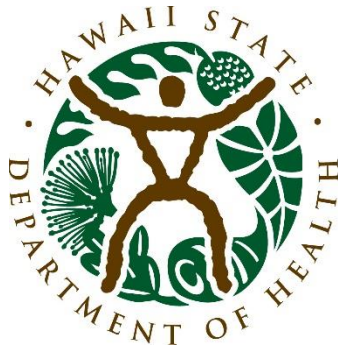


State of Hawaii
Water Pollution Control Revolving Fund
also known as the
Clean Water State Revolving Fund (CWSRF)

Amendment 1
to the
Intended Use Plan
for State Fiscal Year (SFY) 2021
and Federal Fiscal Year (FFY) 2020 Appropriation



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

Prepared by the
State of Hawaii
Department of Health
Environmental Management Division
Wastewater Branch

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Amendment 1 to the Intended Use Plan (IUP) for SFY 2021

The IUP for SFY 2021 has been amended to reflect the following changes:

- The project C150090-06: Nā'ālehu Sewage Pump Station and Force Main was removed from Table 1: CWSRF Projects to be Funded in SFY 2021 because it will not be funded in SFY 2021.

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 (4) counties to construct high priority wastewater, stormwater, and non-point source projects. Since its establishment in 1988, the program has issued over \$1.031 billion 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) 2020 Appropriations Act.

II. FFY 2020 Project Funding Requirements and Project Selection

Hawaii is expected to receive a federal capitalization grant of \$12,308,000.00 under the FFY 2020 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 products 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 an FSP or certify that the recipient has developed and implemented an FSP that includes:
 - a. an introduction indicating who the document is prepared for and stating the purpose of the document;
 - b. an asset inventory of critical assets that are a part of the treatment works, which includes, but is not limited to:
 - i. type of asset;
 - ii. installation date;
 - iii. asset condition;
 - iv. estimated useful remaining life;
 - v. service history;

- c. an evaluation of the condition and performance of inventoried assets or asset groupings;
 - d. a certification that the recipient has evaluated and will be implementing water and energy conservation efforts as part of the plan; and
 - e. a fiscal 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 \$1,230,800.00 to be allocated to the GPR. *Table 1* shows how this requirement will be met.
5. Additional Subsidization: The Hawaii CWSRF program will provide 10% of the capitalization grant as additional subsidization (ad sub) for the FFY 2020 Appropriation, as required. This amounts to \$1,230,800.00 to be allocated for ad sub.
6. Davis-Bacon: The Davis-Bacon Act shall apply to any construction of a 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:
 - a. Single audit Act (OMB 2 CFR 200, Subpart F)
 - b. Disadvantaged Business Enterprise (DBE) compliance
 - c. 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 Guidelines for Enhancing Public Awareness of SRF Assistance Agreements (aka "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 State Fiscal Year (SFY) SFY 2021 by implementing the method which best balances the following two (2) goals:
 - a. The sign will satisfy the overall objective of communicating EPA's role in funding assistance agreements that achieve positive benefit.
 - b. The implementation method should be practically and financially viable for states and communities and avoid any overly burdensome investment of time and resources.

Signage requirements will be considered an equivalency requirement for SRF programs and will not be required to apply to all SRF projects. The guidelines provide the following options as acceptable:

- Standard signage
- Posters, wall signage, or brochures in a public building or location
- Newspaper/periodical advertisement or press release for project construction, groundbreaking ceremony, or operation of the new or improved facility
- Online signage placed on community website or social media outlet

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 USC 1101 *et seq.* will be provided with our capitalization grant application for SFY 2021.

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 following:

- a. Hawaii State Environmental Review Process (SERP), which includes:
 - i. the environmental decision document (e.g. prior decision document, exempt project declaration, environmental assessment, or environmental impact statement);
 - ii. the eighteen (18) environmental cross-cutting authorities such as the consultation process under Section 106 of the National Historic Preservation Act, Section 7 of the Endangered Species Act, etc.
- b. AIS requirement, and
- c. Davis-Bacon requirement.

