



This informational update regarding the Intended Use Plan provides the current financial outlook for the CWSRF and complementary funding programs and an analysis of the programs' abilities to finance eligible projects.

Clean Water State Revolving Fund, Small Community Grant, and Water Recycling Funding Programs

**Updated Financial Outlook and
Financing Forecast – January 2017**

State Water Resources Control Board •
Division of Financial Assistance • 1001 I
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Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

A. Introduction

This is an update on the Division of Financial Assistance's (Division) progress implementing the State Fiscal Year (SFY) 16/17 Clean Water State Revolving Fund (CWSRF) [Intended Use Plan](#) (IUP); the IUP was approved by the State Water Resources Control Board (State Water Board) on June 21, 2016. It provides the current outlook for the CWSRF program and the complementary funding programs associated with the CWSRF, specifically the Small Community Grant (SCG) and Water Recycling Funding Program (WRFP).

The update includes in Section B a summary of recent financing activity by the CWSRF and the complementary funding programs. A detailed analysis of the CWSRF program's financial outlook, i.e., its cash flows, and the uncommitted balances of the SCG and WRFP programs are included in Section C. Section D summarizes the current demand for financing from the CWSRF and complementary funding programs based on a tabulation of applications received by the Division, taking into consideration past commitments made by the State Water Board. Section E is an analysis of the potential effects those applications could have on the CWSRF's cash flow and the uncommitted balances in the SCG and WRFP programs. Section F discusses the Division's updated financing forecast and its assessment of future financing trends.

This update does not supersede or alter the SFY 16/17 IUP. All terms, conditions, and guidance in the approved IUP remain in effect. In addition to the terms, conditions, and guidance in the IUP, all funding provided by the CWSRF and complementary funding programs will be consistent with applicable requirements of the [CWSRF Policy](#), the [Operating Agreement](#) between the State Water Board and the U.S. Environmental Protection Agency (US EPA), and applicable federal and state statutes, regulations, and guidance.

B. Recent Financing Activity¹

Since July 1, 2016, the Division has provided the following financing from each program.

	CWSRF	SCG	WRFP	Totals
# of Agreements ²	14	32	7	53
\$ of Agreements, millions	\$305.1	\$51.7	\$45.7	\$402.5

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

² Five projects received funding from more than one source. Therefore, the number of unique financing agreements was 48. In addition, 10 of the SCG agreements were for "technical assistance" made available by Prop. 1 funding.

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

C. Financial Outlook

Table 1, attached below, shows the currently forecasted CWSRF cash flows (sources and uses) as of December 2016. The estimated cash flows include:

- The cash balance at July 1, 2016;
- United States Environmental Protection Agency (US EPA) Capitalization Grants (including allowable principal forgiveness (PF));
- Principal and interest payments on outstanding receivables;
- Investment earnings;
- Disbursements to projects with executed financing agreements;
- Future revenue bond sales³;
- Debt service payments, and
- Program administrative costs.

Except for Capitalization Grants, future CWSRF cash flows can be predicted with reasonable certainty. Table 1 includes the actual Federal Fiscal Year (FFY) 2016 Capitalization Grant of \$95,558,000; future Capitalization Grants are estimated at \$70 million per year.

Including the currently forecasted future revenue bond sales, the CWSRF's estimated cumulative uncommitted cash through June 30, 2021, available for financing new projects is approximately \$822 million. This includes an estimated \$58.9 million in PF.

The remaining uncommitted, appropriated SCG funds as of November 30, 2016 were approximately \$156 million, and there were an additional \$19.6 million in SCG funds unappropriated as of that date.

The remaining uncommitted, appropriated WRFP funds as of November 30, 2016 were approximately \$421 million. Of this amount, approximately \$165 million were available as grants, and approximately \$256 million were available as loans.

D. Application Demand

Table 2 shows a portion of the applications received by the Division requesting CWSRF and complementary sources of financing. It only includes projects where the applicant has submitted a general information package and at least a complete technical, financial, or environmental package⁴. The cumulative funding requested for the projects in Table 2 exceeds \$4.8 billion.

³ On January 5, 2016, the State Water Board approved the sale of up to \$1.2 billion par value of revenue bonds for the CWSRF. The State Water Board closed on the Series 2016 Green Bonds (\$410,735,000 par value) on April 28, 2016. The Division will determine based on the CWSRF cash flow needs if future revenue bond sales are necessary and prudent. The revenue bond sales included in Table 1 are estimates and subject to change.

⁴ A complete package means that the completed form (technical, financial, or environmental), with all applicable attachments, has been submitted to the Division.

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

The information in Table 2 was compiled in December 2016 to correspond with the analysis in Table 1. The applications listed in Table 2 are organized into the following groups based on the completeness of the applications and the status of the Division's due diligence review of the applications.

All Reviews Complete and Agreement Mailed to Applicant (Group 1)

- This group includes all project applications where a draft financing agreement has been mailed to the applicant because the Deputy Director of the Division or the State Water Board has approved financing for the project. (This group includes two complete water recycling project applications submitted by December 2, 2015⁵ to qualify for the drought incentive, one-percent interest rate financing and one agreement for the Sacramento Regional County Sanitation District's Echo Water project⁶.) There are 14 applications requesting approximately \$664 million in this group.

All Reviews Complete, Funding Decision In Process and Agreement Pending (Group 2)

- This group includes all project applications where a complete financial assistance application⁷ has been completely reviewed by the Division's staff and a draft financing agreement is being prepared for review and approval by the Deputy Director of the Division or an item is being prepared for the State Water Board's approval. (This group includes eight complete water recycling project applications submitted by December 2, 2015 to qualify for the drought incentive, one-percent interest rate financing.) There are 19 applications requesting approximately \$760 million in this group.

Projects With Complete Applications and Reviews Pending (Group 3)

- This group includes all project applications where complete financial assistance applications have been submitted and the Division's staff is reviewing the applications. There are 63 applications requesting approximately \$1,963 million in this group.

Projects With Incomplete Applications (Must have General package and at least a complete Technical, Environmental, or Financial package submitted) (Group 4)

- This group includes all project applications where an incomplete application has been received, but at a minimum a general package and at least a complete technical, financial, or environmental package has been received. There are 50 applications requesting approximately \$1,470 million in this group.

⁵ On February 16, 2016, the State Water Board in Resolution No. 2016-0008 approved one percent CWSRF financing for 36 water recycling projects that had submitted a complete application by December 2, 2015. To date, 26 of the 36 agreements have been executed. The most recent estimate of CWSRF financing needed for the 36 projects is approximately \$893 million.

⁶ On April 7, 2015, the State Water Board in Resolution No. 2015-0017 approved financing up to \$1,576,978,261 for the District's project. To date, the Division has executed seven agreements, of the expected eight agreements, for the Echo Water Project with a value of \$831,075,795.

⁷ A complete financial assistance application means that all four completed application packages (general, technical, financial, and environmental), with all applicable attachments, have been submitted to the State Water Board.

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

E. Analysis of Financial Impacts

The Division's ability to finance projects applying for the CWSRF and complementary financing sources is based in part on the projects' forecasted disbursements and the financial outlook summarized in Table 1 and Section C above. Comparing the amounts requested for the projects in Table 2 to the uncommitted sources of funds allows the Division to evaluate its ability to finance the projects listed in Table 2.

