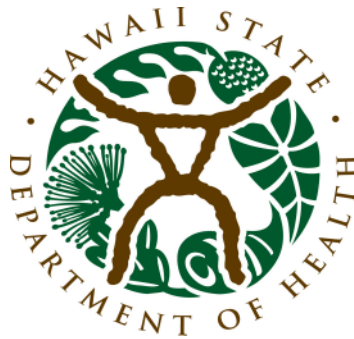


State of Hawaii
Water Pollution Control Revolving Fund
also known as the
Clean Water State Revolving Fund (CWSRF)

Amendment 3 to the
Intended Use Plan
for State Fiscal Year (SFY) 2018
and Federal Fiscal Year (FFY) 2017 Appropriation



Submitted to the
U.S. Environmental Protection Agency (EPA)
Region IX

By the State of Hawaii
Department of Health
Environmental Management Division
Wastewater Branch

October 2017

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Amendment 3 to the IUP for SFY 2018

The Intended Use Plan for SFY 2018 has been amended to include the State of Hawaii's definition of a Treatment Works.

I. Introduction

Hawaii's Water Pollution Control Revolving Fund (commonly referred to as the Clean Water State Revolving Fund or CWSRF) provides low interest loans to Hawaii's four counties to construct high priority wastewater, stormwater, and non-point source projects. Since its establishment in 1991, the program has issued over \$788.6 million in low interest loans, providing significant savings in interest costs to the counties.

Each year the CWSRF Program is required to prepare an Intended Use Plan (IUP) as part of its request to EPA for an annual capitalization grant. The IUP sets program goals, identifies the intended use of federal and state funds to be provided during the year, and describes how the program will meet requirements of the Federal Fiscal Year (FFY) 2017 Appropriations Act.

II. FFY 2017 Project Funding Requirements and Project Selection

Hawaii is expected to receive a federal capitalization grant of \$10,348,000 under the FFY 2017 Appropriations Act. The following requirements apply:

1. American Iron and Steel (AIS): Funds made available from the CWSRF may not be used for a project for the construction, alteration, maintenance, or repair of treatment works unless all of the iron and steel projects used in the project are produced in the United States. EPA provides AIS national waivers including the use of a de-minimis waiver for projects.
2. Fiscal Sustainability Plan (FSP): For applicable CWSRF projects involving repair, replacement, or expansion of a publicly owned treatment works, the recipient of a loan shall develop and implement a FSP or certify that the recipient has developed and implemented a FSP that includes:
 - a. an inventory of critical assets that are a part of the treatment works;
 - b. an evaluation of the condition and performance of inventoried assets or asset groupings;
 - c. a certification that the recipient has evaluated and will be implementing water and energy conservation efforts as part of the plan; and
 - d. a plan for maintaining, repairing, and, as necessary, replacing the treatment works and a plan for funding such activities.
3. Cost and Effectiveness Analysis: For applicable CWSRF projects, the recipient of a loan shall certify that the recipient:

- a. has studied and evaluated the cost and effectiveness of the processes, materials, techniques, and technologies for carrying out the proposed project or activity for which assistance is sought under this title; and
- b. has selected, to the maximum extent practicable, a project or activity that maximizes the potential for efficient water use, reuse, recapture, and conservation, and energy conservation, taking into account –
 - i. the cost of constructing the project or activity;
 - ii. the cost of operating and maintaining the project or activity over the life of the project or activity; and
 - iii. the cost of replacing the project or activity.

4. Green Project Reserve (GPR): To the extent that there are sufficient eligible project applications, not less than 10% of the capitalization grant shall be used by the state for projects to address green infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. This amounts to a minimum of \$1,034,800 to be allocated to the GPR. Table 1 shows how this requirement will be met.

5. Additional Subsidization: The Hawaii CWSRF program will provide additional subsidization (ad sub) for the FY2017 Appropriation, as required.

6. Davis-Bacon: The Davis-Bacon Act shall apply to any construction of treatment works carried out in whole or in part with assistance made available by the CWSRF. The Hawaii CWSRF Program will continue to implement Davis-Bacon requirements with the exception provided by the *Class Deviation - Prevailing Wage Interview Requirement in Clean Water and Drinking Water State Revolving Funds (CWSRF and DWSRF) Capitalization Grants* memorandum of November 16, 2012. This waives the requirement for wage interviews to be conducted within the first two weeks of the start of construction.

7. Reporting: The Hawaii CWSRF Program will continue its quarterly reporting in the CWSRF Benefits Reporting (CBR) system. Reporting will be done on GPR, Federal Funding Accountability and Transparency Act (FFATA) requirements, and environmental benefits from new projects per the EPA Order on Environmental Benefits. This information will also be included in the Annual Report, as well as the "two-pager" reports on environmental benefits.

8. Cash Draw Ratio: In accordance with EPA Office of Water Memorandum 13-04 (September 30, 2013), the CWSRF will deposit and disburse state match funds (or an equivalent amount of non-federal funds) prior to drawing any funds from the federal capitalization grant. After all state match funds (or an equivalent amount of non-federal funds) have been disbursed, the CWSRF may draw funds from the capitalization grant at a ratio of 100% of the disbursement amount.

