Disadvantaged	85
5010033-001P	10	Planning	Modesto, City of	Grayson Community Water System Facilities	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Severely Disadvantaged	1100
5000058-001P	10	Planning	River Park Newman LLC	Fisherman's Bend Mobile Home Park Drinking Water Project Hexavalent Chromium	F	1	\$465,000.00	\$0.00	\$465,000.00	Auto	Small Severely Disadvantaged	150
3910018-001P	10	Planning	San Joaquin River Club, Inc.	Chrome VI Compliance	F	1	\$250,700.00	\$0.00	\$250,700.00	Auto	Small Disadvantaged	600
3910018-002P	10	Planning	San Joaquin River Club, Inc.	SJRC Water Distribution Improvement Project	F	1	\$304,400.00	\$0.00	\$304,400.00	Auto	Small Disadvantaged	600
2000509-006P	11	Planning	Cascadel Mutual Water Co.	Well Replacement Planning Project	C	1	\$300,000.00	\$0.00	\$300,000.00	Auto	Small Disadvantaged	300
2410011-001P	11	Planning	Le Grand Community Services District	Le Grand Community Services District Well Site Seven	F	1	\$297,600.00	\$0.00	\$297,600.00	Auto	Small Disadvantaged	1700
2010006-001P	11	Planning	Madera, County of (MD3 - Parksdale)	MD3 Parksdale - Parksdale Drinking Water Project	F	1	\$480,500.00	\$0.00	\$480,500.00	Auto	Small Severely Disadvantaged	1188
2000727-001P	11	Planning	Madera, County of (MD36 - Eastin Arcola)	MD36 Eastin Arcola - Eastin Arcola Water System Improvements Project	C	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	150
2000511-001P	11	Planning	Madera, County of (MD85 - Valeta)	MD85 Valeta - Valeta Water System Improvements Project	C	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	45
1010026-001P	11	Planning	Pinedale County Water District	Pinedale County Water District - Water Meter Project	E	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	8495
2410007-001P	11	Planning	Planada CSD	Planada Community Services District Water Supply Project	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	4000

Project Number	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
5510005-001P	11	Planning	Twain Harte Community Services District	Twain Harte CSD Water System Evaluation and Modernization Project	D	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	2568
1610007-003P	12	Planning	Home Garden Community Services District	Home Garden System Deficiencies Planning Project	F	1	\$350,000.00	\$0.00	\$350,000.00	Auto	Small Severely Disadvantaged	1750
5410017-004P	12	Planning	London Community Services District	1,2,3-TCP Compliance Improvements	C	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Severely Disadvantaged	1638
3610051-001P	13	Planning	Valley of Enchantment Mutual Water Company	Infrastructure Replacements, tanks, services lines, auto metering systems	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Disadvantaged	1815
1900130-001P	16	Planning	Del Rio Mutual Water Company	Del Rio MWC Water System Capital Improvements	D	1	\$180,000.00	\$0.00	\$180,000.00	Auto	Small Disadvantaged	320
4110020-001P	17	Planning	Palo Alto Park MWC	PAPMWC Iron and Manganese Removal System	F	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Severely Disadvantaged	2500
3301491-003P	20	Planning	Alpine Village	Planning for Uranium treatment and Meter Installation	F	1	\$221,200.00	\$0.00	\$221,200.00	Auto	Small Disadvantaged	130
0400073-001P	21	Planning	Chico Unified School District	Nord Country New Well	F	1	\$306,170.00	\$0.00	\$306,170.00	Auto	Small Severely Disadvantaged	66
0400063-001P	21	Planning	Manzanita Elementary School District	Manzanita Well Replacement	C	1	\$495,000.00	\$0.00	\$495,000.00	Auto	Small Severely Disadvantaged	225
1110001-005P	21	Planning	Oriand, City of	Domestic well and ground storage tank	A	1	\$245,000.00	\$0.00	\$245,000.00	Auto	Small Disadvantaged	6525
5200540-001P	21	Planning	Reeds Creek Elementary School District	Reeds Creek School CA5200540 Hexavalent Chromium Compliance Planning Project	C	1	\$67,200.00	\$0.00	\$67,200.00	Auto	Small Severely Disadvantaged	180
1010044-008P	23	Planning	Huron, City of	Domestic Water Well Planning Project	F	1	\$280,000.00	\$0.00	\$280,000.00	Auto	Small Severely Disadvantaged	7306
1010021-002P	23	Planning	Mendota, City of	Water Supply Planning Project	E	1	\$500,000.00	\$0.00	\$500,000.00	Auto	Small Severely Disadvantaged	8656
1010023-006P	23	Planning	Orange Cove, City of	City of Orange Cove Water Supply Reliability Project	F	1	\$481,000.00	\$0.00	\$481,000.00	Auto	Small Severely Disadvantaged	8500
5410001-004P	24	Planning	Cutler Public Utility District	Water Supply Improvements Project	C	1	\$406,900.00	\$0.00	\$406,900.00	Auto	Small Severely Disadvantaged	6200
0600121-001P		Planning	Big Sandy Rancheria of Western Mono Indians of California	Big Sandy Rancheria Water System Capital Improvement	C	1	\$120,000.00	\$0.00	\$120,000.00	Auto	Small Severely Disadvantaged	
4900510-001P		Planning	South Cloverdale Water Corporation	South Cloverdale Water Company Metering	D	1	\$241,500.00	\$0.00	\$241,500.00	Auto	Small Disadvantaged	
					Total	80	\$33,861,768.00	\$493,740.00	\$33,368,028.00			

Large Water Systems: Population >10,000 (Planning Projects)												
Project Number	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
1910049-001P	22	Planning	Huntington Park, City of	Miles Avenue Water Quality Improvement Project	E	0	\$236,500.00	\$0.00	\$236,500.00	Auto	Large Severely Disadvantaged	18569
1910049-002P	22	Planning	Huntington Park, City of	Cottage Reservoirs Water Quality Improvement Project	F	0	\$250,000.00	\$0.00	\$250,000.00	Auto	Large Severely Disadvantaged	18569
1510012-009P	12	Planning	Lamont Public Utility District	Lamont PUD Arsenic Treatment	C	0	\$457,000.00	\$457,000.00	\$0.00	Auto	Large Severely Disadvantaged	13296
3610049-005P	13	Planning	Twentynine Palms Water District	Potable Groundwater Management Project	F	0	\$1,800,000.00	\$1,800,000.00	\$0.00	Yes	Large Disadvantaged	17500
					Total	4	\$2,743,500.00	\$2,257,000.00	\$486,500.00			
Small Water Systems: Population <10,000 (Construction Projects)												
Project Number	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
3610002-001C	13	Construction	Alpine Water Users Association	Alpine Water Users Association Meter Replacement Project	D	0	\$498,288.00	\$498,288.00	\$0.00	Yes	Not Disadvantaged	3000
0310012-007C	10	Construction	Amador Water Agency	Redwood Tank and Floating Cover Replacement Project	F	1	\$307,273.00	\$0.00	\$307,273.00	Auto	Small Disadvantaged	8508
4510001-001C	02	Construction	Anderson, City of	Anderson Heights Reservoir Replacement and Pressure Regulating Valve (PRV) Station Project	F	1	\$2,250,000.00	\$0.00	\$2,250,000.00	Auto	Small Severely Disadvantaged	10050
3301180-001C	20	Construction	Anza Mutual Water Co., Inc.	Anza Mutual Water System Improvements Project	F	1	\$3,000,000.00	\$0.00	\$3,000,000.00	Auto	Small Severely Disadvantaged	200
1910023-001C	16	Construction	Averydale Mutual Water Company	Meter Replacement Project	D	1	\$419,000.00	\$0.00	\$419,000.00	Auto	Small Severely Disadvantaged	1500
2010003-003C	11	Construction	Bass Lake Water Company	Willow Creek Surface Water Treatment Plant	C	0	\$4,600,000.00	\$4,600,000.00	\$0.00	Yes	Not Disadvantaged	2800
0800532-003C	01	Construction	Big Rock Community Services District	Big Rock CSD Water Tank Replacement Project	C	1	\$1,112,781.00	\$0.00	\$1,112,781.00	Auto	Small Severely Disadvantaged	400
1010049-008C	23	Construction	Biola Community Services District	Biola CSD Water Distribution System Upgrades	E	1	\$3,239,000.00	\$0.00	\$3,239,000.00	Auto	Small Severely Disadvantaged	1200
3710036-001C	14	Construction	Borrego Water District	Water Pump Diesel Engine Upgrade and Tank Rehabilitation	F	1	\$615,000.00	\$0.00	\$615,000.00	Auto	Small Severely Disadvantaged	2535
4510003-003C	02	Construction	Burney Water District	Burney Water District Water System Improvement Project	E	1	\$5,135,000.00	\$0.00	\$5,135,000.00	Auto	Small Severely Disadvantaged	3000
1502607-001C	19	Construction	Caliente Union School District	Plute Mountain Elementary School Fluoride Remediation Project	C	1	\$965,912.00	\$0.00	\$965,912.00	Auto	Small Severely Disadvantaged	200
1510033-001C	19	Construction	California Water Service Company	Secondary Treatment at Kernville Surface Water Plant	C	1	\$1,000,000.00	\$0.00	\$1,000,000.00	Auto	Small Disadvantaged	5435
1710013-003C	03	Construction	Callayomi County Water District	Callayomi CWD Big Canyon Production Well Improvements	B	1	\$2,031,500.00	\$0.00	\$2,031,500.00	Auto	Small Disadvantaged	1700

Project Number	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
1010039-002C	23	Construction	Caruthers Community Services District	Installation of Arsenic Treatment Facility and Water Meters	C	1	\$4,311,120.00	\$0.00	\$4,311,120.00	Auto	Small Severely Disadvantaged	2103
0105008-002C	04	Construction	Castlewood Domestic Water System	Castlewood Redwood Tank Replacement	F	0	\$2,600,000.00	\$2,600,000.00	\$0.00	Yes	Not Disadvantaged	499
1800512-001C	02	Construction	Clear Creek Community Services District	Drinking Water System Improvements	A	1	\$4,996,800.00	\$0.00	\$4,996,800.00	Auto	Small Severely Disadvantaged	400
1700546-001C	03	Construction	Clear Water Mutual Water Company	Upper Storage Tank Replacement Project	D	1	\$1,000,000.00	\$0.00	\$1,000,000.00	Auto	Small Severely Disadvantaged	250
3301153-001C	20	Construction	Coachella Valley Unified School District	Consolidation/extension of service to Westside school-Coachella Valley USD	C	2	\$880,155.00	\$155.00	\$880,000.00	Auto	Small Severely Disadvantaged	975
1710012-002C	03	Construction	Cobb Area County Water District	Summit Area Improvements	C	1	\$1,800,000.00	\$0.00	\$1,800,000.00	Auto	Small Disadvantaged	2500
0610002-003C	21	Construction	Colusa, City of	Bridge Street Waterline Consolidation & Replacement Project	F	1	\$1,409,506.00	\$0.00	\$1,409,506.00	Auto	Small Disadvantaged	5625
0610002-001C	21	Construction	Colusa, City of	Walnut Ranch Construction Project	C	2	\$2,022,580.00	\$0.00	\$2,022,580.00	Auto	Small Severely Disadvantaged	5625
5610058-001C	06	Construction	Crestview Mutual Water Company	Construction of Well #7	F	0	\$1,100,000.00	\$1,100,000.00	\$0.00	Yes	Not Disadvantaged	2100
4210009-001C	06	Construction	Cuyama Community Services District	Well No. 4 Drilling and Equipping Project	D	1	\$975,000.00	\$0.00	\$975,000.00	Auto	Small Disadvantaged	800
4400571-005C	05	Construction	Davenport County Sanitation District	Old Coast Water Line Extension	D	1	\$240,066.00	\$0.00	\$240,066.00	Auto	Small Disadvantaged	350
5400665-003C	12	Construction	Del Oro Water Company	River Island Water Treatment Plant	C	0	\$5,189,176.00	\$5,189,176.00	\$0.00	Yes	Not Disadvantaged	700
1010035-005C	23	Construction	Del Rey Community Services District	Water Meter Installation Project	D	1	\$905,472.00	\$0.00	\$905,472.00	Auto	Small Severely Disadvantaged	1100
4710001-007C	01	Construction	Dorris, City of	Meter Project	D	1	\$2,105,485.00	\$0.00	\$2,105,485.00	Auto	Small Severely Disadvantaged	887
4610002-003C	02	Construction	Downieville Public Utility District	Storage Tanks Replacement	F	1	\$709,500.00	\$0.00	\$709,500.00	Auto	Small Disadvantaged	391
4710002-001C	01	Construction	Dunsmuir, City of	Downtown Tank Replacement Project	F	1	\$3,406,000.00	\$0.00	\$3,406,000.00	Auto	Small Severely Disadvantaged	1923
4710002-002C	01	Construction	Dunsmuir, City of	Water Main Replacement Project	F	1	\$5,000,000.00	\$0.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	1923
4510008-001C	02	Construction	Fall River Valley Community Services District	Fall River Valley CSD - Water Tank and Booster Pump Station Project	D	1	\$1,696,250.00	\$0.00	\$1,696,250.00	Auto	Small Disadvantaged	1600
1010005-003C	23	Construction	Firebaugh, City of	HUD Water Storage Tank	E	1	\$4,786,000.00	\$0.00	\$4,786,000.00	Auto	Small Disadvantaged	6500
2900502-002C	21	Construction	Floriston Property Owners Association, Inc.	Spring Filtration Project	A	1	\$3,230,000.00	\$0.00	\$3,230,000.00	Auto	Small Disadvantaged	100
2910001-004C	21	Construction	Grass Valley, City of	Water Distribution System Pipeline Repair and Replacement	F	1	\$5,000,000.00	\$0.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	5600
2910001-006C	21	Construction	Grass Valley, City of	Water Service, Earthquake Preparation, and Control Project	F	1	\$5,000,000.00	\$0.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	5600
2910001-005C	21	Construction	Grass Valley, City of	Water Treatment Plant Improvement Project	F	1	\$5,000,000.00	\$0.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	5600