The total CWSRF funding requested in Groups 1 through 4, loan and (loan) principal forgiveness, is approximately \$4.4 billion. CWSRF would need to sell over \$4.0 billion in revenue bonds over the next five years to finance all of the projects in Table 2. Currently the Division has authority from the State Water Board to sell approximately \$790 million in additional revenue bonds.

As noted previously, there is an estimated \$58.9 million available in PF funds, enough to support all of the PF requests in Groups 1 through 4. There is approximately \$159 million in SCG grant funds available, enough to fulfill all of the SCG grant requests in Groups 1 through 4. There is approximately \$165 million in WRFP grant funds available, enough to fulfill the WRFP grant requests in Groups 1 and 2, but not sufficient to fulfill all of the grant requests in Groups 3 and 4⁸. Based on Table 2, therefore, the Division expects to fully commit all Prop. 1 WRFP grant funds, possibly by the end of SFY 16/17, but certainly within calendar year 2017.

The estimated, cumulative CWSRF cash needs, loan and (loan) principal forgiveness, of the projects listed in Groups 1 and 2 is approximately \$1.3 billion, with approximately \$7.2 million of that amount being principal forgiveness. Additional CWSRF revenue bond funds, over and above the remaining authorization of \$790 million, may be needed to completely fund all of the projects in Groups 1 and 2. In addition the projects in Groups 1 and 2 are estimated to be eligible for approximately \$14.0 million in SCG grant funds and approximately \$108.5 million in WRFP grants. As noted earlier, the available PF, SCG grant, and WRFP grant balances are sufficient to meet the demand for PF and grant funds of all projects in Groups 1 and 2.

Some projects in Groups 3 and 4 appear to be eligible for PF, SCG grants, and WRFP grants. The estimated PF demand is \$16.5 million, the estimated SCG grant demand is \$68.9 million, and the estimated WRFP grant demand is \$221.1 million. The projects in Groups 3 and 4 that appear eligible for PF and SCG grant funds would require an estimated \$134 million in CWSRF loan funds paired with the PF and SCG grant funds to receive full funding. The Division estimates it will need approximately \$110 million in loan funds to fully pair up and commit the remaining Prop. 1 WRFP grant funds for projects in Groups 3 and 4. A portion of those loan funds for water recycling projects can come from the Prop. 1 WRFP loan funds, but CWSRF loan funds will also be needed⁹. The Division estimates that approximately \$225 million in CWSRF loan funds will need to be paired with an equal amount of Prop. 1 WRFP loan funds to fully commit all Prop. 1 WRFP funds.

⁸ Water recycling projects that do not receive a Prop. 1 grant may compete for PF if eligible under an Intended Use Plan approved by the State Water Board.

⁹ Note that Water Code Section 79766 requires a 50% local cost share to receive Prop. 1 water recycling funding.

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

The Division, therefore, estimates that it may need to request that the State Water Board increase the CWSRF's leveraging authority by as much as an additional \$1.0 billion to fully fund all of the applications in Groups 1 and 2 and fully commit all Prop. 1 WRFP grant and loan funds.

F. Updated Financing Forecast and Future Financing Trends

Based on the preceding analysis, it appears feasible for the CWSRF to finance all disadvantaged communities and all projects in Groups 1 and 2. Additional leveraging authority may be needed from the State Water Board depending on the timing of financing approvals and cash flows associated with these projects. The Division has included in Table 2, therefore, an estimated financing agreement date for all projects it believes it can finance at this time. In general the projects are in Groups 1 and 2 of Table 2, but also includes disadvantaged community wastewater projects in Groups 3 or 4.

Note that being identified in a particular group in Table 2 or being listed with an estimated agreement date and anticipated funding sources are not commitments to provide financing, a guarantee of the order of financing, or a guarantee that sufficient funds from the identified sources of funds will be available for the project.

Each financing decision will depend on an updated funds analysis done during the financing approval process. The cash flow forecast in Table 1 and/or balance of other appropriated funds will be updated to evaluate the effect of each project's estimated disbursements on the fund sources.

Table 2 does not include all of the projects on the [Project List](#). It only includes projects that have submitted a general package and at least a complete technical, financial, or environmental application package as of December 2016. The Division staff cannot predict when a project will be ready for financing based solely on the information collected for the Project List or the general information package.

Table 2 is also not a limitation on what the Division can finance. All projects in Table 2, as well as any project on the Project List, are potentially eligible for financing, bearing in mind the PF and Green Project Reserve (GPR) requirements associated with federal funds. If a project identified in Table 2 is not eligible or ready for financing, it may be bypassed in favor of any other project in Table 2 or on the Project List that is ready for financing.

The Division has not included estimated financing agreement dates for the remaining projects in Groups 3 and 4 because it is unclear at this time how many additional projects CWSRF can finance, given the current leveraging authority from the State Water Board, if all of the currently identified projects in Groups 1 and 2 are financed.

Given the State Water Board's commitment to finance disadvantaged communities and its past commitments to finance the Echo Water project and the drought-incentive, water recycling projects, the Division's first priority remains assisting disadvantaged communities and executing the remaining agreements for the Echo Water and drought incentive projects.

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

Considering the high level of complete applications in Group 3 that appear ready for financing, the estimated costs of those applications, and the current availability of Prop. 1 water recycling funds and PF, the Division's secondary focus will continue to be committing all of the Prop. 1 water recycling funds as expeditiously as possible and quickly committing available PF funds. Many of these projects require a combination of grant and loan funding, and the Division will continue to focus its reviews on water recycling and GPR projects to ensure that there are sufficient loan funds to provide complete financing and to fully utilize the available Prop. 1 and PF funds.

As noted in our analysis above, the Division will likely need additional leveraging authority from the State Water Board to fully complement the available Prop. 1 and PF funds with CWSRF loan funds. Estimates of leveraging capacity, given current capitalization levels, appear to support additional leveraging of the program. The Division is working to develop a "debt management" policy in 2017 for the CWSRF to ensure that leveraging is done in a prudent manner.

The outlook for the CWSRF and complementary funding programs continues to be dynamic. Demand for CWSRF financing is high, and the Division expects the demand to remain high. The Division is unaware of any significant changes in Capitalization Grant levels from US EPA or the State of California, and recent tightening of bond market conditions means a higher cost of borrowed capital for the program.

Consistent with the IUP, the CWSRF Policy, and available staff resources, the Division continues to review applications in Groups 3 and 4 to ensure backups in case a project application in Groups 1 or 2 falls through or is withdrawn. The Division also reviews applications in Groups 3 and 4 to be prepared in the event that significant, unforeseen capital were to become available to the program. If current application levels and program resources continue, however, the CWSRF will not be able to fund many of the applications in Group 3 and 4 within the time frames contemplated by the applicants.

The cash flow estimates of Table 1 and the forecasted projects and costs in Table 2, will be updated as part of the public review of the draft SFY 17/18 Intended Use Plan. The Division currently estimates the draft SFY 17/18 IUP will be made available for public comment in March or April 2017.