9. Other Federal Requirements: Other federal requirements apply in an amount equal to the capitalization grant. These requirements are:

Single audit Act (OMB A-133)
Disadvantaged Business Enterprise (DBE) compliance
Federal environmental crosscutters

10. Disadvantaged Communities: Congress has requested that states direct subsidies to disadvantaged communities. In the past, the CWSRF has funded projects such as the closure of large capacity cesspools servicing relatively low-income or sparsely populated areas and will continue to do so.

11. Affordability Criteria: The Hawaii CWSRF program established its affordability criteria on September 30, 2015. The affordability analysis included the applicant's income, unemployment data, population trends, and other data determined relevant by the Hawaii CWSRF program. The affordability criteria will not singly determine nor guarantee whether the Hawaii CWSRF program will enter into a binding commitment for an additional subsidization with an applicant.

12. Signage: From the FFY 2015 SRF capitalization grant and each year thereafter, the Hawaii CWSRF program must comply with EPA's SRF Signage Guidelines in order to enhance public awareness of EPA assistance agreements nationwide. The Hawaii CWSRF program will ensure compliance of EPA's Signage policy is met for SFY 2018.

13. Architectural and Engineering (A/E) Services Procurement: The Hawaii CWSRF program may fund A/E projects that receive the capitalization grants. An Attorney General's certification, which certifies that using Hawaii Revised Statutes Chapter 103D - The State of Hawaii Public Procurement Code is equivalent to 40 U.S.C 1101 *et seq.* will be provided with our capitalization grant application for SFY 2018.

14. The Hawaii CWSRF Program's definition of a Treatment Works is the following:

Treatment works means any treatment unit and its associated collection system and disposal system, excluding non-point source and individual wastewater systems. Treatment unit means any plant, facility, or equipment used in the treatment of wastewater, including the necessary pumps, power equipment, blowers, motors, holding tanks, flow splitter, and other process equipment.

Projects that do not fall under this definition are not required to comply with the Section 106 *National Historic Preservation Act* review and consultation process, American Iron and Steel and Davis Bacon requirements.

Table 1 lists projects that Hawaii plans to fund in SFY 2018. Although other projects may have a higher ranking, those projects are not ready to proceed at this time.

Table 1: CWSRF Projects to be Funded in SFY 2018

Project No., Subrecipient, Project, and Description	Rank	Planned Binding Commitment	Estimated Loan Amount	GPR	FFATA
<u>51-76, Honolulu-BWS</u> Honouliuli Water Recycling Facility R-1 Pre-Treatment and UV Disinfection Improvements	15	7/15/17	\$6,333,482	\$6,333,482 energy efficiency	
<u>NPS80-24, Hawaii</u> Kealakehe Scrap Metal Yard Remediation	81	7/15/17	\$5,300,000		
<u>77-24, Maui</u> Kihei No. 16 Pump Station Rehabilitation and Force Main Replacement	21	7/15/17	\$5,500,000		
<u>52-60, Maui</u> Wailuku-Kahului Wastewater Reclamation Facility Solids Buliding Renovation	54	7/15/17	\$1,000,000		
<u>54-35, Maui</u> Sheraton Wastewater Pump Station Modifications	70	8/15/17	\$1,000,000		
<u>48-07, Honolulu-ENV</u> Sand Island WWTP - UV Disinfection and Effluent Pump Station Odor Control System	46	9/15/17	\$10,000,000		
<u>51-78, Honolulu-ENV</u> Honouliuli Influent Pump Station Odor Control System	47	9/15/17	\$10,000,000		
<u>54-49, Maui</u> Napili Wastewater Pump Station No. 5 Modifications	25	10/15/17	\$2,300,000		
<u>54-50, Maui</u> Napili Wastewater Pump Station No. 6 Modifications	26	10/15/17	\$2,300,000		
<u>48-00, Honolulu-ENV</u> 48-00 Ala Moana Wastewater Pump Station Force Main #3 and #4	63	11/15/17	\$9,000,000		\$9,000,000
<u>59-23, Kauai</u> Hanama'ulu and Kapaia SPS Renovations	52	11/15/17	\$3,000,000	\$3,000,000 energy efficiency	\$1,348,000
<u>60-07, Hawaii</u> Kulaimano & Papaikou Dewatering and Barminutor Replacement	85	11/15/17	\$2,700,000		
<u>62-37, Hawaii</u> Pua Sewage Pump Station - Pump Replacement	74	12/15/17	\$2,200,000		
<u>NPS 62-29, Hawaii</u> Hilo Scrap Metal Yard Remediation	83	1/15/18	\$7,000,000		
<u>50-12, Kauai</u> Eleele Subdivision Collection System Rehabilitation	86	1/15/18	\$2,500,000		
<u>52-59, Maui</u> Countywide Wastewater Reclamation Facility (WWRF) Chlorination System Upgrade	39	1/15/18	\$2,000,000		
<u>77-16, Maui</u> South Maui Recycled Water System Expansion (2nd Tank)	16	2/15/18	\$6,500,000	\$6,500,000 water reuse	
<u>62-43, Hawaii</u> Pua Force Main Installation and Rehabilitation	89	3/15/18	\$2,100,000		
		TOTAL	\$80,733,482	\$15,833,482	\$10,348,000

III. Long and Short Term Goals

The Hawaii CWSRF Program has developed long and short term goals, listed in Tables 2 and 3, respectively.