Project Number	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
5510009-003C	11	Construction	Groveland Community Services District	Big Creek and Second Garrotte Clearwell Rehabilitation	F	1	\$3,402,000.00	\$0.00	\$3,402,000.00	Auto	Small Disadvantaged	3400
5510009-002C	11	Construction	Groveland Community Services District	GCSD Water System Improvements	F	1	\$5,352,675.00	\$352,675.00	\$5,000,000.00	Auto	Small Disadvantaged	3400
1600507-002C	12	Construction	Hardwick Water Company	Hardwick Water Company Meter and Main Replacement	C	1	\$1,086,690.00	\$0.00	\$1,086,690.00	Auto	Small Severely Disadvantaged	40
1805007-001C	02	Construction	Herlong Public Utility District	West Patton Water System Project	D	1	\$2,398,128.00	\$0.00	\$2,398,128.00	Auto	Small Disadvantaged	1200
1310005-006C	14	Construction	Holtville, City of	Holtville Water Tank & System Improvements	C	1	\$4,148,283.00	\$0.00	\$4,148,283.00	Auto	Small Severely Disadvantaged	6032
5010008-012C	10	Construction	Hughson, City of	Cobles Corner/County Villa Consolidation with City of Hughson	C	2	\$4,116,274.00	\$0.00	\$4,116,274.00	Auto	Small Severely Disadvantaged	6082
1010044-001C	23	Construction	Huron, City of	Water Treatment Plant Improvement Project	C	1	\$7,700,000.00	\$2,700,000.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	7306
2110001-001C	18	Construction	Inverness Public Utility District	Tenney Tank Replacement	F	0	\$400,000.00	\$400,000.00	\$0.00	Yes	Not Disadvantaged	702
3610025-002C	13	Construction	Joshua Basin Water District	Saddleback Pipeline Project	F	1	\$3,721,500.00	\$0.00	\$3,721,500.00	Auto	Small Severely Disadvantaged	9000
3600139-001C	13	Construction	Jubilee Mutual Water Company	Gordon Acres Consolidation Project	A	2	\$7,282,600.00	\$0.00	\$7,282,600.00	Auto	Small Severely Disadvantaged	855
1502307-001C	19	Construction	Kern, County of	Peak-to-Peak Mountain Charter School water system permanent source	C	1	\$836,000.00	\$0.00	\$836,000.00	Auto	Small Severely Disadvantaged	75
5010009-005C	10	Construction	Keyes Community Services District	1,2,3-TCP Removal Treatment System	A	1	\$10,410,000.00	\$5,410,000.00	\$5,000,000.00	Auto	Small Disadvantaged	4575
1000577-001C	23	Construction	Kings Canyon Unified School District	Dunlap Leadership Academy Water Supply Upgrade and Consolidation Project	C	1	\$1,636,000.00	\$0.00	\$1,636,000.00	Auto	Small Severely Disadvantaged	75
1710006-005C	03	Construction	Konocti County Water District	Water System Improvements Project	C	1	\$8,744,000.00	\$3,744,000.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	4986
3700923-002C	14	Construction	Lake Morena's Oak Shores Mutual Water Company, Inc.	Eastside Pipeline Looping and Pipeline Abandonment Improvements	D	1	\$756,500.00	\$0.00	\$756,500.00	Auto	Small Severely Disadvantaged	710
1710022-009C	03	Construction	Lake, County of (CSA 20)	Soda Bay Water Treatment Plant Improvements	F	1	\$5,000,000.00	\$0.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	1342
4500210-006C	02	Construction	Lassen Pines Mutual Water Company	Water Storage Improvements Project	F	1	\$2,075,000.00	\$0.00	\$2,075,000.00	Auto	Small Disadvantaged	600
5301002-004C	01	Construction	Lewiston Community Services District	Lewiston CSD Water Distribution System Replacement Project	D	1	\$2,380,000.00	\$0.00	\$2,380,000.00	Auto	Small Severely Disadvantaged	150
5301002-003C	01	Construction	Lewiston Community Services District	Lewiston CSD Well 8 Project	F	1	\$674,000.00	\$0.00	\$674,000.00	Auto	Small Severely Disadvantaged	150
2410004-004C	11	Construction	Livingston, City of	Livingston 1,2,3-TCP Removal Treatment System Project	C	0	\$12,000,000.00	\$12,000,000.00	\$0.00	Yes	Not Disadvantaged	13795
5410017-003C	12	Construction	London Community Services District	Water System Reliability Project	F	1	\$4,974,655.00	\$0.00	\$4,974,655.00	Auto	Small Severely Disadvantaged	1638
1910185-001C	16	Construction	Los Angeles County Waterworks District 36	Del Valle Road Water Main Replacement	F	0	\$3,750,000.00	\$3,750,000.00	\$0.00	Yes	Not Disadvantaged	4660
1510046-008C	12	Construction	Lost Hills Utility District	Well Number Three	F	1	\$1,732,039.00	\$0.00	\$1,732,039.00	Auto	Small Severely Disadvantaged	2772

Project Number	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
0910007-004C	09	Construction	Lukins Brothers Water Company	Lukins Brothers Water Company Inc. Meter Project	D	1	\$3,301,000.00	\$0.00	\$3,301,000.00	Auto	Small Disadvantaged	3168
0910007-001C	09	Construction	Lukins Brothers Water Company	Phase 2 Waterline Project - James Avenue	D	1	\$1,330,000.00	\$0.00	\$1,330,000.00	Auto	Small Disadvantaged	3168
0910007-003C	09	Construction	Lukins Brothers Water Company	Two Well Replacements	C	1	\$1,500,000.00	\$0.00	\$1,500,000.00	Auto	Small Disadvantaged	3168
0910007-002C		Construction	Lukins Brothers Water Company	Lukins GAC Treatment Plant	C	1	\$1,750,000.00	\$0.00	\$1,750,000.00	Auto	Small Disadvantaged	3168
2000554-002C	11	Construction	Madera, County of	MD33 Fairmead - Drinking Water Construction Project	C	1	\$1,600,000.00	\$0.00	\$1,600,000.00	Auto	Small Severely Disadvantaged	568
2000728-001C	11	Construction	Madera, County of (MD37 - La Vina)	MD37 La Vina - Water Meter Installation	D	1	\$277,250.00	\$0.00	\$277,250.00	Auto	Small Disadvantaged	350
1210017-001C	01	Construction	Manila Community Services District	Manila CSD Drinking Water Infrastructure Improvement Project	F	1	\$3,504,000.00	\$0.00	\$3,504,000.00	Auto	Small Disadvantaged	1000
4300912-001P	17	Construction	Mecchi Water Company	Water System Improvements	F	1	\$19,371.94	\$0.00	\$19,371.94	Auto	Small Disadvantaged	104
1010021-001C	23	Construction	Mendota, City of	Mendota AMR	F	1	\$3,074,561.00	\$349,649.00	\$2,724,912.00	Auto	Small Severely Disadvantaged	8656
1510014-003C	19	Construction	Mojave Public Utility District	Emergency Roof Repair at the Two 1.5 Million Gallon Navy Tanks	D	1	\$2,215,930.00	\$0.00	\$2,215,930.00	Auto	Small Severely Disadvantaged	4200
4710008-001C	01	Construction	Mt. Shasta, City of	City of Mt. Shasta Tank 1 & Roseburg Water System Improvements	A	1	\$5,000,000.00	\$0.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	3642
4710008-003C	01	Construction	Mt. Shasta, City of	Water Distribution System Improvements	F	1	\$5,000,000.00	\$0.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	3642
2800840-003C	03	Construction	Napa County Schools: Pope Valley	Pope Valley School Water Treatment	F	1	\$57,000.00	\$0.00	\$57,000.00	Auto	Small Severely Disadvantaged	100
3610032-001C	13	Construction	Needles, City of	Lilly Hill Booster Station Replacement/Relocation Project	F	1	\$516,651.00	\$0.00	\$516,651.00	Auto	Small Severely Disadvantaged	3631
1000063-005C	23	Construction	New Auberry Water Association	Water System Improvements	B	1	\$3,131,200.00	\$0.00	\$3,131,200.00	Auto	Small Disadvantaged	80
2100582-001C	18	Construction	Nicasio School District	Nicasio School District Water System Upgrade	B	1	\$55,000.00	\$0.00	\$55,000.00	Auto	Small Severely Disadvantaged	70
1710008-001C	03	Construction	Nice Mutual Water Company	Meter Renovation Project	D	1	\$255,000.00	\$0.00	\$255,000.00	Auto	Small Severely Disadvantaged	2500
1010023-005C	23	Construction	Orange Cove, City of	Emergency Lining of Source Water Retention Basins	C	1	\$3,000,000.00	\$0.00	\$3,000,000.00	Auto	Small Severely Disadvantaged	8500
1010025-001C	11	Construction	Parlier, City of	1,2,3-TCP Removal Treatment Systems	A	0	\$17,322,726.00	\$17,322,726.00	\$0.00	Auto	Large Severely Disadvantaged	12058
5200534-004C	21	Construction	Paskenta Community Services District	Meters and Lines	D	1	\$1,867,424.00	\$0.00	\$1,867,424.00	Auto	Small Severely Disadvantaged	120
0310005-002C	10	Construction	Pine Grove Community Services District	Meter Replacement Project	D	1	\$2,725,000.00	\$0.00	\$2,725,000.00	Auto	Small Disadvantaged	900
0310005-001C	10	Construction	Pine Grove Community Services District	Water Tanks Replacement Project	F	1	\$2,500,000.00	\$0.00	\$2,500,000.00	Auto	Small Disadvantaged	900
3110005-006C	02	Construction	Placer County Water Agency	Castle City Water System Consolidation Project	B	2	\$1,768,423.00	\$0.00	\$1,768,423.00	Auto	Small Disadvantaged	27199