Leslie Laudon, Acting Deputy Director
Division of Financial Assistance

**Updated Financial Outlook and Financing Forecast
16/17 Intended Use Plan**

TABLE 1: Current Sources and Uses of the CWSRF¹⁰

	SFY 16/17	SFY 17/18	SFY 18/19	SFY 19/20	SFY 20/21
Beginning Balance ¹¹	\$753,150,169	\$857,587,194	\$800,510,670	\$546,917,839	\$603,967,782
Estimated Principal Payments + Interest Earnings	\$249,417,151	\$264,267,151	\$279,117,151	\$293,967,151	\$308,817,151
Estimated SMIF ¹² Interest Earnings	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000
Future Revenue Bond Proceeds ¹³	\$475,000,000	\$350,000,000			
Debt Service - Outstanding Revenue Bonds	(\$31,457,288)	(\$46,613,725)	(\$46,776,975)	(\$47,029,250)	(\$46,957,075)
Debt Service- Future Revenue Bonds		(\$10,529,358)	(\$58,661,206)	(\$89,147,848)	(\$89,521,839)
Federal Capitalization Grants ¹⁴	\$95,558,000	\$70,000,000	\$70,000,000	\$70,000,000	\$70,000,000
Administration Allowance ¹⁵	\$3,822,320	\$2,800,000	\$2,800,000	\$2,800,000	\$2,800,000
Estimated Disbursements ¹⁶	(\$689,403,158)	(\$688,500,593)	(\$501,571,801)	(\$175,040,111)	(\$28,861,157)
Estimated Year-End Balances ¹⁷	\$857,587,194	\$800,510,670	\$546,917,839	\$603,967,782	\$821,744,863
Estimated Yearly Cash Flows ¹⁸	\$104,437,025	(\$57,076,524)	(\$253,592,831)	\$57,049,943	\$217,777,081

¹⁰ Forecast dated December 2016.

¹¹ The Beginning Balance does not include the \$25 million set aside for the minimum balance of the CWSRF. It is excluded to reflect that it is not available for other uses.

¹² SMIF means Surplus Money Investment Fund.

¹³ The Future Revenue Bond Proceeds and associated Debt Service are estimates and subject to change. The Division will determine based on the CWSRF cash flow needs and market conditions if future revenue bond sales are necessary and advisable.

¹⁴ These numbers include a final amount for the FFY 2016 Grant, and estimated amounts for future grants. The amounts listed are aggregate grant amounts. PF, if available, is included in the grant amount.

¹⁵ These numbers include a final amount for the FFY 2016 Grant, and estimated amounts for future grants. The numbers reflect the percentage of the Capitalization Grants that may be used for program administration. The CWSRF's primary source of administrative funds is the Administrative Fund. See Section III.B.2 (Administrative Funding) of the Intended Use Plan for further discussion. Funds from the Administration Allowance that are not used for program administration may be used to finance projects.

¹⁶ Estimated disbursements are forecasted disbursements for projects with executed financing agreements. They include local match credits for projects financed with the match financing option. Local match credits are contributions made by financing recipients to help match federal Capitalization Grants.

¹⁷ Estimated Year End Balances represent a running total based on the previous year's ending balance.

¹⁸ Estimated Yearly Cash Flows are shown for information purposes. They are 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.

Updated Financial Outlook and Financing Forecast
16/17 Intended Use Plan

TABLE 2: CWSRF, SCG, and WRF Application Demand

Project Number	Region	Agency	Project Name	NPDES/WDR Permit Number	Class	Type ⁴	Estimated Agreement Date	Estimated Principal Forgiveness (Cap Grant Funds Only) ⁵	Estimated CWSRF & Other Loan Funds	Estimated Small Community Wastewater Grant ⁶	Estimated Water Recycling Funding Program Grant ⁷	Estimated Total Financing	Drought Relief Special Interest Rate (1%) Projects	Estimated Equivalency & FFATA Projects	Green Project Reserve (Min 10% Required)		Determination Categorical (C) or Business Case (BC)
															Federal Year 2016	Green Type ⁴	
All Reviews Complete and Agreement Mailed to Applicant																	
8213-110	5	Amador Regional Sanitation Authority	Upper ARSA Sewer Improvement and Recycling Project	Pending	C	POTW	1/1/2017	\$0	\$0	\$485,000	\$0	\$485,000			\$0		
8181-110	2	Delta Diablo	Recycled Water System Storage Tank Project	CA0038547	C	POTW	1/1/2017	\$2,500,000	\$3,500,000	\$0	\$0	\$6,000,000	Yes		\$4,400,000	W	C
8185-110	3	Mono Bay, City of	Water Reclamation Facility Project - Phase I	CA0047881	C	POTW	1/1/2017	\$0	\$10,300,000	\$0	\$0	\$10,300,000			\$10,300,000	W	C
7832-210	5	San Joaquin, City of	Sewer Collection System Improvements	RS-2007-0100	C	POTW	1/1/2017	\$0	\$0	\$3,686,708	\$0	\$3,686,708			\$0		
8084-110	4	West Basin Municipal Water District	Carson Regional Water Recycling Facility Phase IIB Expansion Project	CA0064246	C	POTW	1/1/2017	\$0	\$15,725,526	\$0	\$8,078,282	\$23,803,808	Yes		\$15,472,475	W	C
8025-180	5	Sacramento Regional County Sanitation District	Echo Water Project - Segment 8 - Tertiary Treatment Facility	CA0077682	C	POTW	1/16/2017	\$0	\$564,657,506	\$0	\$0	\$564,657,506		Yes	\$0		
8178-110	1	Fortuna, City of	Wastewater Treatment and Disposal system Upgrade	R1-2011-0004	C	POTW	1/17/2017	\$0	\$0	\$500,000	\$0	\$500,000			\$0		
8171-110	5	Fall River Valley Community Services District	Wastewater System Expansion Study	Pending	C	POTW	1/18/2017	\$0	\$0	\$500,000	\$0	\$500,000			\$0		
8245-110	5	Dunsmuir, City of	Collection System Improvement Project	CA0078441	C	POTW	1/30/2017	\$0	\$0	\$500,000	\$0	\$500,000			\$0		
8246-110	5	Dunsmuir, City of	WWTP Improvement Project	CA0078441	C	POTW	1/30/2017	\$0	\$0	\$500,000	\$0	\$500,000			\$0		
8012-110	5	Jackson, City of	Wastewater Treatment Plant Upgrades	CA00778391	B	POTW	1/30/2017	\$0	\$12,000,000	\$0	\$0	\$12,000,000			\$0		
8189-110	4	Los Angeles County Sanitation District No. 2	Joint Outfall "B" Unit 1A Trunk Sewer Rehabilitation Phase 1	R4-2011-0151	D	POTW	1/30/2017	\$0	\$14,700,000	\$0	\$0	\$14,700,000			\$0		
8204-110	4	Los Angeles County Sanitation District No. 2	Joint Outfall "A" Unit 6 Trunk Sewer Rehabilitation	R4-2011-0151	D	POTW	1/30/2017	\$0	\$17,000,000	\$0	\$0	\$17,000,000			\$0		