Table 1 (on next page) lists projects that Hawaii CWSRF plans to fund in SFY 2021. 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 2021

| Project No./ Subrecipient/ Project Name | Planned Binding Commitment/ Encumbrance | Estimated Loan Amount | GPR/ Ad Sub | FFATA |
|--|--|-----------------------------|---------------------|----------------------|
| <u>59-20: Kaua'i</u> Lihue WWTP Process Improvements | 7/15/2020 | \$ 4,245,430 | | |
| <u>48-06: Honolulu-ENV</u> Dowsett Highlands Relief Sewer [Supplemental 1] | 7/15/2020 | \$ 20,112,602 | | |
| <u>80-35: Hawai'i</u> Kealakehe Wastewater Treatment Plant R-1 Upgrade [Supplemental 2] {Design Outside Fence} | 7/15/2020 | \$ 2,519,231 | | |
| <u>NPS80-24: Hawai'i</u> Kealakehe Scrap Metal Yard Remediation [Supplemental 1] {Construction 2 of 2} | 7/15/2020 | \$ 2,019,063 | | |
| <u>NPS47-12: Kaua'i</u> Kekaha Landfill Lateral Expansion Cell 2 [Supplemental 2] {CQA} | 7/15/2020 | \$ 745,222 | | |
| <u>90-05: Hawai'i</u> Pāhala Large Capacity Cesspool Conversion {Design 1 of 2} | 7/15/2020 | \$ 2,000,000 | | |
| <u>59-23: Kaua'i</u> Hanamā'ulu and Kapaia SPS Renovations | 8/15/2020 | \$ 4,000,000 | | |
| <u>77-24: Maui</u> Kihei No. 16 Pump Station Rehabilitation and Force Main Replacement [Supplemental 1] | 8/15/2020 | \$ 2,000,000 | | |
| <u>54-22: Maui</u> Lahaina Wastewater Reclamation Facility Modifications, Stage 1A [Supplemental 2] | 8/15/2020 | \$ 3,000,000 | | \$ 3,000,000 |
| <u>90-07: Hawai'i</u> Nā'ālehu Wastewater Treatment and Disposal System and Drainage Modifications | 9/15/2020 | \$ 2,000,000 | | |
| <u>59-25: Kaua'i</u> BMP Improvements at Various Refuse Transfer Stations | 10/15/2020 | \$ 7,000,000 | \$ 1,230,800 | \$ 7,000,000 |
| <u>62-31: Hawai'i</u> Lanihau Wastewater Pump Station Force Main Replacement | 10/15/2020 | \$ 1,500,000 | | |
| <u>62-37: Hawai'i</u> Pua Sewage Pump Station Renovations | 11/15/2020 | \$ 1,500,000 | | |
| <u>59-28: Kaua'i</u> Lihue WWTP Upgrades {Design} | 11/15/2020 | \$ 2,500,000 | | \$ 2,308,000 |
| <u>55-11: Kaua'i</u> Wailua Sewage Pump Station (SPS) No. 1 Rehabilitation | 11/15/2020 | \$ 2,700,000 | | |
| <u>50-12: Kaua'i</u> Eleele Subdivision Collection System Rehabilitation | 11/15/2020 | \$ 2,500,000 | | |
| <u>62-43: Hawai'i</u> Pua Force Main Installation and Rehabilitation | 12/15/2020 | \$ 3,500,000 | | |
| <u>55-06: Kaua'i</u> Wailua SPS #3 Rehabilitation | 2/15/2021 | \$ 3,000,000 | | |
| <u>77-32: Maui</u> Kihei No. 7 Force Main Replacement | 4/15/2021 | \$ 1,800,000 | | |
| <u>77-28: Maui</u> Kihei No. 8 Force Main Replacement | 4/15/2021 | \$ 2,400,000 | | |
| <u>54-48: Maui</u> Napili Wastewater Pump Station No. 4 Modifications | 4/15/2021 | \$ 3,800,000 | | |
| <u>52-69: Maui</u> Wailuku-Kahului Environmental Protection Agency (EPA) Compliance Sewer Rehabilitation | 4/15/2021 | \$ 2,000,000 | | |
| <u>62-48: Hawai'i</u> Hilo Biotower Pump Station Renovation | 4/15/2021 | \$ 4,000,000 | | |
| <u>51-81: Honolulu-ENV</u> Honouliuli WWTP Secondary Treatment Phase 1B - Secondary Compliance Facilities [Supplemental 1] | 5/15/2021 | \$ 4,975,267 | | |
| TOTAL | | \$ 85,816,815 | \$ 1,230,800 | \$ 12,308,000 |