Project Number	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
3210011-006C	02	Construction	Plumas Eureka Community Services District	Plumas Eureka Water Treatment Plant	C	0	\$3,500,000.00	\$3,500,000.00	\$0.00	Yes	Not Disadvantaged	1785
1500458-002C	19	Construction	R.S. Mutual Water Company	R.S. Mutual Water Company consolidation project	C	2	\$538,000.00	\$0.00	\$538,000.00	Auto	Small Severely Disadvantaged	67
1510016-005C	19	Construction	Rand Communities Water District	Rand Communities Water District Water Supply Project	C	1	\$3,218,000.00	\$0.00	\$3,218,000.00	Auto	Small Severely Disadvantaged	344
0310006-002C	10	Construction	River Pines Public Utility District	River Pines PUD Storage and Distribution Rehab Project	F	1	\$5,000,000.00	\$0.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	510
5304501-006C	01	Construction	Salyer Mutual Water Company	Water Line Replacement	F	1	\$382,213.80	\$0.00	\$382,213.80	Auto	Small Severely Disadvantaged	85
3600196-007C	13	Construction	San Bernardino, County of	CSA 70 W-4 Pioneertown & Hi Desert WD Interconnection Piping	C	1	\$5,400,000.00	\$0.00	\$5,400,000.00	Auto	Small Severely Disadvantaged	625
3600220-001C	13	Construction	San Bernardino, County of	CSA 42 Oro Grande Reservoir Rehabilitation/Replacement Project	F	1	\$552,000.00	\$0.00	\$552,000.00	Auto	Small Severely Disadvantaged	700
3600226-001C	13	Construction	San Bernardino, County of	CSA 70 F Morongo Uranium Treatment Facilities	C	1	\$455,000.00	\$0.00	\$455,000.00	Auto	Small Disadvantaged	450
3600114-003C	13	Construction	San Bernardino, County of	CSA 70 W3 Hacienda Uranium Treatment Facilities	C	1	\$56,000.00	\$0.00	\$56,000.00	Auto	Small Disadvantaged	695
1010034-004C	23	Construction	San Joaquin, City of	Well #3 and Well #5 Manganese Removal System	E	1	\$3,000,000.00	\$0.00	\$3,000,000.00	Auto	Small Severely Disadvantaged	3870
2410018-001C	11	Construction	Santa Nella County Water District	Santa Nella/Volta Water Quality Improvement	E	1	\$10,288,924.00		\$7,500,000.00	Auto	Small Disadvantaged	1500
2000506-001C	11	Construction	Sierra Linda Mutual Water Company	Sierra Linda Mutual Water Company Consolidation, Metering, and Water Treatment	D	1	\$4,159,000.00	\$0.00	\$4,159,000.00	Auto	Small Severely Disadvantaged	180
5400824-001C	24	Construction	Sultana Community Services District	Sultana - Monson Safe Drinking Water Project	D	2	\$5,000,000.00	\$0.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	650
3110011-005C	02	Construction	Tahoe City Public Utility District	West Lake Tahoe Regional Water Treatment Plant	B	0	\$7,725,000.00	\$7,725,000.00	\$0.00	Yes	Not Disadvantaged	750
5410038-004C	12	Construction	Terra Bella Irrigation District	Disinfection Byproducts Compliance Project	B	1	\$1,186,200.00	\$0.00	\$1,186,200.00	Auto	Small Severely Disadvantaged	2340
3400172-001C	09	Construction	Tokay Park Water Company	New Production Well and Interconnection Project	A	1	\$462,000.00	\$0.00	\$462,000.00	Auto	Small Disadvantaged	525
1010030-008C	23	Construction	Tranquillity Irrigation District	TID Ag Well 19B Treatment	D	1	\$4,237,000.00	\$0.00	\$4,237,000.00	Auto	Small Severely Disadvantaged	820
1010030-007C	23	Construction	Tranquillity Irrigation District	TID Rural Water System Improvement Project	C	1	\$4,700,000.00	\$0.00	\$4,700,000.00	Auto	Small Severely Disadvantaged	820
1010030-006C	23	Construction	Tranquillity Irrigation District	Tranquillity Irrigation District Water Meters Project	D	1	\$1,400,000.00	\$0.00	\$1,400,000.00	Auto	Small Severely Disadvantaged	820
5400550-002C	24	Construction	Tulare, County of	Seville Water Co. Consolidation with Yettem Water System	C	2	\$7,878,775.50	\$2,878,775.50	\$5,000,000.00	Auto	Small Severely Disadvantaged	400
5510013-010C	11	Construction	Tuolumne Utilities District	Cuesta Heights Water Storage	F	1	\$3,142,689.00	\$0.00	\$3,142,689.00	Auto	Small Severely Disadvantaged	3646
5510033-001C	11	Construction	Tuolumne Utilities District	Curtis Creek Elementary School Water System Consolidation Project	A	1	\$1,962,575.00	\$0.00	\$1,962,575.00	Auto	Small Severely Disadvantaged	625
4900568-001C	18	Construction	Valley Ford Water Association	VFWA New Well	A	1	\$1,500,000.00	\$0.00	\$1,500,000.00	Auto	Small Severely Disadvantaged	40

Project Number	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
1910169-001C		Construction	Walnut Park Mutual Water Company	Water Meter Replacement	D	1	\$1,240,000.00	\$0.00	\$1,240,000.00	Auto	Small Disadvantaged	16180
5010026-001C	10	Construction	Waterford, City of	Hickman Water System Improvements Construction Project	D	1	\$2,350,000.00	\$2,350,000.00	\$0.00	Auto	Small Disadvantaged	565
4710009-002C	01	Construction	Weed, City of	City of Weed Bypass Water Supply Pipeline Project	C	1	\$5,000,000.00	\$0.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	2963
4710009-003C	01	Construction	Weed, City of	City of Weed Meter Replacement Project	F	1	\$1,000,000.00	\$0.00	\$1,000,000.00	Auto	Small Severely Disadvantaged	2963
5000408-001C	10	Construction	Westley Community Services District	Westley Community Services District Metering Project	D	1	\$456,500.00	\$0.00	\$456,500.00	Auto	Small Severely Disadvantaged	70
1310008-003C	14	Construction	Westmorland, City of	Westmorland Water Treatment Plant Improvements	C	1	\$5,000,000.00	\$0.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	2444
0610004-001C	21	Construction	Williams, City of	Manganese Filtration Treatment Installation, New Water Meters, and SCADA Improvements	D	1	\$4,996,000.00	\$0.00	\$4,996,000.00	Auto	Small Severely Disadvantaged	5250
5700788-003C	09	Construction	Yolo, County of	North Davis Meadows Water Consolidation Project	C	1	\$8,250,000.00	\$8,250,000.00	\$0.00	Yes	Not Disadvantaged	110
2000567-002C	11	Construction	Yosemite Unified School District	Yosemite Unified School District Water System Upgrade Project	C	2	\$985,351.00	\$0.00	\$985,351.00	Auto	Small Severely Disadvantaged	1200
4710011-001C	01	Construction	Yreka, City of	City of Yreka E. Lennox Street Water Line Replacement & WTP Filter Improvements	B	1	\$2,549,000.00	\$0.00	\$2,549,000.00	Auto	Small Severely Disadvantaged	7290
4710011-003C	01	Construction	Yreka, City of	Water Supply and Storage Improvements	F	1	\$4,360,000.00	\$0.00	\$4,360,000.00	Auto	Small Severely Disadvantaged	7290
					Total	116	\$356,813,973.24	\$84,720,444.50	\$269,304,604.74			

Large Water Systems: Population >10,000 (Construction Projects)														
Project Number	Process Group	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Date Placed on Comprehensive List	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
0410007-002C	8	21	Construction	Paradise Irrigation District	Reservoir "B" Replacement Construction Project	F	1	\$15,500,000.00	10/16/2018	\$15,500,000.00	\$0.00	Yes	Small Disadvantaged	26299
0710001-002C	8	04	Construction	Antioch, City of	Brackish Water Desalination Construction Project	F	0	\$55,000,000.00	10/3/2018	\$55,000,000.00	\$0.00	Yes	Not Disadvantaged	100945
0810001-004C	8	01	Construction	Crescent City, City of	West Park Properties Mobile Home Park Consolidation	C	2	\$523,746.00	9/1/2018	\$0.00	\$523,746.00	Auto	Small Severely Disadvantaged	14000
0810001-005C	8	01	Construction	Crescent City, City of	Butte Court Mobile Home Park Consolidation	C	2	\$349,662.00	10/3/2018	\$0.00	\$349,662.00	Auto	Small Severely Disadvantaged	14000
0910002-028C	8	09	Construction	South Tahoe Public Utility District	Keller Heavenly Water System Improvements Project	F	0	\$5,504,500.00	6/1/2018	\$5,504,500.00	\$0.00	Yes	Not Disadvantaged	60000
1010007-032C	2	11	Construction	Fresno, City of	Fresno NE SWTF Finished Water Reservoir	F	0	\$14,000,000.00	6/1/2018	\$14,000,000.00	\$0.00	Yes	Large Disadvantaged	457511

Project Number	Process Group	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Date Placed on Comprehensive List	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
1010027-001C	7	11	Construction	Reedley, City of	George Cox - Reedley Consolidation Project	C	2	\$165,720.00	10/3/2018	\$0.00	\$165,720.00	Auto	Small Severely Disadvantaged	25584
1210001-001C	8	01	Construction	Arcata, City of	Steel Water Line Replacement	F	0	\$4,945,963.00		\$4,945,963.00		Auto	Large Severely Disadvantaged	16651
1510001-003C	2	12	Construction	Arvin Community Services District	Arsenic Mitigation Project - Phase II	C	1	\$14,348,615.80	10/1/2016	\$9,348,615.80	\$5,000,000.00	Auto	Small Severely Disadvantaged	11847
1510001-005C	8	12	Construction	Arvin Community Services District	123 TCP Treatment for Well No.8 and Well No. 13	C	1	\$3,115,350.00	6/1/2018	\$0.00	\$3,115,350.00	Auto	Small Severely Disadvantaged	11847
1510006-001C	8	12	Construction	East Niles Community Services District	North Weedpatch Hwy Water System Consolidation Project	C	2	\$15,289,500.00	6/1/2018	\$0.00	\$15,289,500.00	Auto	Small Severely Disadvantaged	25500
1510012-008C	8	12	Construction	Lamont Public Utility District	Lamont PUD and El Adobe POA consolidation project	C	2	\$6,760,000.00	6/1/2018	\$1,760,000.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	13296
1510018-016C	7	19	Construction	Rosamond Community Services District	RCSD Arsenic Regional Consolidation Project	C	2	\$8,714,533.00	6/1/2018	\$0.00	\$8,714,533.00	Auto	Small Disadvantaged	10633
1910005-004C	5	16	Construction	Los Angeles County Waterworks District 40	Desert Palms Mobile Home Park Intertie	C	1	\$743,000.00	10/3/2018	\$0.00	\$743,000.00	Auto	Small Severely Disadvantaged	12609
1910017-001C	7	22	Construction	Castaic Lake Water Agency	LARC Ranch Water Pipeline	A	2	\$2,771,489.00	10/3/2018	-\$11.00	\$2,771,500.00	Auto	Small Disadvantaged	111000
1910213-010C	8	22	Construction	Torrance, City of	Torrance Van Ness Well Field	F	0	\$16,700,000.00	6/1/2018	\$16,700,000.00	\$0.00	Yes	Not Disadvantaged	113136
2710008-001C	8	05	Construction	Greenfield, City of	Apple Avenue Water System Consolidation	C	2	\$389,000.00	10/3/2016	\$0.00	\$389,000.00	Auto	Small Severely Disadvantaged	17547
3010038-001C	8	08	Construction	Santa Ana, City of	Water Distribution System Improvements	F	0	\$10,800,000.00	1/30/2017	\$10,800,000.00	\$0.00	Yes	Not Disadvantaged	353428
3010038-002C	8	08	Construction	Santa Ana, City of	Automated Meter Infrastructure	F	0	\$13,700,000.00	1/30/2017	\$13,700,000.00	\$0.00	Yes	Not Disadvantaged	353428
3010038-003C	8	08	Construction	Santa Ana, City of	Well 32 Nitrate Treatment & Rehabilitation	F	0	\$5,290,000.00		\$5,290,000.00	\$0.00	Yes	Not Disadvantaged	353428
3010055-001C	8	08	Construction	South Coast Water District	Doheny Ocean Desalination	F	0	\$102,056,000.00	6/1/2018	\$102,056,000.00	\$0.00	Yes	Not Disadvantaged	20500
3310001-009C	7	20	Construction	Coachella Valley Water District	Thermal MWC & Oasis Gardens Consolidation Project	C	2	\$2,463,985.00	4/30/2017	\$0.00	\$2,463,985.00	Auto	Small Severely Disadvantaged	244472
3310001-010C	8	20	Construction	Coachella Valley Water District	Galindo MHP Consolidation	C	2	\$1,572,719.00	6/1/2018	\$0.00	\$1,572,719.00	Auto	Small Disadvantaged	244472
3310007-002C	8	20	Construction	Coachella, City of	Mesquite Mutual Water Company Consolidation Project	C	2	\$937,000.00	4/30/2017	\$0.00	\$937,000.00	Auto	Small Severely Disadvantaged	38406
3310016-009C	8	20	Construction	Hemet, City of	Water Distribution System Improvements	F	0	\$16,992,000.00	6/1/2018	\$16,992,000.00	\$0.00	Yes	Not Disadvantaged	20047
3610003-001C	2	13	Construction	Liberty Utilities (Apple Valley Ranchos Water) Co.	Rehabilitation of the Yermo Water System	C	1	\$5,000,000.00	6/16/2016	\$0.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	52879
3610008-012C	7	13	Construction	Big Bear City CSD	Well 8 Replacement	F	0	\$2,500,000.00	6/16/2016	\$2,500,000.00	\$0.00	Yes	Large Disadvantaged	12500
3610050-001C	2	13	Construction	Upland, City of	Replacement of 7.5 MG Reservoir at 17th Street and Benson Avenue	F	0	\$16,500,000.00	6/1/2018	\$16,500,000.00	\$0.00	Yes	Not Disadvantaged	73300