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

Project Number	Region	Agency	Project Name	NPDES/WDR Permit Number	Class	Type ¹	Estimated Agreement Date	Estimated Principal Forgiveness (Cap Grant, Funds Only)	Estimated CWSRF & Other Loan Funds	Estimated Small Community Wastewater Grant ¹	Estimated Water Recycling Funding Program Grant ¹	Estimated Total Financing	Drought Relief Special Interest Rate (1%) Projects	Estimated Equivalency & FFATA Projects	Federal Year 2016	Green Type ⁴	Determination Categorical (C) or Business Case (BC)
8205-110	4	Los Angeles County Sanitation District No. 2	Joint Outfall "D" Units 7 and * Trunk Sewer Rehabilitation	R4-2011-0151	D	POTW	1/30/2017	\$0	\$9,500,000	\$0	\$0	\$9,500,000			\$0		
All Reviews Complete, Funding Decision in Process and Agreement Pending																	
8177-110	8	Irvine Ranch Water District	Irvine Lake Pipeline Conversion Project	CA8000326	C	POTW	1/30/2017	\$0	\$0	\$0	\$9,728,355	\$9,728,355			\$0		
8122-110	7	Palm Springs, City of	VWTP Head Works and Clarifier Upgrade Project	R7-2015-0013	C	POTW	1/30/2017	\$728,435	\$33,571,483	\$0	\$0	\$34,299,928			\$1,456,870	E	BC
8060-110	9	Santa Margarita Water District	Trampus Canyon Recycled Water Seasonal Storage Reservoir	CA0107417	C	POTW	1/30/2017	\$0	\$32,450,000	\$0	\$15,000,000	\$47,450,000	Yes		\$52,450,000	W	C
8163-110	2	West Bay Sanitary District	West Bay Sanitary District Recycled Water Project - Sharon Heights	R2-1995-0011	C	POTW	1/30/2017	\$0	\$11,237,200	\$0	\$6,050,800	\$17,288,000	Yes		\$11,237,200	W	C
8164-110	9	Ei Toro Water District	Phase II Recycled Water Distribution System Expansion Project	R8-2015-0023	C	POTW	2/1/2017	\$0	\$8,640,000	\$0	\$3,360,000	\$12,000,000			\$8,640,000	W	C
8133-110	9	Padre Dam Municipal Water District	Padre Dam Water Recycling Facility, Phase 1 Expansion	CA0107492	C	POTW	2/1/2017	\$0	\$101,200,000	\$0	\$15,000,000	\$116,200,000	Yes		\$101,200,000	W	C
8146-110	8	Anaheim, City of	Downtown Anaheim Recycled Water Expansion	R8-2013-0014	C	POTW	2/15/2017	\$0	\$0	\$0	\$758,800	\$758,800			\$0		
8091-110	2	Hayward, City of	City of Hayward Recycled Water Project	CA0037869	C	POTW	2/15/2017	\$0	\$8,083,560	\$0	\$3,511,200	\$11,594,760	Yes		\$8,083,560	W	C
8077-110	5	Nevada County Sanitation District #1	Cascade Shores Community Leach Field Project	CA0083241	D	POTW	2/28/2017	\$0	\$1,100,000	\$1,100,000	\$0	\$2,200,000			\$0		
8041-110	5	Shasta Lake, City of	City of Shasta Lake Wastewater Treatment Facility Upgrade Project	CA0079511	C	POTW	2/29/2017	\$0	\$14,200,000	\$6,000,000	\$0	\$20,200,000			\$0		
8153-110	2	Sunnyvale, City of	Headworks and Primary Treatment, Phase 1(A)	CA0037621	C	POTW	2/29/2017	\$4,000,000	\$123,088,521	\$0	\$0	\$127,088,521			\$9,000,000	E	BC
8281-110	5	Tuolumne City Sanitary District	TCSD Collection System Project	R5-1995-0129	C	POTW	2/28/2017	\$0	\$0	\$255,000	\$0	\$255,000			\$0		
8011-110	3	Watsonville, City of	Freedom Sanitation Trunk Sewer Line	CA0048216	C	POTW	2/28/2017	\$0	\$3,007,579	\$0	\$0	\$3,007,579			\$0		

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

Green Project Reserve (Min. 10% Required)																						
Project Number	Region	Agency	Project Name	NPDES/WR Permit Number	Class	Type ¹	Estimated Agreement Date	Estimated Principal Forgiveness (Cap Grant Funds Only)	Estimated CWSRF & Other Loan Funds	Estimated Small Community Wastewater Grant ²	Estimated Water Recycling Funding Program Grant ³	Estimated Total Financing	Drought Relief Special Interest Rate Projects (1%)	Estimated Eligibility & EFAT ⁴ Projects	Federal Year 2016	Green Type ⁴	Determination Categorical (C) or Business Case (BC)					
8270-110	5	Chowchilla, City of	Chowchilla Regional Sewer System Capacity Study	Pending	C	POTW	3/1/2017	\$0	\$0	\$500,000	\$0	\$500,000			\$0							
8111-110	2	San Francisco Public Utilities Commission of the City & County of	San Francisco Westside Recycled Water Project	CA0037681	C	POTW	3/1/2017	\$0	\$171,220,000	\$0	\$15,000,000	\$186,220,000	Yes		\$171,220,000	W	C					
8076-110	1	Ukiah, City of	Recycled Water Pipeline Project	CA0022888	C	POTW	3/1/2017	\$0	\$25,564,000	\$0	\$9,996,000	\$35,560,000	Yes		\$25,564,000	W	C					
8028-110	3	Monterey Regional Water Pollution Control Agency	Groundwater Replenishment Project	CA0048551	C	POTW	3/15/2017	\$0	\$98,000,000	\$0	\$15,000,000	\$113,000,000	Yes		\$98,000,000	W	C					
8071-110	5	Brentwood, City of	City of Brentwood Recycled Water Project (Phase A & B1)	RS-2004-0132	C	POTW	7/1/2017	\$0	\$14,596,500	\$0	\$6,205,500	\$20,802,000	Yes		\$14,596,500	W	C					
8150-110	8	Eastern Municipal Water District	La Piedra Recycled Water Pipeline Expansion Project	CA8000188	C	POTW	2/28/2017	\$0	\$1,462,695	\$0	\$787,605	\$2,250,300			\$1,462,695	W	C					
Projects With Complete Applications and Reviews Pending														\$47,728,435	\$647,401,548	\$7,855,000	\$100,398,260	\$760,383,243		\$481,910,825		
7884-110	5	Biggs, City of	Wastewater Treatment Plant Upgrade Phase 2	CA0078930	C	POTW	2/28/2017	\$0	\$2,444,569	\$6,000,000	\$0	\$8,444,569			\$0							
8278-110	5	Laton Community Services District	Laton Community Services District Wastewater Facility 2016 Improvements	RS-85-253	C	POTW	2/28/2017	\$0	\$0	\$345,000	\$0	\$345,000			\$0							
5957-210	1	Willow Creek Community Services District	Willow Creek Wastewater Project	Pending	D	POTW	3/1/2017	\$0	\$0	\$6,000,000	\$0	\$6,000,000			\$0							
8179-110	5	Gustine, City of	WWTP Improvement Planning Project	RS-1998-0039	C	POTW	3/15/2017	\$0	\$0	\$480,000	\$0	\$480,000			\$0							
8089-110	5	Mariposa Public Utility District	Wastewater Treatment Facility Improvements	CA0079430	C	POTW	3/30/2017	\$0	\$2,520,000	\$6,000,000	\$0	\$8,520,000			\$0							
8269-110	5	Planada Community Services District	PCSD Solar Generation System at WWTP	RS-2013-0021	E	POTW	3/31/2017	\$0	\$0	\$1,733,240	\$0	\$1,733,240			\$0							
8006-210	5	Jameson Sanitary District	Wastewater Treatment Plant Relocation	RS-2001-062	C	POTW	5/26/2017	\$0	\$5,018,000	\$5,500,000	\$0	\$10,518,000			\$0							