III. Long-Term and Short-Term Goals

The Hawaii CWSRF Program has developed long-term and short-term goals, listed in *Table 2* and *Table 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 all 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.5. Prepare a strategic outreach/marketing plan and project planning process and procedures to address the slow rate of readiness by assistance recipients to enter into commitment agreements, and to establish a sustainable pipeline of projects. |
|---|

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 – Hawaii – Project Priority List for SFY 2021). 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 MS4 projects.

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

Table 4: Project Eligible for CWSRF Funding

| |
|---|
| <ol style="list-style-type: none">1. Point Source Projects:<ol style="list-style-type: none">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:<ol style="list-style-type: none">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, catch basin vacuum vehicles, and 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 – CWSRF Project Ranking Criteria, 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 – Hawaii – Project Priority List for SFY 2021) 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, then it may be bypassed.

V. Loan Policies

Projects selected for funding are financed based on no more than 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, then 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 2021 sources and uses of funds. Included in the fund sources are loan fees, which are classified as either "program" or "non-program". Program loan 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 SFY 2021 will be used to pay for personnel and operating expenses (e.g. salaries, supplies, travel, equipment, etc.). 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 \$536,537,739. For SFY 2021, the CWSRF Program plans to use \$1,073,100 from the fund to cover activities directly related to administering the CWSRF Program.

Non-program loan 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 concentrated animal feeding operations (5.5%), and other water quality program activities (33%).

Table 5: Sources and Uses of SFY 2021 Funds

| SFY 2021 Projected Fund Sources | |
|--|----------------------|
| Loan funds available, end of SFY 2020 | \$ 33,938,515 |
| Federal Capitalization Grant, FFY 2020 | \$ 12,308,000 |
| State Match of 20% projected for Feb. 2021 | \$ 2,461,600 |
| Loan repayments | \$ 35,197,600 |
| Investment Interest | \$ 1,911,100 |
| Program Fees | \$ - |
| Non-Program Fees | \$ 2,030,800 |
| 1/5 % of Net Assets | \$ 1,073,100 |
| Total Sources | \$ 88,920,715 |
| SFY 2021 Projected Uses | |
| Executed Loans | \$ 85,816,815 |
| Administrative Expenses | \$ 3,103,900 |
| Total Uses | \$ 88,920,715 |

Table 6 shows the capitalization grant payment and disbursement projections based on an anticipated FFY 2020 capitalization grant award date of October 2020, and a state match date of December 2020.

Table 6: Capitalization Grant Payments and Disbursements for FFY 2020

| FFY | Quarter | Period | Application for EPA Payments | | ASAP Draws | |
|--------------|----------------|------------------|---|-------------------|-----------------------|-------------------|
| 2021 | 1 | Oct. - Dec. 2020 | \$ | - | \$ | - |
| 2021 | 2 | Jan. - Mar. 2021 | \$ | - | \$ | - |
| 2021 | 3 | Apr. - Jun. 2021 | \$ | - | \$ | - |
| 2021 | 4 | Jul. - Sep. 2021 | \$ | - | \$ | - |
| 2022 | 1 | Oct. - Dec. 2021 | \$ | - | \$ | - |
| 2022 | 2 | Jan. - Mar. 2022 | \$ | - | \$ | - |
| 2022 | 3 | Apr. - Jun. 2022 | \$ | 12,308,000 | \$ | 12,308,000 |
| 2022 | 4 | Jul. - Sep. 2022 | \$ | - | \$ | - |
| TOTAL | | | \$ | 12,308,000 | \$ | 12,308,000 |

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 conduct environmental reviews in accordance with the State Environmental Review Process Document that was approved by EPA on February 20, 2018.
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)* (see Figure 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 Project 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.