Project Number	Process Group	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Date Placed on Comprehensive List	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
3710008-003C	2	14	Construction	Fallbrook Public Utility District	Santa Margarita Conjunctive Use Project	F	0	\$53,334,000.00	10/3/2016	\$53,334,000.00	\$0.00	Yes	Not Disadvantaged	32000
3710020-071C	8	14	Construction	San Diego, City of	La Jolla View Reservoir	F	0	\$16,000,000.00	6/16/2016	\$16,000,000.00	\$0.00	Yes	Not Disadvantaged	1266731
3710020-077C	8	14	Construction	San Diego, City of	Morena Pipeline	F	0	\$38,180,000.00	6/1/2018	\$38,180,000.00	\$0.00	Yes	Not Disadvantaged	1266731
3710026-002C	8	14	Construction	Valley Center Municipal Water District	Pipeline Replacement	F	0	\$13,970,000.00		\$13,970,000.00	\$0.00	Yes	Not Disadvantaged	25572
3910005-001C	8	10	Construction	Manteca, City of	Nile Garden School - Well 30 Water Supply Project	C	1	\$5,000,000.00	10/3/2018	\$0.00	\$5,000,000.00	Auto	Small Severely Disadvantaged	66451
3910012-001C	8	10	Construction	Stockton, City of	City of Stockton Consolidation Project	F	2	\$600,000.00	6/1/2018	\$0.00	\$600,000.00	Auto	Small Disadvantaged	158113
4410010-001C	8	05	Construction	Santa Cruz, City of	Graham Hill WTP Storage Tank Replacement	F	0	\$30,000,000.00	10/3/2018	\$30,000,000.00	\$0.00	Yes	Not Disadvantaged	90000
5010013-001C	6	10	Construction	Newman, City of	Hexavalent Chromium Drinking Water Compliance Project	C	0	\$9,452,000.00	10/3/2018	\$9,452,000.00	\$0.00	Yes	Large Severely Disadvantaged	10586
5010043-001C	8	10	Construction	Stanislaus Regional Water Authority	Stanislaus Regional Water Authority Surface Water Supply	F	0	\$200,000,000.00	1/30/2017	\$200,000,000.00	\$0.00	Yes	Not Disadvantaged	118032
5110002-016C	8	21	Construction	Yuba City, City of	Barry Elementary School Water Service	C	2	\$2,383,651.00	10/12/2016	\$0.00	\$2,383,651.00	Auto	Small Disadvantaged	51504
5210004-001C	8	21	Construction	Red Bluff, City of	Gurnsey Avenue Mutual Water Company Consolidation	A	1	\$354,000.00	10/3/2018	\$0.00	\$354,000.00	Auto	Small Severely Disadvantaged	14005
5410010-018C	8	24	Construction	Porterville, City of	Consolidation of Akin Water Co (5401038)	C	2	\$3,387,000.00	6/1/2018		\$3,387,000.00	Auto	Small Disadvantaged	55107
5410015-001C	8	24	Construction	Tulare, City of	Consolidation of City of Tulare, Pratt, and Soult's Mutual Water Systems	D	1	\$2,000,000.00	10/12/2016	\$0.00	\$2,000,000.00	Auto	Small Severely Disadvantaged	60300
7844-110	6	05	Construction	California American Water Company	Monterey Peninsula Water Supply Project	F	0	\$279,200,000.00		\$191,977,920.00	\$0.00	Yes	Not Disadvantaged	
8419-110	6	14	Construction	San Diego, City of	Pure Water North City Morena Blvd Pump Station & Pipeline (Wastewater Portion)	F	0	\$287,000,000.00		\$56,711,200.00	\$0.00	Yes	Not Disadvantaged	1266731
8419-210	6	14	Construction	San Diego, City of	Pure Water North City Water Reclamation Plant Expansion	F	0	\$176,000,000.00		\$34,777,600.00	\$0.00	Yes	Not Disadvantaged	1266731
8419-310	6	14	Construction	San Diego, City of	Pure Water North City Metropolitan BioSolids Center Improvements	F	0	\$45,000,000.00		\$8,892,000.00	\$0.00	Yes	Not Disadvantaged	1266731
8419-410	6	14	Construction	San Diego, City of	Pure Water North City Water Reclamation Plant Expansion and Influent Conveyance	F	0	\$40,000,000.00		\$7,904,000.00	\$0.00	Yes	Not Disadvantaged	1266731
8419-510	6	14	Construction	San Diego, City of	Pure Water North City Pure Water Pump Station	F	0	\$17,000,000.00		\$3,359,200.00	\$0.00	Yes	Not Disadvantaged	1266731
8419-610	6	14	Construction	San Diego, City of	Pure Water North City Pure Water Pipeline	F	0	\$108,000,000.00		\$21,340,800.00	\$0.00	Yes	Not Disadvantaged	1266731
8419-710	6	14	Construction	San Diego, City of	Pure Water North City Pure Water Facility	F	0	\$553,000,000.00		\$109,272,800.00	\$0.00	Yes	Not Disadvantaged	1266731
8419-810	6	14	Construction	San Diego, City of	Pure Water North City Morena Blvd Pump Station & Pipeline (Water Portion)	F	0	\$41,000,000.00		\$8,101,600.00	\$0.00	Yes	Not Disadvantaged	1266731

Project Number	Process Group	District Number	Project Type	Applicant	Project Title / Description	Class	Bonus Score	Estimated Project Costs	Date Placed on Comprehensive List	Estimated DWSRF Loan	Estimated PF/Grant Amount	Fundable List FY 2019-20	Degree of Disadvantaged	Population
						Total	50	\$2,263,493,433.80		\$1,093,870,187.80	\$65,760,366.00			

DRAFT

APPENDIX B: SFY 2019-20 DWSRF COMPREHENSIVE LIST

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
0103040-001P	04	Planning	Norris Canyon Property Owners Association	NCPOA Water System Upgrades	B	0	245,000	6/1/2018
0105008-002C	04	Construction	Castlewood Domestic Water System	Castlewood Redwood Tank Replacement	F	0	2,600,000	1/30/2017
0202504-002P	09	Planning	Markleeville Water Company	Markleeville Water Company System Improvement Project	C	0	435,300	10/3/2016
0310005-001C	10	Construction	Pine Grove Community Services District	Water Tanks Replacement Project	F	0	2,500,000	10/3/2018
0310005-002C	10	Construction	Pine Grove Community Services District	Meter Replacement Project	D	0	2,725,000	
0310006-002C	10	Construction	River Pines Public Utility District	River Pines PUD Storage and Distribution Rehab Project	F	0	5,000,000	10/3/2018
0310012-007C	10	Construction	Amador Water Agency	Redwood Tank and Floating Cover Replacement Project	F	0	307,273	6/1/2018
0310012-008C	10	Construction	Amador Water Agency	Redwood Tank and Floating Cover Replacement Project	F	0	307,273	
0400063-001P	21	Planning	Manzanita Elementary School District	Manzanita Well Replacement	C	0	495,000	
0400073-001P	21	Planning	Chico Unified School District	Nord Country New Well	F	0	306,170	10/3/2018
0410007-002C	21	Construction	Paradise Irrigation District	Reservoir "B" Replacement Construction Project	F	0	15,500,000	10/16/2018
0410018-001P	21	Planning	Del Oro Water Company	Storage Tank/Clear Well Addition	C	0	73,000	6/1/2018
0510002-003C	10	Construction	Calaveras Public Utilities District	Calaveras PUD SCADA System Upgrade	F	0	800,000	10/3/2018
0600121-001P	23	Planning	Big Sandy Rancheria of Western Mono Indians of California	Big Sandy Rancheria Water System Capital Improvement	C	0	120,000	6/1/2018
0610002-001C	21	Construction	Colusa, City of	Walnut Ranch Construction Project	C	0	2,022,580	4/1/2017
0610002-003C	21	Construction	Colusa, City of	Bridge Street Waterline Consolidation & Replacement Project	F	0	1,409,506	10/3/2018
0610004-001C	21	Construction	Williams, City of	Manganese Filtration Treatment Installation, New Water Meters, and SCADA Improvements	D	0	4,996,000	10/12/2016
0610004-002P	21	Planning	Williams, City of	New Well No. 11	E	0	405,000	12/1/2017

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
0710001-002C	04	Construction	Antioch, City of	Brackish Water Desalination Construction Project	F	0	55,000,000	10/3/2018
0800532-003C	01	Construction	Big Rock Community Services District	Big Rock CSD Water Tank Replacement Project	C	0	1,112,781	1/30/2017
0810001-004C	01	Construction	Crescent City, City of	West Park Properties Mobile Home Park Consolidation	C	0	523,746	9/1/2018
0810001-005C	01	Construction	Crescent City, City of	Butte Court Mobile Home Park Consolidation	C	0	349,662	10/3/2018
0810001-006C	01	Construction	Crescent City, City of	Water Improvement Project	F	0	4,475,000	10/3/2018
0810002-001P	01	Planning	Smith River Community Services District	Smith River CSD Water Infrastructure Improvement Project	F	0	455,000	6/1/2018
0910002-028C	09	Construction	South Tahoe Public Utility District	Keller Heavenly Water System Improvements Project	F	0	5,504,500	6/1/2018
0910006-001P	09	Planning	Grizzly Flats Community Services District	Water System Improvement Planning Project	F	0	385,000	10/3/2018
0910007-001C	09	Construction	Lukins Brothers Water Company	Phase 2 Waterline Project - James Avenue	D	0	1,330,000	3/15/2015
0910007-002C	9	Construction	Lukins Brothers Water Company	Lukins GAC Treatment Plant	C	0	1,750,000	12/1/2017
0910007-003C	09	Construction	Lukins Brothers Water Company	Two Well Replacements	C	0	1,500,000	6/1/2018
0910007-004C	09	Construction	Lukins Brothers Water Company	Lukins Brothers Water Company Inc. Meter Project	D	0	3,301,000	10/3/2018
1000016-001C	23	Construction	Dorabelle MWC	Dorabelle MWC Construction Project	F	0	29,900	10/3/2018
1000063-005C	23	Construction	New Auberry Water Association	Water System Improvements	B	0	3,131,200	6/1/2018
1000577-001C	23	Construction	Kings Canyon Unified School District	Dunlap Leadership Academy Water Supply Upgrade and Consolidation Project	C	0	1,636,000	
1010005-003C	23	Construction	Firebaugh, City of	HUD Water Storage Tank	E	0	4,786,000	6/1/2018
1010007-032C	11	Construction	Fresno, City of	Fresno NE SWTF Finished Water Reservoir	F	0	14,000,000	6/1/2018
1010018-003P	23	Planning	Kerman, City of	Kerman Hexachromium Planning project	C	0	2,725,000	1/30/2017
1010021-001C	23	Construction	Mendota, City of	Mendota AMR	F	0	3,074,561	6/30/2016
1010021-002P	23	Planning	Mendota, City of	Water Supply Planning Project	E	0	500,000	
1010023-005C	23	Construction	Orange Cove, City of	Emergency Lining of Source Water Retention Basins	C	0	3,000,000	