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

Green Project Reserve (Min 10% Required)																	
Project Number	Region	Agency	Project Name	NPDES/WR Permit Number	Class	Type ¹	Estimated Agreement Date	Estimated Principal Forgiveness (Cap Grant Funds Only)	Estimated CWSRF & Other Loan Funds	Estimated Small Community Wastewater Grant ²	Estimated Water Recycling Funding Program Grant ³	Estimated Total Financing	Drought Relief Special Interest Rate (1%) Projects	Estimated Equivalency & FFATA Projects	Federal Year 2016	Green Type ⁴	Determination Categorical (C) or Business Case (BC)
8282-110	7	Calipatria, City of	City of Calipatria Sanitary Sewer Improvement Project	CA0105015	D	POTW	6/01/2017	\$0	\$0	\$1,000,000	\$0	\$1,000,000			\$0		
7211-210	5	Madera, County of	Fairmead Septic to Sewer Project	DWQ-2014-0153	D	POTW	6/1/2017	\$0	\$4,000,000	\$8,000,000	\$0	\$12,000,000			\$0		
7896-310	5	Colusa, City of	Collection System Improvements Project	CA0078989	C	POTW	7/1/2017	\$0	\$2,850,000	\$1,750,000	\$0	\$4,600,000			\$0		
7767-210	5	Stratford District	Wastewater Facilities Improvement Project	Pending	C	POTW	7/1/2017	\$0	\$2,300,300	\$0	\$0	\$2,300,300			\$0		
8038-110	5	Springs Public Utility District	Effluent Management and Wastewater Treatment Project	RS-2005-0066	C	POTW	7/1/2017	\$0	\$3,500,000	\$6,000,000	\$0	\$9,500,000			\$0		
8039-110	5	Murphys Sanitary District	Wastewater Treatment Plant Upgrade Project	RS-2000-0264	C	POTW	9/29/2017	\$0	\$5,106,500	\$2,500,000	\$0	\$7,606,500			\$0		
8290-110	8	Orange County Water District	Groundwater Replenishment System Final Expansion	R8-2004-0002	C	POTW		\$0	\$229,400,000	\$0	\$15,000,000	\$244,400,000			\$229,400,000	W	C
8147-110	8	Anaheim, City of	South Recycled Water Project	R8-2004-0002	C	POTW		\$0	\$7,728,000	\$0	\$3,472,000	\$11,200,000			\$11,200,000	W	C
8065-110	5	Brentwood, City of	Wastewater Treatment Plant Expansion - Phase II	RS-2013-0106	C	POTW		\$0	\$31,957,000	\$0	\$0	\$31,957,000			\$0		
8223-110	8	Chino Basin Regional Financing Authority	Planning & Design SRF Loan for Recharge Master Plan Update	CA8000409	C	POTW		\$0	\$5,000,000	\$0	\$0	\$5,000,000			\$0		
8268-110	2	Dublin San Ramon Services District	DERWA Recycled Water Treatment Facility Phase 2	R2-2012-0005	C	POTW		\$0	\$14,250,000	\$0	\$5,250,000	\$19,500,000			\$0		
8047-110	8	Eastern Municipal Water District	Recycled Water Supply Optimization Program	CA8000188	C	POTW		\$0	\$99,031,280	\$0	\$15,000,000	\$114,031,280			\$99,031,280	W	C
8165-110	8	Eastern Municipal Water District	Alessandro Pond Optimization Project	CA8000188	C	POTW		\$0	\$777,530	\$0	\$418,670	\$1,196,200			\$0		
8186-110	8	Eastern Municipal Water District	Tamucia Valley Recycled Water Pipeline Project	CA8000188	C	POTW		\$0	\$12,022,000	\$0	\$5,208,000	\$17,230,000			\$12,022,000	W	C
8207-110	8	Eastern Municipal Water District	Cottonwood Avenue Recycled Water Pipeline (West)	CA8000188	C	POTW		\$0	\$1,533,237	\$0	\$516,763	\$2,050,000			\$1,533,237	W	C

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

Project Number	Region	Agency	Project Name	NPDES/WDR Permit Number	Class	Type ⁴	Estimated Agreement Date	Estimated Principal Forgiveness (Cap Grant Funds Only) ¹	Estimated CWSRF & Other Loan Funds	Estimated Small Community Wastewater Grant ²	Estimated Water Recycling Funding Program Grant ³	Estimated Total Financing	Drought Relief Special Interest Projects (1%)	Estimated Equivalency & FFATA Projects	Federal Year 2016	Green Type ⁴	Determination Categorical (C) or Business Case (BC)
8234-110	8	Elsinore Municipal Water District	Regional Water Reclamation Facility Expansion & Upgrade Design	CA8000027	D	POTW		\$0	\$14,500,000	\$0	\$0	\$14,500,000			\$0		
8113-110	9	Escondido, City of	Recycled Water Easterly Main and Tanks	R9-2010-0032	C	POTW		\$0	\$5,033,750	\$0	\$2,960,250	\$8,000,000			\$5,033,750	W	C
8115-110	9	Escondido, City of	Brine Line Broadway to HARRF	R9-2010-0032	C	POTW		\$0	\$5,000,000	\$0	\$0	\$5,000,000			\$0		
8173-110	8	Inland Empire Utilities Agency	RP-1 & RP-5 Expansion Preliminary Design Report	CA8000409	C	POTW		\$0	\$3,000,000	\$0	\$0	\$3,000,000			\$0		
8105-110	8	Inland Empire Utilities Agency	2015 Drought Relief - Napa Lateral	CA8000409	C	POTW		\$0	\$3,786,100	\$0	\$2,038,670	\$5,824,770			\$3,786,100	W	C
8105-120	8	Inland Empire Utilities Agency	2015 Drought Relief - San Savaine Basin Improvements	CA8000409	C	POTW		\$0	\$4,891,642	\$0	\$2,033,961	\$7,525,603			\$4,891,642	W	C
8212-110	8	Inland Empire Utilities Agency	Sewer Service to IEUA Septic Users Feasibility Study	CA8000409	C	POTW		\$0	\$500,000	\$0	\$0	\$500,000			\$0		
8235-110	8	Inland Empire Utilities Agency	2015 Drought Relief - RP-1158 Recycled Water Pump Station Upgrades	CA8000409	C	POTW		\$0	\$3,566,816	\$0	\$1,093,000	\$4,659,816			\$3,566,816	W	C
8235-120	8	Inland Empire Utilities Agency	2015 Drought Relief - RP-5 Recycled Water Pipeline Bottleneck	CA8000409	C	POTW		\$0	\$1,162,440	\$0	\$352,000	\$1,514,440			\$1,162,440	W	C
8235-130	8	Inland Empire Utilities Agency	2015 Drought Relief - Recycled Water Pressure Sustaining Valve Installation	CA8000409	C	POTW		\$0	\$713,211	\$0	\$277,000	\$990,211			\$713,211	W	C
8235-140	8	Inland Empire Utilities Agency	2015 Drought Relief - RP-1 Parallel Outfall Pipeline	CA8000409	C	POTW		\$0	\$5,092,238	\$0	\$1,548,000	\$6,640,238			\$5,092,238	W	C
8235-150	8	Inland Empire Utilities Agency	2015 Drought Relief - Baseline Extension Project	CA8000409	C	POTW		\$0	\$2,650,270	\$0	\$1,427,069	\$4,077,339			\$2,650,270	W	C
8097-110	5	Kern-Tulare Water District	Kern-Tulare Water District Oil Field Water Reuse Project	Pending	C	POTW		\$0	\$7,000,000	\$0	\$0	\$7,000,000			\$7,000,000	W	C
8154-110	4	Los Angeles County Sanitation District No. 2	Carson JWP/CP - Effluent Outfall Tunnel Project	CA0053813	C	POTW		\$0	\$636,150,000	\$0	\$0	\$636,150,000			\$0		
8228-110	4	Los Angeles County Sanitation District No. 2	San Jose Creek Water Reclamation Plant Flow Equalization Facilities Phase 1	CA0053911	C	POTW		\$0	\$40,360,000	\$0	\$15,000,000	\$55,360,000			\$40,360,000	W	C