Figure 1: Proposed Project for SRF Funding Form (Form D-1)

PROPOSED PROJECT for SRF FUNDING FORM
 State Fiscal Year _____

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 (e.g. hydroelectric turbine at outfall line to generate electricity) to reduce energy consumption of the plant or major component by 20% or more. | 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. Provides for wastewater sludge 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 DOH use) | |
|----------------------------|--|

Form D-1, revised Dec. 2011

Appendix B - Hawaii - Project Priority List SFY 2021

| Priority Ranking | Project Number | Borrower | Project Name | Estimated Eligible | | Estimated Start Date |
|------------------|----------------|------------------|---|--------------------|--------|----------------------|
| | | | | Amount | Points | |
| 1 | C150059-20 | County of Kauai | Lihue WWTP Process Improvements | 5,500,000.00 | 28 | 2/1/2020 |
| 2 | C150054-51 | County of Maui | Lahaina Wastewater Reclamation Facility R-1 Process Expansion | 6,000,000.00 | 27 | 1/1/2022 |
| 3 | C150054-53 | County of Maui | Lahaina Recycled Water Force Main Construction/Rehabilitation | 5,000,000.00 | 26 | 1/1/2027 |
| 4 | C150090-08 | County of Hawaii | Pāhala Wastewater Collection System | 15,000,000.00 | 25 | 3/1/2020 |
| 5 | C150090-04 | County of Hawaii | Nā'ālehu Wastewater Collection System | 20,000,000.00 | 25 | 4/1/2020 |
| 6 | C150052-65 | County of Maui | Wailuku-Kahului Soil Aquifer Treatment (SAT) Basins | 10,000,000.00 | 24 | 1/1/2022 |
| 7 | C150090-05 | County of Hawaii | Pāhala Large Capacity Cesspool Conversion | 21,500,000.00 | 23 | 3/1/2020 |
| 8 | C150052-66 | County of Maui | Wailuku-Kahului Recycled Water Pump Station | 6,000,000.00 | 23 | 9/1/2021 |
| 9 | C150052-71 | County of Maui | Central Maui Regional Wastewater Reclamation Facility | 21,000,000.00 | 22 | 1/1/2024 |
| 10 | C150052-58 | County of Maui | Countywide Satellite Recycled Water Facilities | 25,000,000.00 | 22 | 9/1/2026 |
| 11 | C150090-07 | County of Hawaii | Nā'ālehu Wastewater Treatment and Disposal System and Drainage Modifications | 47,350,000.00 | 21 | 3/1/2020 |
| 12 | C150052-69 | County of Maui | Wailuku-Kahului Environmental Protection Agency (EPA) Compliance Sewer Rehabilitation | 2,000,000.00 | 21 | 1/1/2021 |