Table 2: Long-Term Goals
<ol style="list-style-type: none">1. Provide financial assistance for eligible projects that protect Hawaii's public health; correct surface water quality impairment; eliminate or prevent ground water contamination; control point and non-point pollution sources; promote water reuse, energy efficiency and sustainability; and achieve compliance with federal and state water quality standards.2. Ensure fiscal soundness and perpetuity of the CWSRF.

Table 3: Short-Term Goals
<ol style="list-style-type: none">1. Promote water reuse, energy efficiency and/or other innovative environmental projects.2. Reduce EPA unliquidated loan obligations.3. Provide loans with competitive interest rates while still assuring the program's perpetuity.4. Revisit standard operating procedures to improve program efficiency.

IV. Project Eligibility and Selection

CWSRF project funding is available for public facilities and systems owned by a state or county government agency. Projects eligible for funding must be listed on the current Project Priority List (Appendix B). All projects scheduled for CWSRF funding will be reviewed for consistency with appropriate plans developed under Sections 208, 303(e), and 419 of the Act.

The Water Resources Reform and Development Act of 2014 amendments expanded the CWSRF project eligibilities. The CWSRF Program will be evaluating the feasibility to include land purchase, privately owned systems, and decentralized wastewater treatment system projects to the program.

Storm water discharges from municipal separate storm sewer systems (MS4) are a major concern in urbanized areas due to the high concentration of pollutants found in these discharges. The Hawaii CWSRF Program provides loan funding for the construction of municipal separate storm sewer system (MS4) projects.

Table 4 shows the types of projects that are eligible for CWSRF funding.

Table 4: Projects Eligible for CWSRF Funding

1. Point Source Projects
 - a. New, expanded, or rehabilitated wastewater treatment plants.
 - b. Publicly-owned water reuse systems and distribution lines.
 - c. New or rehabilitated collector, trunk, and interceptor sewers.
 - d. Sludge reuse, treatment, and disposal facilities.
 - e. Septage handling, marine vessel pump out, and treatment facilities.

2. Non-Point Source (NPS) Projects
 - a. Watershed planning/assessment or implementation of projects needed to restore NPS impaired waters.
 - b. Cesspool replacement with septic tanks, aerobic units, constructed wetlands or treatment plants.
 - c. Equipment purchase of street sweepers and catch basin vacuum vehicles, sediment traps and basins.
 - d. Capping and closure of municipal solid waste landfills, landfill reclamation, landfill leachate collection, storage and treatment, and landfill gas collection and control systems.
 - e. Brownfield projects involving site assessments, underground storage tank removal and disposal, contaminated soil or sediment removal and disposal, capping wells, soil remediation, controlling stormwater runoff, and monitoring groundwater and surface water for contaminants.
 - f. Water quality projects involving leachate and stormwater management at municipal solid waste transfer stations.
 - g. Stormwater management projects.

Project selection is based on the project’s priority ranking as well as its readiness to proceed. Hawaii’s project ranking system, shown in Appendix A, assigns points to potential projects based on various criteria such as whether a project corrects surface water quality impairment, results in energy efficiency, water efficiency, or achieves compliance with a federal or state enforcement issue.

Points for each project are totaled and a *Project Priority List* is compiled (Appendix B) listing projects in the order of highest to lowest priority. However, a significant factor in project selection is the project’s readiness to proceed. If a project is high in priority but not ready to commence, it may be bypassed.

V. Loan Policies

Projects selected for funding are financed based on the useful life of the project or 30 years, whichever is less. The CWSRF may provide Programmatic Financing loans to interested

Counties. If there are sufficient CWSRF funds, 100% of eligible project costs are financed. Projects are subject to an annual interest rate of 0.25% and a semi-annual loan fee of 0.5%. This results in a total loan rate of about 1.25% which remains fixed over the life of the loan. At the end of each state fiscal year, current rates are evaluated to determine if adjustments are needed.

VI. Financial Management

Table 5 shows projections for SFY 2018 sources and uses of funds. Included in the fund sources are loan fees which are classified as either "program" or "non-program." *Program fees* cover activities directly related to administering the Hawaii CWSRF Program such as issuing and servicing loans, engineering support, financial and legal consultation, and reimbursement for relevant services provided by the State. All non-program loan fees that will be collected in SFY18 will be used to pay for personnel expenses. There will be no excess fees available to fund other activities.