Green Project Reserve (Min 10% Required)

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

Project Number	Region	Agency	Project Name	NPDES/WDR Permit Number	Class	Type ¹	Estimated Agreement Date	Estimated Principal Forgiveness (Cap Grant Funds Only) ²	Estimated CWSRF & Other Loan Funds	Estimated Small Community Wastewater Grant ³	Estimated Water Recycling Funding Program Grant ⁴	Estimated Total Financing	Drought Relief Special Interest Rate (1%) Projects	Estimated Equivalency & FFATA Projects	Federal Year 2016	Green Type ⁴	Determination Categorical (C) or Business Case (BC)
8200-110	4	Los Angeles, City of	Griffith Park South Water Recycling Project	CA0053953	C	POTW		\$0	\$0	\$0	\$9,107,096			\$0			
8020-110	4	Los Angeles, City of	TWRP AWPFF Ultimate Expansion	CA0053856	C	POTW		\$0	\$0	\$15,000,000	\$15,000,000			\$0			
8184-110	3	Marina Coast Water District	Regional Urban Water Augmentation Project	Pending	C	POTW		\$0	\$23,599,141	\$11,400,859	\$35,000,000			\$23,599,141	W	C	
8252-110	8	Orange County Water District	Mud Basin Centennial Park Injection Project	Pending	C	POTW		\$0	\$20,571,612	\$11,550,000	\$32,121,612			\$32,121,612	W	C	
8125-110	6	Palmdale Recycled Water Authority	Recycled Water Line Phase 2	R6-2012-0002	C	POTW		\$0	\$5,057,320	\$2,442,680	\$7,500,000			\$5,057,320	W	C	
8102-110	6	Palmdale Water District	Palmdale Regional Groundwater Recharge and Recovery Project	R6-2011-0012	C	POTW		\$0	\$40,000,000	\$15,000,000	\$55,000,000			\$0			
8104-110	2	Palo Alto, City of	Primary, Fixed Film Reactor & Laboratory/Environmental Services Building Project	CA0037834	C	POTW		\$0	\$6,727,757	\$0	\$6,727,757			\$0			
8190-110	2	Palo Alto, City of	Sludge Dewatering and Loadout Facility	CA0037834	D	POTW		\$4,000,000	\$25,000,000	\$0	\$30,000,000			\$9,000,000	E	BC	
8137-110	4	Pasadena, City of	Pasadena Non-Potable Water Project	R4-2011-0187	C	POTW		\$0	\$21,176,250	\$4,148,750	\$25,325,000			\$21,176,250	W	C	
8144-110	3	Paso Robles, City of	Paso Robles Recycled Water Project	CA0047953	C	POTW		\$0	\$12,022,000	\$5,208,000	\$17,230,000			\$12,022,000	W	C	
8142-110	5	Patterson, City of	Wastewater Treatment Plant Expansion Phase III	R5-2007-0147	C	POTW		\$0	\$1,984,736	\$0	\$1,984,736			\$0			
8157-110	2	Petaluma, City of	Expansion of Petaluma Recycled Water Treatment Capacity and Urban Distribution System	R2-1996-0110	C	POTW		\$0	\$0	\$870,000	\$870,000			\$0			
8032-110	9	San Diego, City of	Pump Station 2 Power Reliability & Surge Protection Project	CA0107409	D	POTW		\$0	\$38,610,000	\$0	\$38,610,000			\$0			
8195-110	9	San Eljio Joint Powers Authority	SEJPA Treatment Facility Improvements - PHASE 1	CA0107999	C	POTW		\$0	\$6,300,000	\$0	\$6,300,000			\$0			
8196-110	9	San Eljio Joint Powers Authority	SEJPA Recycled Water Phase II Project	CA0107999	C	POTW		\$0	\$4,030,000	\$2,170,000	\$6,200,000			\$4,030,000	W	C	

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

Project Number	Region	Agency	Project Name	NPDES/WDR Permit Number	Class	Type ¹	Estimated Agreement Date	Estimated Principal Forgiveness (Cap Grant Funds Only) ²	Estimated CWSRE & Other Loan Funds	Estimated Small Community Wastewater Grant ³	Estimated Water Recycling Funding Program Grant ⁴	Estimated Total Financing	Drought Relief Special Interest Rate (1%) Projects	Estimated Equivalency & FFATA Projects	Green Project Reserve (Min 10% Required)		
															Federal Year 2016	Green Type ⁵	Determination Categorical (C) or Business Case (BC)
8129-110	2	San Francisco, Public Utilities Commission of the City & County of	North Point Facility Outfall Rehabilitation	CA0037664	C	POTW		\$0	\$17,775,621	\$0	\$0	\$17,775,621			\$0		
8088-110	2	San Francisco, Public Utilities Commission of the City & County of	CWWSIPSE06 - SEP 521/522 and Disinfection Upgrades	CA0037664	D	POTW		\$0	\$32,088,516	\$0	\$0	\$32,088,516			\$0		
8132-110	2	San Francisco, Public Utilities Commission of the City & County of	CWWSIPSE04 - SEP Primary/Secondary Clarifier Upgrades	CA0037664	C	POTW		\$0	\$32,308,985	\$0	\$0	\$32,308,985			\$0		
8149-110	8	San Gabriel Valley Water Company	South El Monte Recycled Water Project	Pending	C	POTW		\$0	\$1,100,986	\$0	\$592,839	\$1,693,825			\$1,100,986	W	C
8087-110	2	San Jose, City of	Digester and Thickener Facilities Upgrade Project	CA0037842	D	POTW		\$0	\$150,000,000	\$0	\$0	\$150,000,000			\$0		
8156-110	4	Santa Clarita Valley Sanitation District	Santa Clarita Valley San Dist Microfiltration/RO	CA0054216	C	POTW		\$0	\$56,001,000	\$0	\$0	\$56,001,000			\$56,001,000	W	C
8211-110	4	Santa Monica, City of	Sustainable Water Infrastructure Project (SWIP)	CAS004001	C	POTW		\$4,000,000	\$53,048,637	\$0	\$0	\$57,048,637			\$0		
7837-110	2	Sausalito-Marin City Sanitary District	Treatment and Wet Weather Flow Upgrade Project	CA0038067	D	POTW		\$0	\$26,000,000	\$0	\$0	\$26,000,000			\$0		
8220-110	2	South Tahoe Public Utilities District	Water Meter Installation Phase 3 - 5	RG-2004-0010	C	POTW		\$4,000,000	\$10,010,534	\$0	\$0	\$14,010,534			\$8,000,000	W	C
8265-110	5	Stockton, City of	Regional Wastewater Control Facilities Modifications	CA0079138	C	POTW		\$0	\$5,350,000	\$0	\$0	\$5,350,000			\$0		
8217-110	3	Templeton Community Services District	Upper Salinas River Basin Conjunctive Use Project (US CUP)	Pending	C	POTW		\$0	\$3,043,000	\$0	\$0	\$3,043,000			\$0		
								\$12,000,000	\$1,755,650,978	\$45,308,240	\$149,691,607	1,962,650,825			\$613,651,293		