| 13 | C150077-29 | County of Maui | North Kihei Mauka Transmission System | 17,000,000.00 | 19 | 1/1/2022 |
| 14 | C150052-25 | County of Maui | Wailuku-Kahului Recycled Water Force Main | 13,500,000.00 | 18 | 9/1/2020 |
| 15 | C150052-24 | County of Maui | Wailuku-Kahului Wastewater Reclamation Facility (WWRF) Upgrade to R-1 | 18,000,000.00 | 18 | 1/1/2027 |
| 16 | C150059-25 | County of Kauai | BMP Improvements at Various Refuse Transfer Stations | 17,000,000.00 | 17 | 7/1/2020 |
| 17 | NPS0062-46 | County of Hawaii | Solid Waste Transfer Station (East Hawaii Locations) Leachate Collection System | 10,000,000.00 | 17 | 1/1/2021 |
| 18 | NPS0080-38 | County of Hawaii | Solid Waste Transfer Station (West Hawaii Locations) Leachate Collection System | 5,000,000.00 | 17 | 1/1/2021 |
| 19 | C150054-48 | County of Maui | Napili Wastewater Pump Station No. 4 Modifications | 3,800,000.00 | 17 | 1/1/2021 |
| 20 | C150077-28 | County of Maui | Kihei No. 8 Force Main Replacement | 2,400,000.00 | 17 | 1/1/2021 |
| 21 | NPS0062-45 | County of Hawaii | Hilo Transfer Station Leachate Collection System | 2,000,000.00 | 17 | 1/1/2021 |
| 22 | NPS0062-44 | County of Hawaii | East Hawaii Regional Sort Station Leachate Collection System | 2,000,000.00 | 17 | 1/1/2021 |
| 23 | C150077-32 | County of Maui | Kihei No. 7 Force Main Replacement | 1,800,000.00 | 17 | 1/1/2021 |
| 24 | C150077-30 | County of Maui | Kihei No. 3 Force Main Replacement | 4,800,000.00 | 17 | 1/1/2022 |
| 25 | C150077-38 | County of Maui | Kihei Wastewater Pump Station No. 9 Modifications | 2,000,000.00 | 17 | 1/1/2022 |
| 26 | C150055-10 | County of Kauai | Wailua WWTP NPDES Compliance Improvements | 5,000,000.00 | 17 | 2/1/2022 |
| 27 | C150052-63 | County of Maui | Sprecklesville Force Main Replacement | 3,600,000.00 | 17 | 1/1/2023 |
| 28 | C150077-31 | County of Maui | Kihei No. 4 Force Main Replacement | 3,000,000.00 | 17 | 1/1/2023 |
| 29 | C150077-33 | County of Maui | Kihei Wastewater Pump Station No. 3 Modifications | 1,000,000.00 | 17 | 1/1/2023 |
| 30 | C150077-27 | County of Maui | Kihei No. 6 Force Main Replacement | 6,000,000.00 | 17 | 12/1/2023 |
| 31 | C150077-34 | County of Maui | Kihei Wastewater Pump Station No. 4 Modifications | 2,000,000.00 | 17 | 1/1/2024 |
| 32 | C150077-37 | County of Maui | Kihei Wastewater Pump Station No. 8 Modifications | 4,000,000.00 | 17 | 1/1/2025 |