As allowed in accordance with the Federal Water Pollution Control Act (FWPCA) section 603(d)(7), the Hawaii CWSRF Program will be utilizing 1/5 percent per year of the current valuation of the fund to cover administrative expenses for Program activities. The current valuation of the fund is \$501,721,450. For SFY 2018, the CWSRF Program plans to use \$1,003,400 from the fund to cover activities directly related to administering the CWSRF Program.

Non-program fees cover various water quality program activities, including operation and maintenance inspections of wastewater pollution control facilities (45%), the recycled water program (5.5%), the bio-solids program (11%), oversight of commercial animal feeding and processing operations (5.5%), and other water quality program activities (33%).

For SFY2018, \$315,000 is projected to fund EPA in-kind services for the development of a FOCUS cashflow model and implementation of management study recommendations and Loans & Grants Tracking System by Northbridge Environmental Management Consultants. An additional \$600,000 will be used to fund EPA in-kind services for the development of a fiscal sustainability plan for the County of Hawaii.

Table 5: Sources and Uses of 2018 Funds		
SFY 2018 Projected Fund Sources		
Federal Capitalization Grant, FFY 2017		10,348,000
State Match of 20% projected for Feb. 2018		2,069,600
Loan funds available, end of SFY 2017		85,751,541
Loan repayments		30,653,600
Investment Interest		929,700
Program Fees		0
Non-Program Fees		1,525,900
1/5 % of Net Assets		1,003,400
	Total Sources	132,281,741
SFY 2018 Projected Uses		
Executed Loans		80,733,482
EPA in-kind services		915,000
Administrative Expenses		2,529,300
	Total Uses	84,177,782

Table 6 shows the capitalization grant payment and disbursement projections based on a grant award date of October 2017, and a state match date of March 2018.

Table 6: Capitalization Grant Payments and Disbursements				
FFY	Quarter	Period	Application for EPA Payments	ASAP Draws
2018	1	Oct. - Dec. 2017	10,348,000	0
2018	2	Jan. - Mar. 2018	0	10,348,000
2018	3	Apr. - Jun. 2018	0	0
2018	4	Jul. - Sep. 2018	0	0
2019	1	Oct. - Dec. 2018	0	0
2019	2	Jan. - Mar. 2019	0	0
2019	3	Apr. - Jun. 2019	0	0
2019	4	Jul. - Sep. 2019	0	0
		TOTAL	10,348,000	10,348,000

Note: ASAP is the Automated Standard Application for Payments.

VII. Other Requirements of the Act

The following commitments are intended to meet specific requirements of the Act:

1. Section 602(a) - Environmental Reviews: The State of Hawaii (State) will oversee environmental reviews as provided in *Hawaii Revised Statutes, Chapter 343, Environmental Impact Statements* and as outlined in *A Guidebook for the Hawaii State Environmental Review Process*. These procedures were adopted and outlined in the Operating Agreement and the Policy for Implementing the State Revolving Fund, as agreed upon by the Department and EPA.
2. Section 602(b)(2) - State Matching Funds: The State agrees to deposit into the CWSRF from state monies an amount equal to 20 percent of the amount of each EPA grant payment on or before the date on which the State receives each grant award payment.
3. Section 602(b)(3) - Binding Commitments: The State will enter into binding commitments for 120 percent of each quarterly payment within one year after receipt of each quarterly payment.
4. Section 602(b)(4) - Expeditious and Timely Expenditures: The State will expend all funds in the CWSRF in a timely and expeditious manner.
5. Section 602(b)(7) - State Laws and Procedures: The State agrees to expend each quarterly grant payment in accordance with its laws and procedures.
6. Consistency with Planning: The State agrees that it will not provide assistance to any project unless that project complies with all agreements and is consistent with plans developed under Sections 208, 303(e), 319, or 320 of the Act.
7. National Reporting Needs: The State agrees to provide data or information to EPA as required for national reports and Congressional or public inquiries.

**APPENDIX A
CWSRF PROJECT RANKING CRITERIA**

HAWAII DEPARTMENT OF HEALTH PRIORITY SYSTEM POLICIES

I. General Policy

The State priority system describes the criteria and method used to rank wastewater pollution control projects considered eligible for SRF funding assistance. The Department of Health (DOH) gives high priority to projects protecting water quality and contributing to the Green Project Reserve and/or sustainability issues such as water reuse, energy efficiency, renewable energy, and environmentally innovative technologies. DOH also funds projects to achieve compliance with enforcement issues and considers the need for the project.

II. Project Priority List and Project Selection

The loan applicant submits a *Proposed Project for SRF Funding Form* (Form D-1) for each new project to be considered for funding. The applicant provides a project description and checks off all criteria applicable to the project. Each criterion is assigned a specific number of points. Points for each project are totaled and eligible projects are compiled into a *Project Priority List* in the order of the project's ranking, with highest priority going to those projects with the highest number of points.

Generally, proposed projects will be prioritized in the following order:

1. Water quality protection projects that correct surface water quality impairment or eliminate/prevent ground water contamination.
2. Green projects which promote water reuse, energy efficiency, renewable energy, sludge reuse, sustainable infrastructure, and/or environmentally innovative technologies.
3. Enforcement-related projects which are necessary to achieve compliance with a federal or state compliance issue, consent decree, or court order.
4. Project need is also considered. Points are awarded for secondary treatment, sewer rehabilitation, non-point source issues, and stormwater management.