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

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															Federal Year 2016	Green Type	Determination Categorical (C) or Business Case (BC)	
Projects With Incomplete Applications (Must have General and at least one of the following packages submitted for Tech, Env, or Fin review)																		
8233-110	1	Monterey, City of	Wastewater Facility Upgrade	R1-1996-0068	C	POTW	1/31/2017	\$0	\$0	\$70,000	\$0	\$70,000				\$0		
8303-110	1	Shastina Community Services District	Lake Shastina Wastewater System Rehabilitation and Upgrade	R1-2012-0029	C	POTW	2/28/2017	\$0	\$500,000	\$0	\$500,000					\$0		
7860-110	7	Hi-Desert Water District	Septic System Abatement & Private Lateral Installation	R7-2009-0059	A	POTW	3/1/2017	\$0	\$8,000,000	\$0	\$11,000,000					\$0		
7842-120	5	San Andreas Sanitary District	WWTP Digester Upgrade Project	CA0079464	C	POTW	5/19/2017	\$0	\$2,642,200	\$0	\$2,642,200					\$0		
8306-110	5	Adin Community Services District	Preliminary Engineering For Renovation of Wastewater System	R5-2014-0153	C	POTW	5/31/2017	\$0	\$419,000	\$0	\$419,000					\$0		
8304-110	5	Franklin County Water District	Sewer Collection and Wastewater Improvements	R5-1989-1710	C	POTW	5/31/2017	\$0	\$435,000	\$0	\$435,000					\$0		
8310-110	5	Grayson Community Services District	Grayson Community Services District WWTF Planning Project	R5-1993-0880	C	POTW	6/01/2017	\$0	\$500,000	\$0	\$500,000					\$0		
8009-110	5	Grizzly Lake Community Services District	Delleker Wastewater Treatment Plant Improvements Planning Project	CA0081744	C	POTW	6/30/2017	\$0	\$262,000	\$0	\$262,000					\$0		
7659-110	5	Kern, County of	South Shafter Sewer Project - Smiths Center	Pending	D	POTW	6/30/2017	\$0	\$6,830,177	\$0	\$10,830,177					\$0		
7850-210	5	Calaveras County Water District	West Point and Wiseville Wastewater Treatment Facilities Consolidation Project	R3-1993-078	D	POTW	7/1/2017	\$0	\$4,750,000	\$0	\$4,750,000					\$0		
8272-110	1	Arcata, City of	City of Arcata Wastewater Treatment Compliance Project	CA0022713	C	POTW	12/29/2017	\$0	\$2,000,000	\$0	\$7,000,000					\$0		
8274-110	4	Bassett Unified School District	Bassett High School Stormwater Project	N/A	C	POTW		\$500,000	\$0	\$0	\$500,000					\$0		
8285-110	2	Central Marin Sanitation Agency	Renewable Energy Expansion Program	CA0038628	C	POTW		\$500,000	\$0	\$0	\$500,000					\$0		
8167-110	8	China Basin Regional Financing Authority	Joint IELUA - ICSD Regional Water Recycling Program	CA8000316	C	POTW		\$0	\$0	\$15,000,000	\$52,460,000					\$37,460,000	W	C

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

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8170-110	8	Chino Basin Regional Financing Authority	City of Pomona, Monte Vista Water District & IEUA Recycled Water Interfill Project	CA8000409	C	POTW		\$0	\$36,896,000	\$0	\$15,000,000	\$51,896,000			\$36,896,000	W	C
8260-110	8	Chino Basin Regional Financing Authority	Lower Day Basin Improvement Project	R8-2015-0036	C	POTW		\$0	\$1,355,000	\$0	\$0	\$1,355,000			\$0		
8283-110	2	Delta Diablo	East County Bioenergy Phase 1 Biosolids & Wood Waste to Energy	R2-2009-0018	C	POTW		\$415,000	\$0	\$0	\$0	\$415,000			\$0		
8284-110	2	Delta Diablo	East County Bioenergy Phase 2 Biosolids & Wood Waste to Energy	R2-2009-0018	C	POTW		\$300,000	\$0	\$0	\$0	\$300,000			\$0		
8106-110	8	East Valley Water District	Sterling Natural Resource Center	Pending	C	POTW		\$0	\$121,712,156	\$0	\$2,387,844	\$124,100,000			\$121,712,156	W	C
8055-110	9	Escondido, City of	Recycled Water Eastern Agricultural Reverse Osmosis Facility and Pump Station	R9-2010-0032	C	POTW		\$0	\$18,290,000	\$0	\$10,710,000	\$29,000,000			\$18,290,000	W	C
8172-110	5	Fairfield-Suisun Sewer District	Blower Replacement Project	CA0038024	D	POTW		\$0	\$8,650,000	\$0	\$0	\$8,650,000			\$0		
7109-110	5	Fresno County Waterworks District 38	Wastewater Treatment Plant Improvements	RS-1990-088	D	POTW		\$0	\$600,000	\$0	\$0	\$600,000			\$0		
8236-110	8	Inland Empire Utilities Agency	2015 Drought Relief - City of Ontario Euclid/Riverside Recycled Water Pipeline Project	CA8000409	C	POTW		\$0	\$14,715,403	\$0	\$7,923,678	\$22,639,081			\$14,715,403	W	C
8094-110	4	La Puente Valley County Water District	LPV/CWD Recycled Water Project	R4-2015-0070	C	POTW		\$0	\$4,503,713	\$0	\$1,930,163	\$6,433,876			\$4,503,713	W	C
8280-110	4	Los Angeles County Sanitation District No. 3	Anaheim Street Trunk Sewer Rehabilitation	R4-2006-003	D	POTW		\$0	\$5,400,000	\$0	\$0	\$5,400,000			\$0		
8063-110	4	Los Angeles, City of	DCTWRP Advanced Water Purification Facility	CA0056227	C	POTW		\$0	\$451,000,000	\$0	\$0	\$451,000,000			\$0		
8244-110	2	Napa Sanitation District	Browns Valley Road Sewer Interceptor and West Napa Pump Station Improvements	CA0037575	C	POTW		\$0	\$20,000,000	\$0	\$0	\$20,000,000			\$0		
8050-110	5	Paradise Irrigation District	Process Water Recycling	CA0083488	C	POTW		\$0	\$13,760,000	\$0	\$0	\$13,760,000			\$0		