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|----|------------|-----------------------------------|--|----------------|----|-----------|
| 33 | C150077-35 | County of Maui | Kihei Wastewater Pump Station No. 6 Modifications | 6,800,000.00 | 17 | 1/1/2026 |
| 34 | NPS0052-67 | County of Maui | Central Maui Landfill Lateral Expansion | 12,500,000.00 | 16 | 1/1/2020 |
| 35 | C150055-06 | County of Kauai | Wailua SPS #3 Rehabilitation | 3,000,000.00 | 16 | 11/1/2020 |
| 36 | C150059-22 | County of Kauai | Hanama'ulu Sewage Collection System Rehabilitation | 3,000,000.00 | 16 | 3/1/2021 |
| 37 | NPS0059-26 | County of Kauai | Ma'alo Landfill Phase I - Design and Permitting | 6,000,000.00 | 16 | 4/15/2021 |
| 38 | NPS0052-52 | County of Maui | Construction of Phase IV Final Closure at Central Maui Landfill | 4,050,000.00 | 16 | 7/1/2021 |
| 39 | NPS0041-09 | County of Maui | Molokai Integrated Solid Waste Facility Phase 5 | 4,000,000.00 | 16 | 7/1/2021 |
| 40 | C150059-28 | County of Kauai | Lihue WWTP Upgrades | 12,500,000.00 | 14 | 3/1/2020 |
| 41 | C150054-46 | County of Maui | West Maui Recycled Water System Expansion | 14,000,000.00 | 15 | 1/1/2020 |
| 42 | C150059-24 | County of Kauai | Lihue WWTP Digester Upgrades | 6,500,000.00 | 15 | 8/1/2021 |
| 43 | C150054-47 | County of Maui | Honoapiilani Highway Lateral Installation | 800,000.00 | 15 | 9/1/2021 |
| 44 | C150051-82 | City and County of Honolulu - ENV | Honouliuli WWTP Headworks, Pump Station, Energy Savings, Solids Process Upgrades and Misc. Imps. | 250,000,000.00 | 15 | 7/1/2023 |
| 45 | C150054-45 | County of Maui | Napili Wastewater Pump Station No. 3 Modifications | 4,000,000.00 | 13 | 1/1/2022 |
| 46 | C150054-43 | County of Maui | Napili Wastewater Pump Station No. 2 Modifications | 4,000,000.00 | 13 | 9/1/2022 |
| 47 | C150054-41 | County of Maui | Napili Wastewater Pump Station No. 1 Modifications | 5,500,000.00 | 13 | 9/1/2023 |
| 48 | C150059-23 | County of Kauai | Hanama'ulu and Kapaia SPS Renovations | 5,000,000.00 | 12 | 8/1/2019 |
| 49 | C150062-51 | County of Hawaii | Hilo WWTP Headworks, Primary Clarifiers, and Septage Receiving Station Upgrades | 52,900,000.00 | 12 | 7/1/2020 |
| 50 | C150055-11 | County of Kauai | Wailua Sewage Pump Station (SPS) No. 1 Rehabilitation | 2,700,000.00 | 12 | 8/1/2020 |
| 51 | NPS0090-09 | County of Hawaii | Waiohinu Transfer Station Leachate Collection System | 1,000,000.00 | 12 | 1/1/2021 |
| 52 | C150062-48 | County of Hawaii | Hilo Biotower Pump Station Renovation | 4,000,000.00 | 12 | 4/1/2021 |
| 53 | C150080-39 | County of Hawaii | Keopu Sewer Pump Station Relocation | 7,200,000.00 | 12 | 6/1/2021 |
| 54 | C150052-68 | County of Maui | Waikapu/Wailuku Diversion Pump Station and Force Main | 9,000,000.00 | 12 | 1/1/2025 |
| 55 | C150052-73 | County of Maui | Waiehu Kou Wastewater Pump Station Modifications | 2,000,000.00 | 12 | 1/1/2025 |
| 56 | C150052-70 | County of Maui | Hoo Hui Ana Wastewater Pump Station Modifications | 1,000,000.00 | 12 | 1/1/2027 |
| 57 | C150062-24 | County of Hawaii | Hilo Facilities Concrete Rehabilitation | 11,500,000.00 | 11 | 3/1/2020 |
| 58 | C150047-09 | County of Kauai | Waimea R-1 Wastewater Distribution System Upgrades | 3,000,000.00 | 10 | 6/1/2021 |
| 59 | C150080-31 | County of Hawaii | North Kona Sewer and Effluent Reuse - Phase 2 | 26,500,000.00 | 10 | 7/1/2021 |
| 60 | C150055-08 | County of Kauai | Wailua Wastewater Treatment Plant Improvements - Phase II | 14,000,000.00 | 10 | 7/1/2021 |
| 61 | C150077-40 | County of Maui | Liloa Drive Recycled Water Distribution Line | 3,000,000.00 | 10 | 9/1/2021 |
| 62 | C150054-36 | County of Maui | West Maui Recycled Water Expansion Kaanapali Resort R-1 Water Distribution System | 7,000,000.00 | 10 | 9/1/2022 |
| 63 | C150051-77 | Honolulu Board of Water Supply | East Kapolei 215 R-1 3.0 MG Reservoir and 16-Inch Transmission Main | 19,600,000.00 | 10 | 7/1/2023 |
| 64 | C150054-52 | County of Maui | Lahaina WWRF Onsite Recycled Water Storage | 2,000,000.00 | 10 | 1/1/2025 |