Project selection is based on the project's ranking, the project's readiness to proceed to construction, and the amount of funds available for the particular fiscal year. If additional SRF funds are available later in the fiscal year, projects are selected for funding from the current *Project Priority List*. A project on the list may be bypassed if the project is not ready to proceed when the funding is available.

III. Ranking Projects with an Equal Number of Points

In the event that two or more projects have the same number of points, project selection will be based on the following tie-breaking criteria:

1. First criterion: Priority given to the project whose county has not had an SRF project selected for funding. If this applies to more than one county, the second criterion will be used.
2. Second criterion: Project serving the largest population will have priority.

IV. Intended Use Plan

The Priority List and selection of projects intended to be funded are included in the annual Intended Use Plan (IUP) which describes the intended use of federal and state funds available to the program for the upcoming fiscal year.

The IUP is subject to a 30-day public comment period during which time the public is encouraged to participate and comment on the IUP. At the conclusion of the comment period, DOH may revise the IUP as necessary, depending on the comments received. The final IUP is then provided to all loan applicants and to the EPA.

PROPOSED PROJECT FOR SRF FUNDING FORM

State Fiscal Year 20__

Project Title: _____
 County/Applicant: _____
 Estimated Cost: _____ Estimated Start Date: _____

Project Description:

Place an "X" next to each item that applies. The project description must contain information supporting the applicable items.

1. Water Quality Protection		
	Corrects surface water quality impairment or eliminates/prevents ground water contamination.	12 pts.
2. Green Infrastructure		
	a. Water reuse facility providing R1 or R2 water and/or reuse transmission and/or distribution system.	10 pts.
	b. Energy Efficiency or Renewable Energy: Uses energy efficient components (e.g.: motors, pumps, blowers, photovoltaic panels, etc.) that reduce energy consumption of a major component by 20% or more; or provides for renewable energy (methane conversion, etc.) or other environmentally innovative technologies (such as hydroelectric turbine at outfall line to generate electricity).	8 pts.
	c. Promotes sustainable infrastructure to withstand the effects of rising sea levels due to climate change and provides adaptation for coastline inundation.	7 pts.
	d. Treats wastewater sludge for reuse.	7 pts.
	e. Energy audit.	3 pts.
3. Compliance and Enforcement		
	Project necessary to achieve compliance with federal or state compliance issue, consent decree, or court order.	5 pts.
4. Project Need		
	a. Secondary treatment for wastewater treatment plant.	4 pts.
	b. Sewer collection system rehabilitation or replacement, infiltration/inflow correction.	4 pts.
	c. Large capacity cesspool and landfill liner projects.	4 pts.
	d. Stormwater equipment, wastewater facilities.	3 pts.

Total Points (for office use):

Appendix B: Hawaii - Project Priority List For SFY 2018

Priority Ranking	Project Number	Borrower	Project Name	Estimated Eligible Amount	Points	Estimated Start Date
1	C150090-07	County of Hawaii	Na'alehu Wastewater Sewage Transmission, Wastewater Treatment and Disposal System	12,000,000.00	33	10/1/2019
2	C150059-20	County of Kauai	Lihue WWTP Process Improvements	5,500,000.00	28	1/1/2019
3	C150054-51	County of Maui	Lahaina Wastewater Reclamation Facility UV Expansion	6,000,000.00	27	1/1/2022
4	NPS0048-01	City and County of Honolulu - FM	Ala Wai Golf Course Access Road and Parking Lot Improvements - NPDES Small MS4 Permit Program	4,500,000.00	24	4/1/2017
5	C150048-08	City and County of Honolulu - ENV	Kamehameha Highway WWPS Force Main System Improvements	14,000,000.00	24	6/1/2018
6	NPS0048-02	City and County of Honolulu - FM	Storm Drainage BMP Improvements for the Ala Wai Canal	2,800,000.00	24	12/1/2018
7	C150059-21	County of Kauai	Island-wide Sewage Collection System Sustainability Plan	1,000,000.00	23	7/1/2018
8	C150052-58	County of Maui	Countywide Satellite Recycled Water Facilities	25,000,000.00	23	9/1/2021
9	NPS0052-64	County of Maui	Central Maui Landfill Phase V-B Extension	3,625,000.00	21	1/1/2018
10	C150048-06	City and County of Honolulu - ENV	Dowsett Highlands Relief Sewer	110,000,000.00	21	7/1/2018
11	NPS0047-12	County of Kauai	Kekaha Landfill Lateral Expansion Cell 2	18,600,000.00	21	7/1/2018
12	C150048-05	City and County of Honolulu - ENV	Palolo Valley Sewer Rehabilitation, Sewer Relief	7,000,000.00	21	7/1/2018
13	C150051-79	City and County of Honolulu - ENV	Pearl City Wastewater Pump Station Upgrades	15,000,000.00	20	12/1/2018
14	C150090-08	County of Hawaii	Pahala Wastewater Collection System	5,000,000.00	19	6/1/2020
15	C150051-76	Honolulu Board of Water Supply	Honouliuli Water Recycling Facility R-1 Pre-Treatment and UV Disinfection Improvements	6,333,482.00	18	7/1/2015
16	C150077-16	County of Maui	South Maui Recycled Water System Expansion (2nd Tank)	6,500,000.00	18	4/1/2017
17	C150052-25	County of Maui	Wailuku-Kahului Recycled Water Force Main	6,200,000.00	18	1/1/2020
18	C150052-24	County of Maui	Wailuku-Kahului Wastewater Reclamation Facility Upgrade to R-1	18,000,000.00	18	1/1/2021
19	NPS0048-04	City and County of Honolulu - FM	Ala Wai Golf Course Driving Range Improvements - NPDES Small MS4 Permit Program	1,500,000.00	17	12/1/2015
20	C150054-22	County of Maui	Lahaina Wastewater Reclamation Facility Modifications, Stage 1A	49,000,000.00	17	12/1/2016