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
1010023-006P	23	Planning	Orange Cove, City of	City of Orange Cove Water Supply Reliability Project	F	0	481,000	6/1/2018
1010025-001C	11	Construction	Parlier, City of	1,2,3-TCP Removal Treatment Systems	A	0	17,322,726	6/1/2018
1010026-001P	11	Planning	Pinedale County Water District	Pinedale County Water District - Water Meter Project	E	0	500,000	
1010027-001C	11	Construction	Reedley, City of	George Cox - Reedley Consolidation Project	C	0	165,720	10/3/2018
1010030-006C	23	Construction	Tranquillity Irrigation District	Tranquillity Irrigation District Water Meters Project	D	0	1,400,000	12/12/2017
1010030-007C	23	Construction	Tranquillity Irrigation District	TID Rural Water System Improvement Project	C	0	4,700,000	12/1/2017
1010030-008C	23	Construction	Tranquillity Irrigation District	TID Ag Well 19B Treatment	D	0	4,237,000	12/1/2017
1010034-004C	23	Construction	San Joaquin, City of	Well #3 and Well #5 Manganese Removal System	E	0	3,000,000	
1010035-005C	23	Construction	Del Rey Community Services District	Water Meter Installation Project	D	0	905,472	6/1/2018
1010039-002C	23	Construction	Caruthers Community Services District	Installation of Arsenic Treatment Facility and Water Meters	C	0	4,311,120	6/16/2016
1010044-001C	23	Construction	Huron, City of	Water Treatment Plant Improvement Project	C	0	7,700,000	3/15/2015
1010044-008P	23	Planning	Huron, City of	Domestic Water Well Planning Project	F	0	280,000	7/15/2015
1010049-008C	23	Construction	Biola Community Services District	Biola CSD Water Distribution System Upgrades	E	0	3,239,000	6/1/2018
1110001-005P	21	Planning	Orland, City of	Domestic well and ground storage tank	A	0	245,000	
1200541-003P	01	Planning	Phillipsville Community Services District	Treatment Deficiency Remediation	B	0	267,720	3/1/2015
1200701-001P	01	Planning	Orick Community Services District	Water Tank Replacement Project	C	0	374,000	6/1/2018
1210001-001C	01	Construction	Arcata, City of	Steel Water Line Replacement	F	0	4,945,963	
1210010-001P	01	Planning	Scotia Community Services District	Scotia Water Treatment Facility Replacement	F	0	500,000	10/3/2018
1210011-001P	01	Planning	Redway Community Services District	Drinking Water Improvements Planning Project	C	0	485,790	10/3/2018
1210017-001C	01	Construction	Manila Community Services District	Manila CSD Drinking Water Infrastructure Improvement Project	F	0	3,504,000	
1210019-001P	01	Planning	Hydesville County Water District	Hydesville County Water District Water System Improvements	F	0	500,000	10/3/2018

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
1210024-004	01	Planning	Westhaven Community Services District	Disinfection Byproduct Reduction	F	0	500,000	10/3/2018
1310005-006C	14	Construction	Holtville, City of	Holtville Water Tank & System Improvements	C	0	4,148,283	6/16/2016
1310008-003C	14	Construction	Westmorland, City of	Westmorland Water Treatment Plant Improvements	C	0	5,000,000	10/3/2018
1500458-002C	19	Construction	R.S. Mutual Water Company	R.S. Mutual Water Company consolidation project	C	0	538,000	12/1/2017
1500544-004P	12	Planning	Enos Lane Public Utility District	Nitrate and Arsenic Mitigation Project-Enos Lane PUD	C	0	495,150	6/1/2018
1502307-001C	19	Construction	Kern, County of	Peak-to-Peak Mountain Charter School water system permanent source	C	0	836,000	
1502607-001C	19	Construction	Caliente Union School District	Piute Mountain Elementary School Fluoride Remediation Project	C	0	965,912	12/1/2017
1510001-003C	12	Construction	Arvin Community Services District	Arsenic Mitigation Project - Phase II	C	0	14,348,616	10/1/2016
1510001-005C	12	Construction	Arvin Community Services District	123 TCP Treatment for Well No.8 and Well No. 13	C	0	3,115,350	6/1/2018
1510006-001C	12	Construction	East Niles Community Services District	North Weedpatch Hwy Water System Consolidation Project	C	0	15,289,500	6/1/2018
1510007-001P	19	Planning	Frazier Park Public Utility District	Frazier Park/Lake of the Woods Regional Consolidation Planning Project	A	0	1,014,892	1/30/2017
1510012-008C	12	Construction	Lamont Public Utility District	Lamont PUD and El Adobe POA consolidation project	C	0	6,760,000	6/1/2018
1510012-009P	12	Planning	Lamont Public Utility District	Lamont PUD Arsenic Treatment	C	0	457,000	10/3/2018
1510014-003C	19	Construction	Mojave Public Utility District	Emergency Roof Repair at the Two 1.5 Million Gallon Navy Tanks	D	0	2,215,930	12/1/2017
1510016-005C	19	Construction	Rand Communities Water District	Rand Communities Water District Water Supply Project	C	0	3,218,000	12/1/2017
1510018-016C	19	Construction	Rosamond Community Services District	RCSD Arsenic Regional Consolidation Project	C	0	8,714,533	6/1/2018
1510033-001C	19	Construction	California Water Service Company	Secondary Treatment at Kernville Surface Water Plant	C	0	1,000,000	6/1/2018
1510046-008C	12	Construction	Lost Hills Utility District	Well Number Three	F	0	1,732,039	1/28/2016
1600507-002C	12	Construction	Hardwick Water Company	Hardwick Water Company Meter and Main Replacement	C	0	1,086,690	6/16/2016
1610007-003P	12	Planning	Home Garden Community Services District	Home Garden System Deficiencies Planning Project	F	0	350,000	10/3/2016
1700546-001C	03	Construction	Clear Water Mutual Water Company	Upper Storage Tank Replacement Project	D	0	1,000,000	7/30/2017

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
1700561-001P	03	Planning	Blue Lakes Improvement Club Water, Inc.	Blue Lakes Improvement Club Water System Improvements	F	0	90,000	12/1/2017
1710001-006P	03	Planning	Clearlake Oaks County Water District	Harvey Area Improvements and Access Road for CSA 16	F	0	500,000	
1710001-007P	03	Planning	Clearlake Oaks County Water District	Distribution System Improvements	F	0	500,000	
1710001-008P	03	Planning	Clearlake Oaks County Water District	Water Treatment Plant, Meter and Cross-Connection Control	F	0	500,000	
1710002-001P	03	Planning	Golden State Water Company - Clearlake System	Intake Treatment Planning Project	E	0	500,000	10/3/2018
1710003-001P	03	Planning	Highlands Water Company	Plant and Distribution Improvements	F	0	500,000	12/1/2017
1710005-003P	03	Planning	California Water Service Company	California Water Service - Intake Water Quality	F	0	385,936	10/3/2018
1710006-005C	03	Construction	Konociti County Water District	Water System Improvements Project	C	0	8,744,000	6/1/2018
1710008-001C	03	Construction	Nice Mutual Water Company	Meter Renovation Project	D	0	255,000	1/30/2017
1710009-001P	03	Planning	Upper Lake County Water District	Cal 20 Consolidation	F	0	100,000	1/30/2017
1710010-001P	03	Planning	Lower Lake County Water District	Lower Lake CWD - Source Capacity & Treatment Plant	C	0	500,000	6/30/2018
1710012-001P	03	Planning	Cobb Area County Water District	Multi-System Consolidation Project	C	0	2,550,000	6/16/2016
1710012-002C	03	Construction	Cobb Area County Water District	Summit Area Improvements	C	0	1,800,000	10/3/2018
1710013-003C	03	Construction	Callayomi County Water District	Callayomi CWD Big Canyon Production Well Improvements	B	0	2,031,500	12/1/2017
1710018-002P	03	Planning	Lake County Special Districts	Spring Valley Distribution System Upgrades	F	0	500,000	6/1/2018
1710022-009C	03	Construction	Lake, County of (CSA 20)	Soda Bay Water Treatment Plant Improvements	F	0	5,000,000	10/3/2016
1800512-001C	02	Construction	Clear Creek Community Services District	Drinking Water System Improvements	A	0	4,996,800	10/3/2018
1805007-001C	02	Construction	Herlong Public Utility District	West Patton Water System Project	D	0	2,398,128	6/1/2018
1900130-001P	16	Planning	Del Rio Mutual Water Company	Del Rio MWC Water System Capital Improvements	D	0	180,000	6/1/2018
1910005-004C	16	Construction	Los Angeles County Waterworks District 40	Desert Palms Mobile Home Park Intertie	C	0	743,000	10/3/2018
1910017-001C	22	Construction	Castaic Lake Water Agency	LARC Ranch Water Pipeline	A	0	2,771,489	10/3/2018

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
1910020-001C	22	Construction	East Pasadena Water Company	Well #8 Treatment and Blending for 123 TCP	C	0	1,500,000	6/30/2018
1910023-001C	16	Construction	Averydale Mutual Water Company	Meter Replacement Project	D	0	419,000	
1910049-001P	22	Planning	Huntington Park, City of	Miles Avenue Water Quality Improvement Project	E	0	236,500	1/30/2017
1910049-002P	22	Planning	Huntington Park, City of	Cottage Reservoirs Water Quality Improvement Project	F	0	250,000	10/3/2018
1910079-001P	22	Planning	Lynwood, City of	Well 19 Improvement Project	F	0	100,000	1/30/2017
1910086-001C	16	Construction	Maywood Mutual Water Company #3	Water Quality Improvement Project	F	0	2,650,000	6/1/2018
1910165-001P	07	Planning	Valley View MWC	Valley View MWC System Improvements	F	0	384,200	10/3/2018
1910169-001C	7	Construction	Walnut Park Mutual Water Company	Water Meter Replacement	D	0	1,240,000	6/1/2018
1910185-001C	16	Construction	Los Angeles County Waterworks District 36	Del Valle Road Water Main Replacement	F	0	3,750,000	6/16/2016
1910204-001C	16	Construction	Los Angeles County Waterworks District 29	Malibu Branch Feeder 30-inch Realignment	F	0	1,510,000	6/16/2016
1910204-002C	16	Construction	Los Angeles County Waterworks District 29	Coastline Drive 12-inch Waterline Replacement	F	0	2,025,000	6/16/2016
1910204-003C	16	Construction	Los Angeles County Waterworks District 29	Owen Tank Replacement	C	0	3,306,320	3/1/2015
1910204-004C	16	Construction	Los Angeles County Waterworks District 29	Pacific Coast Highway 8-inch Water Line Replacement, Zumirez Dr. to Escondido Beach Rd.	F	0	6,090,000	6/16/2016
1910204-005C	16	Construction	Los Angeles County Waterworks District 29	Lower Busch Tank	F	0	2,405,000	6/16/2016
1910204-006C	16	Construction	Los Angeles County Waterworks District 29	Creek Crossing Repairs	F	0	1,945,000	6/16/2016
1910204-009P	16	Planning	Los Angeles County Waterworks District 29	Sweetwater Mesa System Improvements	C	0	2,024,000	1/30/2017
1910213-010C	22	Construction	Torrance, City of	Torrance Van Ness Well Field	F	0	16,700,000	6/1/2018
1910248-001C	16	Construction	Los Angeles County Waterworks District 37	Acton Well 37-5	C	0	1,365,000	6/16/2016
1910248-002P	16	Planning	Los Angeles County Waterworks District 37	3220 Tank	F	0	653,000	6/16/2016
2000506-001C	11	Construction	Sierra Linda Mutual Water Company	Sierra Linda Mutual Water Company Consolidation, Metering, and Water Treatment	D	0	4,159,000	10/3/2016