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

Green Project Reserve (Min 10% Required)																	
Project Number	Region	Agency	Project Name	NPDES/WDR Permit Number	Class	Type ¹	Estimated Agreement Date ¹	Estimated Principal Forgiveness (Cap Grant, Funds Only) ²	Estimated CWSRF & Other Loan Funds	Estimated Small Community Wastewater Grant ³	Estimated Water Recycling Program Grant ⁴	Estimated Total Financing	Drought Relief Special Interest Rate (1%) Projects	Estimated Equivalency & FFATA Projects	Federal Year 2016	Green Type ⁵	Determination Categorical (C) or Business Case (BC)
8128-110	9	Rancho California Water District	Santa Rosa Wastewater Facility Rehabilitation Project	R9-1994-0092	C	POTW		\$0	\$95,000,000	\$0	\$0	\$95,000,000			\$0		
8187-110	1	Resort Improvement District No. 1	Shelter Cove Water Recycling Project	R1-2015-0017	C	POTW		\$0	\$500,000	\$0	\$0	\$500,000			\$0		
8258-110	2	Richmond, City of	Wastewater Treatment Plant Critical Improvements Project	R2-20013-0016	C	POTW		\$0	\$28,700,000	\$0	\$0	\$28,700,000			\$0		
8168-110	9	San Diego, City of	PW - North City Water Reclamation Plant Expansion and Morena Boulevard Pump Station and Pipelines	CAS0109286	C	POTW		\$0	\$82,789,831	\$0	\$0	\$82,789,831			\$82,789,831	W	C
8169-110	9	San Diego, City of	Pure Water - Advanced 30 MGD Water Purification Facility, Pump Stations and Pipeline to San Vicente	CAS0109286	C	POTW		\$0	\$144,618,161	\$0	\$0	\$144,618,161			\$144,618,161	W	C
8195-120	9	San Eljo Joint Powers Authority	SEJPA Treatment Facility Improvements - Phase 2	CA0107999	C	POTW		\$0	\$3,500,000	\$0	\$0	\$3,500,000			\$0		
8195-130	9	San Eljo Joint Powers Authority	SEJPA Treatment Facility Improvements - Phase 3	CA0107999	C	POTW		\$0	\$8,900,000	\$0	\$0	\$8,900,000			\$0		
8195-140	9	San Eljo Joint Powers Authority	SEJPA Treatment Facility Improvements - Phase 4	CA0107999	C	POTW		\$0	\$8,100,000	\$0	\$0	\$8,100,000			\$0		
8143-110	8	San Gabriel Valley Water Company	Fontana Water Company Recycled Water Project	R8-2009-0021	C	POTW		\$0	\$5,255,000	\$0	\$0	\$5,255,000			\$0		
8029-110	3	San Luis Obispo, City of	San Luis Obispo Water Resource Recovery Facility Expansion and Improvements Project	CA0049224	C	POTW		\$0	\$90,380,000	\$0	\$0	\$90,380,000			\$0		
8227-110	5	Sanger, City of	City of Sanger Recycled Water Feasibility Study	R5-2014-0004	C	POTW		\$0	\$150,000	\$0	\$0	\$150,000			\$0		
8035-110	4	Santa Clarita Valley Sanitation District	Santa Clarita Valley Sanitation District UV Project (Phase 1)	CA0054216	C	POTW		\$0	\$39,916,368	\$0	\$0	\$39,916,368			\$0		

Updated Financial Outlook and Financing Forecast 16/17 Intended Use Plan

Green Project Reserve (Min 10% Required)																	
Project Number	Region	Agency	Project Name	NPDES/WDR Permit Number	Class	Type ¹	Estimated Agreement Date	Estimated Principal Forgiveness (Cap Grant Funds Only) ²	Estimated CWSRF & Other Loan Funds	Estimated Small Community Wastewater Grant ³	Estimated Water Recycling Funding Program Grant ⁴	Estimated Total Financing	Drought Relief Special Interest Rate (1%) Projects	Estimated Equivalency & FFATA Projects	Federal Year 2016	Green Type	Determination Categorical (C) or Business Case (BC)
8134-110	3	Santa Cruz County Sanitation District	Soquel Pump Station Force Main Replacement	R3-1995-0027	C	POTW		\$0	\$4,000,000	\$0	\$0	\$4,000,000			\$0		
8256-110	3	Santa Ynez Band of Chumash Indians	Planning Study for the Chumash Recycled Water Facility Expansion Project	Pending	C	POTW		\$0	\$75,000	\$0	\$0	\$75,000			\$0		
8239-110	3	South San Luis Obispo County Sanitation District	Redundancy Project	CA0048003	C	POTW		\$0	\$500,000	\$0	\$0	\$500,000			\$0		
8053-110	6	South Tahoe Public Utility District	Treatment Plant Generator Upgrades	R6-2004-0010	D	POTW		\$0	\$3,730,384	\$0	\$0	\$3,730,384			\$0		
8237-110	5	Turlock, City of	North Valley Regional Recycled Water Program	R5-2016-0010	C	POTW		\$0	\$39,461,000	\$0	\$0	\$39,461,000			\$0		
8100-110	4	Upper San Gabriel Valley Municipal Water District	Indirect Reuse Replenishment Project	Pending	C	POTW		\$0	\$50,000,000	\$0	\$15,000,000	\$65,000,000			\$50,000,000	W	C
7454-140	9	Valley Center MWD	Woods Valley Ranch Wastewater Expansion Project - North Village Collection System	R9-2015-0104	C	POTW		\$0	\$4,115,400	\$0	\$0	\$4,115,400			\$0		
8083-110	6	Victor Valley Wastewater Rec Authority	Oro Grande Interceptor Replacement Project	DWQ-2006-0003	D	POTW		\$0	\$5,700,000	\$0	\$0	\$5,700,000			\$0		
8253-110	5	Yuba City, City of	Water Meter Replacement - Green Project	CA0079260	C	POTW		\$2,750,000	\$2,750,000	\$0	\$0	\$5,500,000			\$5,500,000	W	C
8162-110	8	Yucaipa Valley Water District	Calimesa Recycled Water Conveyance Project	CA0105619	C	POTW		\$0	\$3,450,057	\$0	\$3,450,057	\$6,900,114			\$3,450,057	W	C
TOTALS								\$4,465,000	\$1,370,763,650	\$23,578,200	\$71,401,742	\$1,470,208,592			\$519,935,321		
								\$23,693,435	\$4,421,199,208	\$82,913,148	\$329,669,891	\$4,857,375,692			1,645,669,914		

Table 2 Notes:

- (1) POTW= Publicly-owned treatment works projects per CWA Section 212; EXP= Expanded use projects per Clean Water Act (CWA) Section 319 or 320.
- (2) An estimated \$88,919,342 in principal forgiveness funds remains available for projects that meet the criteria in Table 4.d of the June 21, 2016 IUP. Selected projects to be determined during project review period.
- (3) Preliminary estimate based on draft funding criteria, available information regarding project costs, wastewater rates, etc. Subject to change.
- (4) Green Project Types: W= Water Efficiency; E = Energy Efficiency; I = Innovative. Estimated Minimum 2016 GPR Funding Requirement = \$9,555,800.