Appendix B: Hawaii - Project Priority List For SFY 2018

21	C150077-24	County of Maui	Kihei No. 16 Pump Station Rehabilitation and Force Main Replacement	5,500,000.00	17	12/1/2016
22	C150052-50	County of Maui	Waiehu Wastewater Pump Station Force Main Replacement	1,300,000.00	17	12/1/2016
23	NPS0052-62	County of Maui	Central Maui Landfill (CML) Phase V Gas Collection System Expansion	2,500,000.00	17	12/15/2016
24	C150054-44	County of Maui	Napili No. 5 and 6 Force Main Replacements	3,200,000.00	17	7/1/2017
25	C150054-49	County of Maui	Napili Wastewater Pump Station No. 5 Modifications	2,300,000.00	17	9/1/2017
26	C150054-50	County of Maui	Napili Wastewater Pump Station No. 6 Modifications	2,300,000.00	17	9/1/2017
27	NPS0062-42	County of Hawaii	South Hilo Sanitary Landfill Final Closure	20,000,000.00	17	10/1/2017
28	NPS0059-25	County of Kauai	BMP Improvements at Various Refuse Stations	7,000,000.00	17	12/1/2017
29	NPS0062-45	County of Hawaii	Hilo Transfer Station Leachate Collection System	2,000,000.00	17	1/1/2018
30	C150080-35	County of Hawaii	Kealakehe Wastewater Treatment Plant R-1 Upgrade	54,000,000.00	17	6/15/2018
31	C150055-10	County of Kauai	Wailua WWTP NPDES Compliance Improvements	5,000,000.00	17	7/1/2019
32	NPS0062-46	County of Hawaii	Solid Waste Transfer Station (East Hawaii Locations) Leachate Collection System	10,000,000.00	17	1/1/2020
33	C150054-48	County of Maui	Napili Wastewater Pump Station No. 4 Modifications	3,800,000.00	17	1/1/2020
34	NPS0062-44	County of Hawaii	East Hawaii Regional Sort Station Leachate Collection System	2,000,000.00	17	1/1/2020
35	NPS0080-38	County of Hawaii	Solid Waste Transfer Station (West Hawaii Locations) Leachate Collection System	5,000,000.00	17	1/1/2021
36	C150052-63	County of Maui	Sprecklesville Force Main Replacement	3,600,000.00	17	1/1/2022
37	C150077-28	County of Maui	Kihei No. 8 Force Main Replacement	1,800,000.00	17	1/1/2022
38	C150077-27	County of Maui	Kihei No. 6 Force Main Replacement	6,000,000.00	17	12/1/2023
39	C150052-59	County of Maui	Countywide Wastewater Reclamation Facility (WWRF) Chlorination System Upgrade	2,000,000.00	16	6/1/2017
40	C150059-22	County of Kauai	Hanama'ulu Sewage Collection System Rehabilitation	3,000,000.00	16	4/1/2018
41	C150048-03	City and County of Honolulu - ENV	Sand Island Wastewater Treatment Plant - Ultraviolet Disinfection Replacement	22,000,000.00	16	8/1/2019