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
2000509-006P	11	Planning	Cascadel Mutual Water Co.	Well Replacement Planning Project	C	0	300,000	1/30/2017
2000511-001P	11	Planning	Madera, County of (MD85 - Valeta)	MD85 Valeta - Valeta Water System Improvements Project	C	0	500,000	6/1/2018
2000527-001P	11	Planning	Yosemite Forks Estates Mutual Water Company	Arsenic MCL mitigation project	C	0	430,000	10/12/2016
2000538-001P	11	Planning	Cedar Valley Development Mutual Water Company	Arsenic MCL Compliance	C	0	430,000	6/16/2016
2000554-002C	11	Construction	Madera, County of	MD33 Fairmead - Drinking Water Construction Project	C	0	1,600,000	12/1/2017
2000567-002C	11	Construction	Yosemite Unified School District	Yosemite Unified School District Water System Upgrade Project	C	0	985,351	7/1/2015
2000597-001P	11	Planning	Alview-Dairyland Union School District	Dairyland Elementary School New Well and Alview Elementary School Back-Up Source	D	0	100,000	6/1/2018
2000727-001P	11	Planning	Madera, County of (MD36 - Eastin Arcola)	MD36 Eastin Arcola - Eastin Arcola Water System Improvements Project	C	0	500,000	6/1/2018
2000728-001C	11	Construction	Madera, County of (MD37 - La Vina)	MD37 La Vina - Water Meter Installation	D	0	277,250	3/1/2015
2000729-001C	11	Construction	Madera County of (CSA #16 - Sumner Hill)	CSA #16 Sumner Hill Water System Improvements	F	0	4,500,000	
2000737-002C	11	Construction	Madera, County of	Maintenance District 42 Pipeline Construction and Consolidation	C	0	2,138,584	6/30/2016
2000828-002P	11	Planning	Shady Oaks Mobile Home Park	Shady Oak Water Project- Uranium MCL Exceedance	C	0	390,000	1/30/2017
2010003-003C	11	Construction	Bass Lake Water Company	Willow Creek Surface Water Treatment Plant	C	0	4,600,000	1/30/2017
2010003-004C	11	Construction	Madera, County of	MD-6 & MD-7 Consolidation Project, New Well and Treatment	C	0	6,533,008	6/1/2018
2010006-001P	11	Planning	Madera, County of (MD3 - Parksdale)	MD3 Parksdale - Parksdale Drinking Water Project	F	0	480,500	12/1/2017
2010008-002C	11	Construction	Madera, County of	MD #10A- Consolidation Incentive Construction Project	D	0	15,508,940	1/22/2016
2010008-004P	11	Planning	Madera, County of (MD10A - Madera Ranchos)	MD #10A- Ranchos Pipe Replacement & Metering Planning Project	F	0	355,000	6/1/2018
2100582-001C	18	Construction	Nicasio School District	Nicasio School District Water System Upgrade	B	0	55,000	6/16/2016
2110001-001C	18	Construction	Inverness Public Utility District	Tenney Tank Replacement	F	0	400,000	6/1/2018
2310005-001P	03	Planning	Willow County Water District	Well Renovation Planning	C	0	220,000	10/3/2018

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
2400167-001P	11	Planning	Ballico Community Service District	Secondary Well Construction	C	0	455,000	10/3/2016
2410004-004C	11	Construction	Livingston, City of	Livingston 1,2,3-TCP Removal Treatment System Project	C	0	12,000,000	
2410007-001P	11	Planning	Planada CSD	Planada Community Services District Water Supply Project	F	0	500,000	6/1/2018
2410011-001P	11	Planning	Le Grand Community Services District	Le Grand Community Services District Well Site Seven	F	0	297,600	
2410018-001C	11	Construction	Santa Nella County Water District	Santa Nella/Volta Water Quality Improvement	E	0	10,288,924	6/1/2018
2510002-001P	01	Planning	Cedarville County Water District	Cedarville Capital Improvements	F	0	490,000	
2701676-006P	05	Planning	San Lucas County Water District	Treated Groundwater Feasibility Report	A	0	1,288,600	
2710007-001P	05	Planning	Gonzales, City of	Water Extension to Alpine Court Planning	A	0	100,000	12/1/2017
2710008-001C	05	Construction	Greenfield, City of	Apple Avenue Water System Consolidation	C	0	389,000	10/3/2016
2800840-003C	03	Construction	Napa County Schools: Pope Valley	Pope Valley School Water Treatment	F	0	57,000	
2900502-002C	21	Construction	Floriston Property Owners Association, Inc.	Spring Filtration Project	A	0	3,230,000	4/1/2017
2910001-004C	21	Construction	Grass Valley, City of	Water Distribution System Pipeline Repair and Replacement	F	0	5,000,000	1/30/2017
2910001-005C	21	Construction	Grass Valley, City of	Water Treatment Plant Improvement Project	F	0	5,000,000	10/3/2018
2910001-006C	21	Construction	Grass Valley, City of	Water Service, Earthquake Preparation, and Control Project	F	0	5,000,000	10/3/2018
3010038-001C	08	Construction	Santa Ana, City of	Water Distribution System Improvements	F	0	10,800,000	1/30/2017
3010038-002C	08	Construction	Santa Ana, City of	Automated Meter Infrastructure	F	0	13,700,000	1/30/2017
3010038-003C	08	Construction	Santa Ana, City of	Well 32 Nitrate Treatment & Rehabilitation	F	0	5,290,000	
3010055-001C	08	Construction	South Coast Water District	Doheny Ocean Desalination	F	0	102,056,000	6/1/2018
3100038-001P	02	Planning	Heather Glen Community Services District	Water Treatment Plant Storage and Reliability Project	F	0	434,350	10/3/2016
3110005-006C	02	Construction	Placer County Water Agency	Castle City Water System Consolidation Project	B	0	1,768,423	1/30/2017
3110011-005C	02	Construction	Tahoe City Public Utility District	West Lake Tahoe Regional Water Treatment Plant	B	0	7,725,000	1/25/2016

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
3200510-002P	02	Planning	Indian Valley Community Services District	Crescent Mills Filters, PLC, & SCADA Rehabilitation	F	0	124,000	1/30/2017
3210004-004P	02	Planning	Quincy Community Services District	Water System Improvement Project	F	0	500,000	6/16/2016
3210011-006C	02	Construction	Plumas Eureka Community Services District	Plumas Eureka Water Treatment Plant	C	0	3,500,000	
3301153-001C	20	Construction	Coachella Valley Unified School District	Consolidation/extension of service to Westside school-Coachella Valley USD	C	0	880,155	1/30/2017
3301180-001C	20	Construction	Anza Mutual Water Co., Inc.	Anza Mutual Water System Improvements Project	F	0	3,000,000	7/1/2015
3301491-003P	20	Planning	Alpine Village	Planning for Uranium treatment and Meter Installation	F	0	221,200	4/30/2017
3310001-009C	20	Construction	Coachella Valley Water District	Thermal MWC & Oasis Gardens Consolidation Project	C	0	2,463,985	4/30/2017
3310001-010C	20	Construction	Coachella Valley Water District	Galindo MHP Consolidation	C	0	1,572,719	6/1/2018
3310007-002C	20	Construction	Coachella, City of	Mesquite Mutual Water Company Consolidation Project	C	0	937,000	4/30/2017
3310016-009C	20	Construction	Hemet, City of	Water Distribution System Improvements	F	0	16,992,000	6/1/2018
3310044-015C	20	Construction	Rubidoux Community Services District	RCSA Advanced Meter Infrastructure (AMI) Project	F	0	3,000,000	10/3/2018
3310047-001P	20	Planning	Cabazon Water District	Well Improvements Project	F	0	416,000	10/3/2016
3310047-002P	20	Planning	Cabazon Water District	Pipeline Project	F	0	187,000	10/3/2016
3310051-001P	20	Planning	Myoma Dunes Mutual Water Company	Chromium-6 Treatment and Compliance	C	0	2,671,640	6/1/2018
3400172-001C	09	Construction	Tokay Park Water Company	New Production Well and Interconnection Project	A	0	462,000	6/1/2018
3600012-002P	13	Planning	Apple Valley View Mutual Water Company	Treatment Plant - Fluoride Compliance Study	C	0	500,000	1/30/2017
3600114-003C	13	Construction	San Bernardino, County of	CSA 70 W3 Hacienda Uranium Treatment Facilities	C	0	56,000	10/3/2018
3600139-001C	13	Construction	Jubilee Mutual Water Company	Gordon Acres Consolidation Project	A	0	7,282,600	10/3/2018
3600196-007C	13	Construction	San Bernardino, County of	CSA 70 W-4 Pioneertown & Hi Desert WD Interconnection Piping	C	0	5,400,000	1/22/2016
3600220-001C	13	Construction	San Bernardino, County of	CSA 42 Oro Grande Reservoir Rehabilitation/Replacement Project	F	0	552,000	10/3/2018
3600222-001P	13	Planning	Juniper Riviera County Water District	Juniper Riviera CWD Water System Improvements	F	0	423,000	10/3/2016

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
3600226-001C	13	Construction	San Bernardino, County of	CSA 70 F Morongo Uranium Treatment Facilities	C	0	455,000	10/3/2018
3600306-005P	13	Planning	Thunderbird CWD	Planning for Water Production Facility (Well 5)	F	0	494,500	6/1/2018
3610002-001C	13	Construction	Alpine Water Users Association	Alpine Water Users Association Meter Replacement Project	D	0	498,288	1/30/2017
3610003-001C	13	Construction	Liberty Utilities (Apple Valley Ranchos Water) Co.	Rehabilitation of the Yermo Water System	C	0	5,000,000	6/16/2016
3610004-001P	13	Planning	West Valley Water District	District 39 Nitrate Removal Wellhead Treatment Plant	F	0	450,000	1/30/2017
3610008-012C	13	Construction	Big Bear City CSD	Well 8 Replacement	F	0	2,500,000	6/16/2016
3610025-002C	13	Construction	Joshua Basin Water District	Saddleback Pipeline Project	F	0	3,721,500	10/3/2018
3610032-001C	13	Construction	Needles, City of	Lilly Hill Booster Station Replacement/Relocation Project	F	0	516,651	12/1/2017
3610049-005P	13	Planning	Twentynine Palms Water District	Potable Groundwater Management Project	F	0	1,800,000	6/16/2016
3610050-001C	13	Construction	Upland, City of	Replacement of 7.5 MG Reservoir at 17th Street and Benson Avenue	F	0	16,500,000	6/1/2018
3610051-001P	13	Planning	Valley of Enchantment Mutual Water Company	Infrastructure Replacements, tanks, services lines, auto metering systems	F	0	500,000	12/1/2017
3610117-001P	13	Planning	Devore WC	Water System Improvements for Nitrate Exceedance	A	0	493,200	10/3/2018
3700422-001P	14	Planning	Laguna Mountain MWC	Laguna Mountain MWC System Upgrade	F	0	350,000	10/3/2018
3700922-001P	14	Planning	Live Oak Springs Water Company	New Well	D	0	90,000	6/1/2018
3700923-002C	14	Construction	Lake Morena's Oak Shores Mutual Water Company, Inc.	Eastside Pipeline Looping and Pipeline Abandonment Improvements	D	0	756,500	1/30/2017
3710008-003C	14	Construction	Fallbrook Public Utility District	Santa Margarita Conjunctive Use Project	F	0	53,334,000	10/3/2016
3710020-071C	14	Construction	San Diego, City of	La Jolla View Reservoir	F	0	16,000,000	6/16/2016
3710020-077C	14	Construction	San Diego, City of	Morena Pipeline	F	0	38,180,000	6/1/2018
3710020-078C	14	Construction	San Diego, City of	Morena Reservoir Outlet Tower Upgrade	F	0	22,200,000	10/3/2018
3710026-002C	14	Construction	Valley Center Municipal Water District	Pipeline Replacement	F	0	13,970,000	