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|-----|------------|-----------------------------------|--|---------------|----|-----------|
| 65 | C150054-40 | County of Maui | Honokowai R-1 Distribution System Expansion | 2,000,000.00 | 10 | 9/1/2026 |
| 66 | C150090-06 | County of Hawaii | Nā'ālehu Sewage Pump Station and Force Main | 4,700,000.00 | 9 | 3/1/2020 |
| 67 | NPS0080-37 | County of Hawaii | West Hawaii Sanitary Landfill Gas Collection and Control System Expansion | 1,000,000.00 | 9 | 4/1/2020 |
| 68 | C150051-74 | City and County of Honolulu - ENV | Waipahu Wastewater Pump Station Force Main | 64,000,000.00 | 9 | 7/1/2023 |
| 69 | C150077-36 | County of Maui | Kihei Wastewater Pump Station No. 7 Modifications | 5,000,000.00 | 9 | 1/1/2024 |
| 70 | C150062-37 | County of Hawaii | Pua Sewage Pump Station Renovation | 32,000,000.00 | 8 | 5/1/2020 |
| 71 | C150080-21 | County of Hawaii | Project 19 Sewer Pump Station Renovation | 3,500,000.00 | 8 | 1/1/2021 |
| 72 | C150046-90 | City and County of Honolulu - ENV | Heeia Wastewater Pump Station Improvements | 5,000,000.00 | 8 | 12/1/2021 |
| 73 | C150077-19 | County of Maui | Kihei Wastewater Pump Station No. 2 Modifications | 2,000,000.00 | 8 | 1/1/2024 |
| 74 | C150080-33 | County of Hawaii | Kealakehe Wastewater Treatment Photovoltaic System | 4,600,000.00 | 8 | 7/1/2024 |
| 75 | C150077-21 | County of Maui | Kihei Wastewater Pump Station No. 5 Modifications and Force Main | 4,300,000.00 | 8 | 1/1/2026 |
| 76 | C150062-31 | County of Hawaii | Lanihau Wastewater Pump Station Force Main Replacement | 1,500,000.00 | 4 | 4/1/2020 |
| 77 | C150062-43 | County of Hawaii | Pua Force Main Installation and Rehabilitation | 33,000,000.00 | 4 | 5/1/2020 |
| 78 | C150050-12 | County of Kauai | Eleele Subdivision Collection System Rehabilitation | 2,500,000.00 | 4 | 6/1/2020 |
| 79 | C150080-40 | County of Hawaii | Kealakehe WWTP Headworks Upgrade | 24,250,000.00 | 4 | 7/1/2020 |
| 80 | C150062-49 | County of Hawaii | Wailoa Sewage Pump Station Renovations | 12,000,000.00 | 4 | 7/1/2020 |
| 81 | C150060-07 | County of Hawaii | Kula'imano, Pāpa'ikou, & Hilo Dewatering and Barminutor Replacement | 6,500,000.00 | 4 | 7/1/2020 |
| 82 | C150057-04 | County of Hawaii | Kulaimano/Papaikou UV | 5,000,000.00 | 4 | 7/1/2020 |
| 83 | C150062-25 | County of Hawaii | Modify Hilo Wastewater Treatment Plant Digester | 23,000,000.00 | 4 | 3/1/2021 |
| 84 | C150057-03 | County of Hawaii | Kulaimano WWTP Upgrades | 7,500,000.00 | 4 | 7/1/2021 |
| 85 | C150060-08 | County of Hawaii | Papaikou WWTP Upgrade | 7,500,000.00 | 4 | 7/1/2021 |
| 86 | NPS0062-29 | County of Hawaii | Hilo Scrap Metal Yard Remediation | 7,000,000.00 | 4 | 7/1/2021 |
| 87 | C150062-50 | County of Hawaii | Lanihau SPS Upgrade | 3,750,000.00 | 4 | 7/1/2021 |
| 88 | C150062-26 | County of Hawaii | Primary Sludge Pump and DAFT Retrofit | 3,000,000.00 | 4 | 7/1/2021 |
| 89 | C150062-52 | County of Hawaii | Wailuku Force Main (FM) Replacement | 1,900,000.00 | 4 | 7/1/2021 |
| 90 | C150080-30 | County of Hawaii | Hale Halawai Wastewater Pump Station Force Main Replacement | 1,000,000.00 | 4 | 7/1/2021 |
| 91 | C150055-09 | County of Kauai | Coco Palms Sewer Collection System Odor Control Improvements | 1,000,000.00 | 4 | 1/1/2022 |
| 92 | C150062-14 | County of Hawaii | Wailoa Forcemain Replacement | 17,250,000.00 | 4 | 7/1/2022 |
| 93 | C150062-16 | County of Hawaii | Kaumana Gardens Sewer | 5,000,000.00 | 4 | 7/1/2022 |
| 94 | C150055-03 | County of Kauai | Kapaa Town-Waipouli Collections System | 5,000,000.00 | 4 | 7/1/2022 |
| 95 | C150050-15 | County of Kauai | Hanapepe Heights Collection System | 2,300,000.00 | 4 | 7/1/2022 |
| 96 | C150055-12 | County of Kauai | Kaua'i Sewage Pump Station Upgrades | 7,500,000.00 | 4 | 10/1/2022 |
| 97 | 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 | 12/1/2022 |
| 98 | C150052-20 | County of Maui | Waiko Road Subdivision Sewer System | 2,000,000.00 | 4 | 1/1/2023 |
| 99 | C150059-27 | County of Kauai | Rehab Septage Receiving Areas Lihue and Eleele WWTP | 2,000,000.00 | 4 | 1/1/2023 |
| 100 | C150054-39 | County of Maui | Napili No. 2 Force Main Replacement | 1,000,000.00 | 4 | 1/1/2023 |
| 101 | C150062-21 | County of Hawaii | Ainako-Aina Nani Subdivision Sewer | 16,500,000.00 | 4 | 7/1/2023 |