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42	C150059-24	County of Kauai	Lihue WWTP Digester Upgrades	6,500,000.00	15	7/1/2018
43	C150054-46	County of Maui	West Maui Recycled Water Expansion	14,000,000.00	15	9/1/2018
44	C150054-36	County of Maui	West Maui Recycled Water Expansion Kaanapali Resort R-1 Water Distribution System	7,000,000.00	15	9/1/2019
45	C150054-47	County of Maui	Honoapiilani Highway Lateral Installation	1,000,000.00	15	9/1/2020
46	C150048-07	City and County of Honolulu - ENV	Sand Island WWTP - UV Disinfection and Effluent Pump Station Odor Control System	10,000,000.00	13	6/1/2017
47	C150051-78	City and County of Honolulu - ENV	Honouliuli Influent Pump Station Odor Control System	10,000,000.00	13	6/1/2017
48	NPS0090-06	County of Hawaii	Na'alehu Sewage Pump Station	750,000.00	13	10/1/2019
49	C150054-45	County of Maui	Napili Wastewater Pump Station No. 3 Modifications	4,200,000.00	13	1/1/2020
50	C150054-41	County of Maui	Napili Wastewater Pump Station No. 1 Modifications	6,800,000.00	13	9/1/2020
51	C150054-43	County of Maui	Napili Wastewater Pump Station No. 2 Modifications	4,800,000.00	13	9/1/2020
52	C150059-23	County of Kauai	Hanama'ulu and Kapaia SPS Renovations	3,000,000.00	12	7/1/2017
53	C150055-06	County of Kauai	Wailua SPS #3 Rehabilitation	3,000,000.00	12	7/1/2018
54	C150052-60	County of Maui	Wailuku-Kahului Wastewater Reclamation Facility Solids Buliding Renovation	1,000,000.00	11	4/1/2017
55	C150062-24	County of Hawaii	Hilo Facilities Concreate Rehabilitation	10,000,000.00	11	1/1/2018
56	C150080-17	County of Hawaii	North Kona Sewer and Effluent Reuse - Phase 1	4,500,000.00	10	3/1/2016
57	C150077-25	County of Maui	Kulanihakoi Street Recycled Water Line Extension	1,700,000.00	10	1/1/2017
58	C150051-77	Honolulu Board of Water Supply	East Kapolei 215 R-1 Reservoir and Transmission Main	16,500,000.00	10	7/1/2017
59	C150047-09	County of Kauai	Waimea R-1 Wastewater Distribution System Upgrades	3,000,000.00	10	7/1/2018
60	C150055-08	County of Kauai	Wailua Wastewater Treatment Plant Improvements - Phase II	14,000,000.00	10	1/1/2019
61	C150080-31	County of Hawaii	North Kona Sewer and Effluent Reuse - Phase 2	20,000,000.00	10	12/1/2019
62	C150054-40	County of Maui	Honokowai R-1 Distribution System Expansion	2,000,000.00	10	9/1/2021

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63	C150048-00	City and County of Honolulu - ENV	Ala Moana Wastewater Pump Station Force Mains #3 and #4	120,000,000.00	9	3/1/2014
64	C150054-42	County of Maui	Napili No. 4 Force Main Replacement	1,800,000.00	9	9/1/2018
65	NPS0090-05	County of Hawaii	Pahala Large Capacity Cesspool Conversion	12,000,000.00	9	12/1/2018
66	NPS0080-37	County of Hawaii	West Hawaii Sanitary Landfill Gas Collection and Control System Expansion	1,000,000.00	9	1/1/2019
67	NPS0090-04	County of Hawaii	Na'alehu Wastewater Collection System	7,000,000.00	9	4/1/2019
68	C150077-26	County of Maui	Sorth Kihei Road Gravity System Capacity Upgrade	4,000,000.00	9	9/1/2019
69	C150051-74	City and County of Honolulu - ENV	Waipahu Wastewater Pump Station Force Main	64,000,000.00	9	12/1/2020
70	C150054-35	County of Maui	Sheraton Wastewater Pump Station Modifications	1,000,000.00	8	1/1/2017
71	C150046-96	City and County of Honolulu - ENV	Kamehameha Highway Wastewater Pump Station Upgrade	6,000,000.00	8	7/1/2017
72	C150046-91	City and County of Honolulu - ENV	Kahanahou Wastewater Pump Station Upgrade and Sewer Improvements	12,000,000.00	8	9/1/2017
73	C150046-98	City and County of Honolulu - ENV	Waikapoki Wastewater Pump Station Upgrade	8,000,000.00	8	9/1/2017
74	C150062-37	County of Hawaii	Pua Sewage Pump Station - Pump Replacement	6,000,000.00	8	12/1/2017
75	C150080-21	County of Hawaii	Project 19 Sewer Pump Station Renovation	1,500,000.00	8	1/1/2018
76	C150080-33	County of Hawaii	Kealakehe Wastewater Treatment Photovoltaic System	4,600,000.00	8	7/1/2018
77	C150046-90	City and County of Honolulu - ENV	Heeia Wastewater Pump Station Improvements	5,000,000.00	8	12/1/2020
78	C150077-19	County of Maui	Kihei Wastewater Pump Station No. 2 Modifications	1,250,000.00	8	9/1/2022
79	C150077-21	County of Maui	Kihei Wastewater Pump Station No. 5 Modifications and Force Main	4,250,000.00	8	1/1/2024
80	NPS00C0-07	City and County of Honolulu - FM	Kapolei Corporation Yard Dewatering Facility	3,000,000.00	7	7/1/2017
81	NPS0080-24	County of Hawaii	Kealakehe Scrap Metal Yard Remediation	5,300,000.00	4	7/1/2016
82	C150054-31	County of Maui	Hawaiian Homes Force Main Replacement	2,240,000.00	4	10/1/2016
83	NPS0062-29	County of Hawaii	Hilo Scrap Metal Yard Remediation	7,000,000.00	4	7/1/2017