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
3710036-001C	14	Construction	Borrego Water District	Water Pump Diesel Engine Upgrade and Tank Rehabilitation	F	0	615,000	4/30/2017
3910005-001C	10	Construction	Manteca, City of	Nile Garden School - Well 30 Water Supply Project	C	0	5,000,000	10/3/2018
3910012-001C	10	Construction	Stockton, City of	City of Stockton Consolidation Project	F	0	600,000	6/1/2018
3910018-001P	10	Planning	San Joaquin River Club, Inc.	Chrome VI Compliance	F	0	250,700	6/16/2016
3910018-002P	10	Planning	San Joaquin River Club, Inc.	SJRC Water Distribution Improvement Project	F	0	304,400	12/1/2017
4110020-001P	17	Planning	Palo Alto Park MWC	PAPMWC Iron and Manganese Removal System	F	0	500,000	10/3/2018
4210009-001C	06	Construction	Cuyama Community Services District	Well No. 4 Drilling and Equipping Project	D	0	975,000	6/1/2018
4210020-001P	06	Planning	Santa Ynez River Water Conservation District, Improvement District 1	Chromium 6 Mitigation Program	F	0	1,791,171	6/1/2018
4300517-003C	17	Construction	Chemeketa Park Mutual Water Company	Main Booster Pump and Pipeline	F	0	60,000	4/30/2017
4300517-004P	17	Planning	Chemeketa Park Mutual Water Company	Short Well	F	0	200,000	4/30/2017
4300575-001P	17	Planning	Twin Valley Incorporated	Well, Tank and Control Replacement	A	0	313,000	1/30/2017
4300912-001P	17	Construction	Mecchi Water Company	Water System Improvements	F	0	19,372	
4301004-002C	17	Construction	Emerald Valley Estates Mutual Water Company	Test Well Integration	A	0	178,025	6/1/2018
4400571-005C	05	Construction	Davenport County Sanitation District	Old Coast Water Line Extension	D	0	240,066	10/3/2016
4400571-006P	05	Planning	Davenport County Sanitation District	Davenport Diversion Facility Upgrade Feasibility Study	F	0	475,000	10/3/2016
4400598-004C	05	Construction	Puresource Water, Inc	New Well, Customer Meters, Intertie Electricity, Storage Tank Improvements	A	0	406,670	10/3/2016
4400608-002P	05	Planning	Forest Springs	Forest Springs Water Upgrade	B	0	85,800	3/1/2015
4400617-001C	05	Construction	Santa Cruz Mountains Summit West, Inc	Mountain Charlie Tank Replacement	F	0	250,000	10/3/2018
4410010-001C	05	Construction	Santa Cruz, City of	Graham Hill WTP Storage Tank Replacement	F	0	30,000,000	10/3/2018
4410010-002C	05	Construction	Santa Cruz, City of	Newell Creek Inlet-Outlet Replacement Project	F	0	103,453,000	10/3/2018
4500015-001P	02	Planning	Shasta, County of	Shasta County CSA No. 3 - Castella Intake Replacement	F	0	500,000	12/1/2017

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
4500210-006C	02	Construction	Lassen Pines Mutual Water Company	Water Storage Improvements Project	F	0	2,075,000	10/3/2018
4510001-001C	02	Construction	Anderson, City of	Anderson Heights Reservoir Replacement and Pressure Regulating Valve (PRV) Station Project	F	0	2,250,000	10/1/2016
4510002-006P	02	Planning	Mountain Gate Community Services District	Water System Improvements Project	E	0	500,000	12/1/2017
4510003-001P	02	Planning	Burney Water District	Burney Water District Well 9 Planning Project	F	0	500,000	6/1/2018
4510003-002P	02	Planning	Burney Water District	Burney Water District Water Storage Planning Project	F	0	380,000	6/30/2018
4510003-003C	02	Construction	Burney Water District	Burney Water District Water System Improvement Project	E	0	5,135,000	6/1/2018
4510008-001C	02	Construction	Fall River Valley Community Services District	Fall River Valley CSD - Water Tank and Booster Pump Station Project	D	0	1,696,250	12/1/2017
4600018-001P	02	Planning	Sierraville Public Utility District	New Water Source	D	0	320,100	1/1/2016
4610002-003C	02	Construction	Downieville Public Utility District	Storage Tanks Replacement	F	0	709,500	6/1/2018
4700513-004P	01	Planning	Hornbrook Community Services District	Water Treatment Plant Rehabilitation	F	0	497,000	
4700531-005P	01	Planning	Tennant Community Services District	Water Distribution Replacement Project	D	0	253,000	12/1/2017
4710001-007C	01	Construction	Dorris, City of	Meter Project	D	0	2,105,485	1/26/2016
4710002-001C	01	Construction	Dunsmuir, City of	Downtown Tank Replacement Project	F	0	3,406,000	6/1/2018
4710002-002C	01	Construction	Dunsmuir, City of	Water Main Replacement Project	F	0	5,000,000	10/3/2018
4710004-001P	01	Planning	Etna, City of	City of Etna Surface Water Treatment Compliance Planning	B	0	500,000	12/1/2017
4710008-001C	01	Construction	Mt. Shasta, City of	City of Mt. Shasta Tank 1 & Roseburg Water System Improvements	A	0	5,000,000	6/1/2018
4710008-003C	01	Construction	Mt. Shasta, City of	Water Distribution System Improvements	F	0	5,000,000	10/3/2018
4710009-002C	01	Construction	Weed, City of	City of Weed Bypass Water Supply Pipeline Project	C	0	5,000,000	6/1/2018
4710009-003C	01	Construction	Weed, City of	City of Weed Meter Replacement Project	F	0	1,000,000	6/1/2018
4710011-001C	01	Construction	Yreka, City of	City of Yreka E. Lennox Street Water Line Replacement & WTP Filter Improvements	B	0	2,549,000	6/1/2018

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
4710011-003C	01	Construction	Yreka, City of	Water Supply and Storage Improvements	F	0	4,360,000	
4710013-001P	01	Planning	Lake Shastina Community Services District	Lake Shastina Drinking Water Rehabilitation and Upgrade Project	F	0	500,000	1/30/2017
4900510-001P	18	Planning	South Cloverdale Water Corporation	South Cloverdale Water Company Metering	D	0	241,500	6/1/2018
4900568-001C	18	Construction	Valley Ford Water Association	VFWA New Well	A	0	1,500,000	1/30/2017
4900634-001P	18	Planning	Huckleberry Mutual Water Company	Huckleberry MWC system upgrades	F	0	485,000	10/3/2018
5000008-001P	10	Planning	Knights Ferry Community Services District	Water Supply Improvement Planning Project	A	0	290,000	6/1/2018
5000058-001P	10	Planning	River Park Newman LLC	Fisherman's Bend Mobile Home Park Drinking Water Project Hexavalent Chromium	F	0	465,000	12/1/2017
5000408-001C	10	Construction	Westley Community Services District	Westley Community Services District Metering Project	D	0	456,500	6/16/2016
5010008-012C	10	Construction	Hughson, City of	Cobles Corner/County Villa Consolidation with City of Hughson	C	0	4,116,274	1/1/2016
5010009-005C	10	Construction	Keyes Community Services District	1,2,3-TCP Removal Treatment System	A	0	10,410,000	12/1/2017
5010013-001C	10	Construction	Newman, City of	Hexavalent Chromium Drinking Water Compliance Project	C	0	9,452,000	10/3/2018
5010026-001C	10	Construction	Waterford, City of	Hickman Water System Improvements Construction Project	D	0	2,350,000	6/1/2018
5010033-001P	10	Planning	Modesto, City of	Grayson Community Water System Facilities	F	0	500,000	10/3/2018
5010043-001C	10	Construction	Stanislaus Regional Water Authority	Stanislaus Regional Water Authority Surface Water Supply	F	0	200,000,000	1/30/2017
5100141-001P	21	Planning	Meridian Elementary School District	Treatment Plant Improvement Planning Project	F	0	192,000	6/1/2018
5110002-016C	21	Construction	Yuba City, City of	Barry Elementary School Water Service	C	0	2,383,651	10/12/2016
5200534-004C	21	Construction	Paskenta Community Services District	Meters and Lines	D	0	1,867,424	10/3/2018
5200540-001P	21	Planning	Reeds Creek Elementary School District	Reeds Creek School CA5200540 Hexavalent Chromium Compliance Planning Project	C	0	67,200	6/1/2018
5200555-001C	21	Construction	Rio Ranch Community Services District	Water Source Capacity Improvement	F	0	112,314	6/1/2018
5200562-001P	21	Planning	Sky View County Water District	Water System Improvements	C	0	498,000	1/30/2017
5200574-001P	21	Planning	Del Oro Water Company	Larkspur Meadows - Secondary Well	D	0	14,450	6/1/2018

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
5210004-001C	21	Construction	Red Bluff, City of	Gurnsey Avenue Mutual Water Company Consolidation	A	0	354,000	10/3/2018
5301002-003C	01	Construction	Lewiston Community Services District	Lewiston CSD Well 8 Project	F	0	674,000	
5301002-004C	01	Construction	Lewiston Community Services District	Lewiston CSD Water Distribution System Replacement Project	D	0	2,380,000	
5301102-004C	01	Construction	Trinity Knolls Mutual Water Company	Source Capacity Improvement and Distribution Rehabilitation Project	C	0	3,492,340	10/12/2016
5304501-006C	01	Construction	Salyer Mutual Water Company	Water Line Replacement	F	0	382,214	6/1/2018
5310002-002P	01	Planning	Trinity County Waterworks District #1	Planning/Design for Treatment Plant Upgrade	B	0	500,000	7/15/2015
5400550-002C	24	Construction	Tulare, County of	Seville Water Co. Consolidation with Yettum Water System	C	0	7,878,776	1/30/2017
5400665-003C	12	Construction	Del Oro Water Company	River Island Water Treatment Plant	C	0	5,189,176	10/3/2016
5400666-004P	12	Planning	Del Oro Water Company	Consolidation of Grandview Gardens & East Plano to City of Porterville	F	0	347,900	1/30/2017
5400824-001C	24	Construction	Sultana Community Services District	Sultana - Monson Safe Drinking Water Project	D	0	5,000,000	12/1/2017
5400903-002P2	24	Planning	Tract 92 Community Services District	Consolidation with California Water Service-Visalia	D	0	201,663	
5410001-004P	24	Planning	Cutler Public Utility District	Water Supply Improvements Project	C	0	406,900	10/3/2018
5410010-018C	24	Construction	Porterville, City of	Consolidation of Akin Water Co (5401038)	C	0	3,387,000	6/1/2018
5410015-001C	24	Construction	Tulare, City of	Consolidation of City of Tulare, Pratt, and Saults Mutual Water Systems	D	0	2,000,000	10/12/2016
5410017-003C	12	Construction	London Community Services District	Water System Reliability Project	F	0	4,974,655	10/3/2016
5410017-004P	12	Planning	London Community Services District	1,2,3-TCP Compliance Improvements	C	0	500,000	
5410038-004C	12	Construction	Terra Bella Irrigation District	Disinfection Byproducts Compliance Project	B	0	1,186,200	1/22/2016
5510005-001P	11	Planning	Twain Harte Community Services District	Twain Harte CSD Water System Evaluation and Modernization Project	D	0	500,000	
5510009-002C	11	Construction	Groveland Community Services District	GCSD Water System Improvements	F	0	5,352,675	10/3/2018
5510009-003C	11	Construction	Groveland Community Services District	Big Creek and Second Garrotte Clearwell Rehabilitation	F	0	3,402,000	12/1/2017

Project Number	District	Project Type	Applicant	Project Title /Description	Class	Bonus Score	Estimated Project Costs	Month/Year Placed on Comprehensive List
5510013-010C	11	Construction	Tuolumne Utilities District	Cuesta Heights Water Storage	F	0	3,142,689	10/12/2016
5510016-001P	11	Planning	Sierra Park Water Company, Inc.	Sierra Park Water Company Water System Improvements	E	0	500,000	12/1/2017
5510033-001C	11	Construction	Tuolumne Utilities District	Curtis Creek Elementary School Water System Consolidation Project	A	0	1,962,575	10/3/2018
5610029-001P	06	Planning	Vineyard Avenue Acres MWC	Vineyard Avenue Acres MWC System Improvements	F	0	405,000	10/3/2018
5610035-001C	06	Construction	Rio Manor MWC	Rio Manor Mutual Water Well #3	F	0	350,000	10/3/2018
5610058-001C	06	Construction	Crestview Mutual Water Company	Construction of Well #7	F	0	1,100,000	10/3/2018
5700788-003C	09	Construction	Yolo, County of	North Davis Meadows Water Consolidation Project	C	0	8,250,000	10/3/2018
7844-110	05	Construction	California American Water Company	Monterey Peninsula Water Supply Project	F	0	279,200,000	
8419-110	14	Construction	San Diego, City of	Pure Water North City Morena Blvd Pump Station & Pipeline (Wastewater Portion)	F	0	287,000,000	
8419-210	14	Construction	San Diego, City of	Pure Water North City Water Reclamation Plant Expansion	F	0	176,000,000	
8419-310	14	Construction	San Diego, City of	Pure Water North City Metropolitan BioSolids Center Improvements	F	0	45,000,000	
8419-410	14	Construction	San Diego, City of	Pure Water North City Water Reclamation Plant Expansion and Influent Conveyance	F	0	40,000,000	
8419-510	14	Construction	San Diego, City of	Pure Water North City Pure Water Pump Station	F	0	17,000,000	
8419-610	14	Construction	San Diego, City of	Pure Water North City Pure Water Pipeline	F	0	108,000,000	
8419-710	14	Construction	San Diego, City of	Pure Water North City Pure Water Facility	F	0	553,000,000	
8419-810	14	Construction	San Diego, City of	Pure Water North City Morena Blvd Pump Station & Pipeline (Water Portion)	F	0	41,000,000	