Appendix B - Hawaii - Project Priority List SFY 2021

| Project ID | County | Project Name | Estimated Cost | Priority | Start Date |
|----------------|-----------------------------------|---|-------------------------|----------|------------|
| 102 C150062-12 | County of Hawaii | Kalaniana'ole Avenue Collection System Phase II | 6,000,000.00 | 4 | 7/1/2023 |
| 103 C150080-34 | County of Hawaii | Ainako Interceptor, Phase II (Aina Nani) | 5,000,000.00 | 4 | 7/1/2023 |
| 104 C150062-17 | County of Hawaii | Puueo Collection System | 3,000,000.00 | 4 | 7/1/2023 |
| 105 C150054-38 | County of Maui | Napili No. 1 Force Main Replacement | 3,700,000.00 | 4 | 1/1/2024 |
| 106 C150080-22 | County of Hawaii | Upgrade Ali'i Drive Sewer System | 4,000,000.00 | 4 | 7/1/2024 |
| 107 C150062-27 | County of Hawaii | Reed's Island Collector System | 3,800,000.00 | 4 | 7/1/2024 |
| 108 C150041-06 | County of Maui | Kaunakakai Effluent Force Main Replacement | 1,900,000.00 | 4 | 9/1/2024 |
| 109 C150046-99 | City and County of Honolulu - ENV | Ewa Beach Sewers, Section 4, Improvement District | 22,000,000.00 | 4 | 12/1/2024 |
| 110 C150052-72 | County of Maui | Waikapu/Wailuku Diversion Gravity Sewer | 14,000,000.00 | 4 | 1/1/2025 |
| 111 C150077-39 | County of Maui | Kihei Wastewater Reclamation Facility Grit System Replacement | 6,500,000.00 | 4 | 7/1/2025 |
| 112 C150052-57 | County of Maui | Maui Meadows Sewer System | 24,000,000.00 | 4 | 3/1/2027 |
| | | | 1,247,250,000.00 | | |

Appendix C – Summary of Public Comments

I. Public Participation

Pursuant to 40 CFR 35.3150, the proposed Amendment 1 to the Intended Use Plan, as well as a public notice soliciting public comments, were posted from June 26, 2020 through July 26, 2020 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, no comments, inquiries, information requests, or testimonies were received by the Department of Health.

III. Summary

There was zero (0) comments to this Amendment 1 of the Intended Use Plan received in response to solicitation for public input.



SINA PRUDER, P.E., CHIEF
Wastewater Branch