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84	C150062-26	County of Hawaii	Primary Sludge Pump and DAFT Retrofit	3,000,000.00	4	7/1/2017
85	C150060-07	County of Hawaii	Kulaimano & Papaikou Dewatering and Barminutor Replacement	2,700,000.00	4	9/1/2017
86	C150050-12	County of Kauai	Eleele Subdivision Collection System Rehabilitation	2,500,000.00	4	1/1/2018
87	C150062-35	County of Hawaii	Modify Septage Station at Hilo Wastewater Treatment Plant	1,600,000.00	4	1/1/2018
88	C150055-09	County of Kauai	Coco Palms Sewer Collection System Odor Control Improvements	1,000,000.00	4	1/1/2018
89	C150062-43	County of Hawaii	Pua Force Main Installation and Rehabilitation	16,100,000.00	4	3/1/2018
90	C150062-25	County of Hawaii	Modify Hilo Wastewater Treatment Plant Digester	7,000,000.00	4	6/1/2018
91	C150062-14	County of Hawaii	Wailoa Forcemain Replacement	7,000,000.00	4	7/1/2018
92	C150062-16	County of Hawaii	Kaumana Gardens Sewer	5,000,000.00	4	7/1/2018
93	C150080-34	County of Hawaii	Ainako Interceptor, Phase II	3,000,000.00	4	7/1/2018
94	C150062-33	County of Hawaii	Pua Wastewater Pump Station Odor Control Renovation	1,000,000.00	4	7/1/2018
95	C150054-32	County of Maui	Napili No. 3 Force Main Replacement	1,800,000.00	4	9/1/2018
96	C150062-12	County of Hawaii	Kalaniana'ole Avenue Collection System Phase II	4,000,000.00	4	7/1/2019
97	NPS0062-21	County of Hawaii	Ainako-aina Nani Subdivision Sewer	4,000,000.00	4	7/1/2019
98	C150054-39	County of Maui	Napili No. 2 Force Main Replacement	1,000,000.00	4	9/1/2019
99	C150054-38	County of Maui	Napili No. 1 Force Main Replacement	2,700,000.00	4	1/1/2020
100	C150055-03	County of Kauai	Kapaa Town-Waipouli Collections System	5,000,000.00	4	7/1/2020
101	C150062-31	County of Hawaii	Lanihau Wastewater Pump Station Force Main Replacement	4,000,000.00	4	7/1/2020
102	C150062-17	County of Hawaii	Puueo Collection System	3,000,000.00	4	7/1/2020
103	C150080-30	County of Hawaii	Hale Halawai Wastewater Pump Station Force Main Replacement	2,500,000.00	4	7/1/2020
104	C150050-15	County of Kauai	Hanapepe Heights Collection System	2,300,000.00	4	7/1/2020

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105	NPS0052-52	County of Maui	Construction of Phase IV Final Closure at Central Maui Landfill	2,250,000.00	4	7/1/2020
106	C150046-97	City and County of Honolulu - ENV	Pacific Palisades Wastewater Pump Station, Force Main and Alternative Diversion Sewer Line	10,000,000.00	4	12/1/2020
107	C150077-29	County of Maui	North Kihei Mauka Transmission System	15,000,000.00	4	1/1/2021
108	C150052-20	County of Maui	Waiko Road Subdivision Sewer System	2,000,000.00	4	1/1/2021
109	C150062-27	County of Hawaii	Reed's Island Collector System	3,500,000.00	4	7/1/2021
110	C150041-06	County of Maui	Kaunakakai Effluent Force Main Replacement	1,900,000.00	4	9/1/2021
111	C150046-99	City and County of Honolulu - ENV	Ewa Beach Sewers, Section 4, Improvement District	22,000,000.00	4	12/1/2021
112	C150080-22	County of Hawaii	Upgrade Ali'i Drive Sewer System	4,000,000.00	4	7/1/2022
113	C150052-57	County of Maui	Maui Meadows Sewer System	24,000,000.00	4	3/1/2024
114	C150059-14	County of Kauai	Kupolo Collection System	7,000,000.00	4	7/1/2024
				1,074,398,482.00		

**APPENDIX C
SUMMARY OF PUBLIC COMMENTS**

I. Public Participation

Pursuant to 40 CFR 35.3150, this proposed *Intended Use Plan*, as well as a public notice soliciting public comments, were posted from April 1, 2017 through April 30, 2017 on the Hawaii CWSRF website at <http://hawaii.gov/wastewater/cwsrf.html>.

II. Testimony and Comments

During the thirty-day public comment period described above, it was determined that \$600,000 would be needed to fund EPA in-kind services for the development of a fiscal sustainability plan for the County of Hawaii. The IUP was updated to incorporate this change.

III. Summary

No comments on this *Intended Use Plan* were received in response to solicitation for public input.



SINA PRUDER, P.E., CHIEF
Wastewater Branch