APPENDIX C: SFY 2019-20 DWSRF IUP FISCAL IMPACT SUMMARY²¹

	Projected SFY 2018-19	Projected SFY 2019-20	Projected SFY 2020-21	Projected SFY 2021-22	Projected SFY 2022-23
Beginning Balance	\$218,760,000	\$358,749,430	\$208,798,289	\$112,390,788	\$135,600,378
Estimated Federal Capitalization Grants Received ²² (Loan Fund)	\$72,513,340	\$59,200,000	\$59,200,000	\$59,200,000	\$59,200,000
Estimated Prop 1 State Match	\$65,324,391	\$0	\$0	\$0	\$0
Estimated Principal Payments + Interest Earnings	\$67,794,822	\$99,506,883	\$103,147,446	\$103,065,709	\$101,852,552
Estimated SMIF ²³ Interest Earnings	\$2,400,000	\$2,400,000	\$2,400,000	\$2,400,000	\$2,400,000
Revenue Bond Proceeds ²⁴	\$100,000,000	\$0	\$0	\$0	\$0
Estimated Debt Service– 2019 Revenue Bonds	\$0	(\$6,668,895)	(\$9,290,450)	(\$9,320,000)	(\$9,376,750)
Estimated Disbursements ²⁵	(\$168,043,123)	(\$304,389,134)	(\$251,864,491)	(\$132,136,119)	\$0
Estimated Year-End Balances ²⁶	\$358,749,430	\$208,798,283	\$112,390,788	\$135,600,378	\$289,676,181

	SFY 2018-19	SFY 2019-20	SFY 2020-21	SFY 2021-22	SFY 2022-23
Estimated Yearly Cash Flows ²⁷	\$139,989,430	(\$149,951,146)	(\$96,407,495)	\$23,209,590	\$154,075,802

²¹ Forecast as of April 2019.

²² These numbers include a final amount for the FFY 2018 grant that the State Water Board received on **September 5, 2018**. The amounts for all grants after FFY 2018 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.

²³ SMIF means Surplus Money Investment Fund.

²⁴ DFA will determine based on the DWSRF cash flow needs if future revenue bond sales are necessary.

²⁵ Estimated disbursements are a forecast of the cash disbursements for projects with executed financing agreements.

²⁶ Estimated Year End Balances represent a running total based on the previous year's ending balance.

²⁷ 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 D: PLANNING PROJECT-REDUCED INTEREST RATES AND GRANT FOR AN ELIGIBLE PWS

Total Eligible Planning Project Cost	Interest Rate*	Loan Term*	Maximum Grant/Project*
≤ \$500,000	n/a	n/a	\$500,000
>\$500,000	0%	Up to 5 or 10 years	\$500,000**

*Based upon the PWS's proportional share of a planning project

**On a case-by-case basis, for good cause, the Deputy Director of the Division of Financial Assistance may approve more than \$500,000 in grant funds for the PWS's proportional share of a planning project

To the extent consistent with state law, this principal forgiveness/grant may be awarded to the extent that DFA reasonably believes that there may be subsequent construction financing resulting from this planning/design that will be considered for repayable financing per the affordability criteria included in this IUP or subsequent IUPs.

DFA may deny SCG DW grant funding if the planning project has already been funded in part by other drinking water funding sources, including DWSRF and/or SCG DW funding.

In making DAC determinations, the State Water Board will consider whether the households benefitting from the project are primary homes. In general, at least 50 percent of the dwellings or dwelling units must be the primary dwelling of permanent residents for a community to qualify for principal forgiveness, grant or combination thereof. 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.

APPENDIX E: CONSTRUCTION PROJECT FINANCING LIMITATIONS FOR AN ELIGIBLE SCWS THAT SERVES A SMALL DAC OR SMALL SDAC OR A PWS EXTENDING WATER SERVICE TO A SMALL DAC OR SMALL SDAC NOT CURRENTLY SERVED BY A PWS

Maximum Principal Forgiveness, Grant or Combination Thereof Per Construction Project				
Type of Community Served by CWS*	Residential Water Rates as a Percentage of MHI**	Percentage of Total Eligible Project Cost	Maximum Amount /Construction Project***	Maximum Amount Per Connection/ Construction Project****
Small DAC*	<1.5%	Not Eligible for Principal Forgiveness, Grant or Combination Thereof		
	>=1.5%	up to 100%	\$5 million	\$30,000*****
Small SDAC*	NA			
Repayable Construction Financing Terms				
Type of Community Served by SCWS*	Residential Water Rates as a Percentage of MHI	Interest Rate	Maximum Financing Term*****	Local Cost Share
Small DAC*	<1.5%	0%	40 years	Amount Not Funded by Prop 1*****
	>=1.5%			Waived
Small SDAC*	NA			

*See Section I.E. of this IUP for the specific definition of this term.

**For the purposes of a consolidation or intertie project, the residential water rate of the consolidated or intertied system resulting from the consolidation or intertie may be considered.

***Based upon PWSs proportional share of a construction project

****The Deputy Director of the DFA may approve financing for construction projects with a total eligible project cost less than \$500,000 regardless of the amount per connection.

*****The Deputy Director of the DFA may approve up to \$45,000 per connection per construction project for good cause.

*****Financing Term shall not exceed the useful life of the facilities being financed

***** The applicant may choose to fund the remainder of the total project cost (Local Cost Share) from other sources (e.g. repayable DWSRF/Prop 1/Prop 68 financing; grant funding from sources other than the State Water Board; or other sources) SCWS with eligible projects may be eligible for both SCG-DW and Groundwater Sustainability Grant Program Funds

Regardless of population/connection criteria applicable to SCG-DW Grant Funds, the following may be eligible for Groundwater Grant Funds: CWS serving SDACs of any size; and CWS serving DACs of any size if Residential Water Rates as a Percentage of MHI>+1.5%. Eligible projects include drinking water treatment projects that treat groundwater for direct potable use, with no cleanup or remediation of the aquifer. Eligible drinking water treatment projects generally address regional contamination, ongoing discharge, or naturally elevated levels of the contaminant.

In making Small DAC determinations, the State Water Board will consider whether the households benefitting from the project are primary homes. In general, at least 50 percent of the dwellings or dwelling units must be the primary dwelling of permanent residents for a community to qualify for principal forgiveness, grant or combination thereof. 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.

NOTE: DFA may deny DWSRF/SCG-DW grant, principal forgiveness or a combination thereof if the construction project has already been funded in part by other drinking water funding sources, including DWSRF and SCG-DW funding. Where a PWS is privately owned by an entity, DFA may also consider the private owner's assets and ability to afford a loan before otherwise awarding principal forgiveness, grant or combination thereof.

APPENDIX F: CONSTRUCTION PROJECT FINANCING LIMITATIONS FOR AN ESCWS THAT SERVES A DAC OR AN SDAC

Maximum Principal Forgiveness Per Construction Project				
Type of Community Served by the Project*	Residential Water Rates as a Percentage of MHI*	Percentage of Total Eligible Project Cost**	Maximum Amount/ Construction Project**	Maximum Amount Per Connection/ Construction Project**
DAC*	NA		Not Eligible for Principal Forgiveness	
SDAC*	<1.5%			
	>=1.5%	Up to 50%	\$5 million	\$30,000
Repayable Construction Financing Terms				
Type of Community Served by the Project	Residential Water Rates as a Percentage of MHI	Interest Rate	Maximum Financing Term****	Local Cost Share*****
DAC or SDAC	<1.5%	½ General Obligation Bond Rate*****	40 Years	Waived
	>=1.5%	0%	40 Years	

See Section I.E. of this IUP for the specific definition of this term.

**For the purposes of a consolidation or intertie project, the residential water rate of the consolidated or intertied system resulting from the consolidation or intertie may be considered

***Based upon PWS's proportional share of a construction project

**** Financing Term shall not exceed the useful life of the facilities being financed

*****The applicant may choose to fund the remainder of the total project cost (Local Cost Share) from other sources (e.g. repayable DWSRF/Prop 1/Prop 68 financing; grant funding from sources other than the State Water Board; or other sources)

***** See "Financing Terms in General" for additional information.

Regardless of population/connection criteria applicable to SCG-DW Grant Funds, the following may be eligible for Groundwater Grant Funds: CWS serving SDACs of any size; and CWS serving DACs of any size if Residential Water Rates as a Percentage of MHI>+1.5%. Eligible projects include drinking water treatment projects that treat groundwater for direct potable use, with no cleanup or remediation of the aquifer. Eligible drinking water treatment projects generally address regional contamination, ongoing discharge, or naturally elevated levels of the contaminant.

In making DAC determinations, the State Water Board will consider whether the households benefitting from the project are primary homes. In general, at least 50 percent of the dwellings or dwelling units must be the primary dwelling of permanent residents for a community to qualify for principal forgiveness, grant or combination thereof. 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.

Privately-owned expanded small CWSs that are regulated by the CPUC are ineligible for principal forgiveness per Health and Safety Code section 116761.20.

Note: DFA may deny DWSRF/ SCG-DW grant, principal forgiveness or a combination thereof if the construction project has already been funded in part by other drinking water funding sources, including DWSRF and SCG-DW funding. Where a PWS is privately owned, DFA may also consider the private owner(s)' assets and ability to repay a loan beyond residential water rate considerations before otherwise awarding principal forgiveness, grant or combination thereof.

APPENDIX G: CONSTRUCTION PROJECT FINANCING LIMITATIONS FOR AN ELIGIBLE NTNC THAT SERVES A SMALL DAC OR A SMALL SDAC

Repayable Construction Financing Terms					
Type of Community Served by the Project*	Maximum PF or Grant/Construction Project**	Maximum PF/Grant Amount/ Connection/ Construction Project**	Interest Rate	Maximum Financing Term***	Local Cost Share****
Small DAC*	\$5 million	\$30,000	0%	40 years	Amount Not Funded by SCG DW
Small SDAC*					Waived
<p>* See Section I.E. of this IUP for the specific definition of this term.</p> <p>**Based upon NTNC's proportional share of a construction project.</p> <p>***The financing term shall not exceed the useful life of the facilities being financed.</p> <p>****The applicant may choose to fund the remainder of the total project cost (Local Cost Share) from other sources (e.g. repayable DWSRF/ SCG-DW financing; grant funding from sources other than the State Water Board; or other sources). NTNCs with eligible projects may be eligible for both SCG-DW and Groundwater Grant Funds.</p> <p>In making DAC determinations, the State Water Board will consider whether the households benefitting from the project are primary homes. In general, at least 50 percent of the dwellings or dwelling units must be the primary dwelling of permanent residents for a community to qualify for principal forgiveness, grant or combination thereof. 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.</p> <p>NOTE: DFA may deny a DWSRF/ SCG-DW grant, principal forgiveness or a combination thereof if the construction project has already been funded in part by other drinking water funding sources, including DWSRF and SCG-DW funding.</p>					

APPENDIX H: FFY 2019 ESTIMATED FEDERAL CAPITALIZATION GRANT CASH DRAW SCHEDULE

FFY DWSRF Capitalization Grant/Accounts	Total Amount (Date of Award)	SFY 2019-20 Federal Draws				SFY 2020-21 Federal Draws				SFY 2021-22 Federal Draws			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Project Loan Fund													
2019 Cap Grant	\$74,000,000		\$49,000,000	\$25,000,000									
Set-Aside Accounts													
2019 DWSRF Administration	\$4,000,000			\$800,000	\$800,000	\$800,000	\$800,000	\$800,000					
2019 SWS Administration	\$2,000,000						\$400,000	\$400,000	\$400,000	\$400,000	\$400,000		
2019 PWSS	\$10,000,000					\$10,000,000							
2019 Local Assistance	\$10,000,000								\$2,500,000	\$2,500,000		\$2,500,000	\$2,500,000

DRAFT