

NEW JERSEY ENVIRONMENTAL INFRASTRUCTURE FINANCING PROGRAM

**STATE FISCAL YEAR 2023
PRIORITY SYSTEM AND
PROJECT PRIORITY LIST**

**DISASTER RELIEF EMERGENCY
FINANCING PROGRAM REPORT
AND PROJECT PRIORITY LIST**

Submitted to the State Legislature by

- ▶ The New Jersey Department of Environmental Protection
- ▶ The New Jersey Infrastructure Bank

MAY 2022

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Report to the Legislature Pursuant to

P.L. 1985, Chapter 334
New Jersey Infrastructure Trust Act

Presented by

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**NEW JERSEY
DEPARTMENT OF
ENVIRONMENTAL
PROTECTION**

TO: Members of the New Jersey State Legislature
FROM: Shawn M. LaTourette, Commissioner, New Jersey Department of Environmental Protection
Robert A. Briant, Jr., Chairperson, New Jersey Infrastructure Bank
DATE: May 12, 2022
SUBJECT: State Fiscal Year 2023 New Jersey Environmental Infrastructure Financing Program

Introduction

In accordance with N.J.S.A. 58:11B-9(d), 20 and 20.1, the Department of Environmental Protection (DEP) in consultation with the New Jersey Infrastructure Bank (I-Bank), is transmitting the attached annual report ("Report" or "January Report") which summarizes, as required:

- (i) The ranking system and funding policies ("Priority System") for projects to be funded in the State Fiscal Year (SFY) 2023 New Jersey Environmental Infrastructure Financing Program ("NJEIFP" or "Water Bank");
- (ii) The initial SFY2023 Project Priority List (to be updated quarterly);
- (iii) The Disaster Relief Emergency Financing Program (Statewide Assistance Infrastructure Loan Program, or SAIL) Project Priority List;
- (iv) A comprehensive report on projects that received funding in SFY2021;
- (v) A comprehensive report on SAIL projects funded in the SFY2021.

Background

Across New Jersey, the need for investments in water infrastructure is currently estimated to exceed \$30 billion. Investments in drinking water and wastewater infrastructure are critical to promote economic growth, protect public health, and ensure clean waterways that support commercial and recreational uses. Included in this estimate are drinking water projects that address treatment and conveyance of clean water, the abatement of lead, and the removal of emerging contaminants such as synthetic "forever chemicals." Also included are wastewater and stormwater projects that address the discharge of raw sewage into waterways and communities through legacy combined sewer overflows (CSOs) and reduce the risk of harmful algal blooms that infect our water supplies and recreational waters.

The Water Bank is an essential financing program that, with the proper financial resources, will play a leading role in addressing these critical water infrastructure needs. DEP and the I-Bank together administer the Water Bank program, which provides funds to local government units (LGUs) and private water systems to ensure that water infrastructure improvements are financially feasible and properly constructed to state and federal standards. The Water Bank has leverages state funds and federal funds with publicly issued tax-exempt bonds, allowing the program to maximize the number of projects funded while simultaneously focusing on cost and operational efficiencies.

As of June 30, 2021:

- The Water Bank has issued more than **\$7.81 billion** in low-interest long term loans and, as of April 1, 2022, has an additional \$1.51 billion in short-term construction loans outstanding;
- New Jersey's ratepayers have saved more than **\$2.8 billion** from reduced interest costs and through Principal Forgiveness loans; and
- Total loan spending has generated over 150,000 direct construction jobs throughout the State¹.

SFY2023 - Initial Project List

679 projects / \$6.79 billion

This Report identifies a pool for the SFY2023 Water Bank consisting of 679 projects with an estimated value of \$6.79 billion, continuing to demonstrate the Water Bank's importance and commitment to meeting the State's environmental infrastructure needs. Please refer to:

- **Appendix A** for those **Clean Water** projects identified on the SFY2023 Interim (Short Term) Clean Water/Superstorm Sandy Environmental Financing Program and Disaster Relief Emergency Financing (Statewide Assistance Infrastructure Loan (SAIL) Financing Program Project Priority Lists (SFY2023 CW Priority List); and
- **Appendix B** for those **Drinking Water** projects identified on the SFY2023 Interim (Short Term) Drinking Water/Superstorm Sandy Environmental Financing Program Project Priority List (SFY2023 DW Priority List).

SFY2023 Financing Program



With added federal support from the 2021 Infrastructure Investment and Jobs Act (IIJA), or Bipartisan Infrastructure Law (BIL) as it is commonly known, and continued state investments by Governor Phil Murphy and the Legislature, the Department launched the Water Infrastructure Investment Plan (WIIP) to spark community investments in

upgrading drinking water and wastewater infrastructure.

The BIL alone is estimated to provide more than \$1 billion to New Jersey over the next five years for water infrastructure investments in communities and utilities across the state. The purpose the WIIP is make certain we optimize the use of these resources to help all communities, water and sewer utilities and local governments in delivering reliable, clean drinking water to every home and business and to ensure the water that we use and the rainwater that runs off of all our paved roads does not flood our homes and our businesses or pollute our rivers and streams.

The proposed SFY 2023 Intended Use Plans (IUPs) set the project priorities and the funding packages that will accomplish the goals of the WIIP by utilizing state funds and federal funds awarded to the Department by the US Environmental Protection Agency (USEPA) the Clean Water and Drinking Water State Revolving Fund (SRF) program. The SRFs have been allocated a total of \$169.5 million under BIL for FFY 2022 grants for use in SFY 2023. This includes \$77.5 million in BIL funding for the Clean Water SRF and \$92.0 million for the Drinking Water SRF. The FFY 2022 annual Drinking Water SRF and Clean Water SRF capitalization

¹ Based on the US GSA's estimate of 20 jobs per \$1 million prior to 2012 and 12 jobs per \$1 million thereafter.

grants and the additional BIL funding are anticipated to be awarded to the Department in September 2022 or sooner, for use in the State Fiscal Year (SFY) 2023 Financing Program (July 1, 2022, to June 30, 2023). The majority of Water Bank projects are initially financed through the Short-Term Loan Financing Program (the “Short-Term Loan Program” or “STLP”) which offers low-interest financing through the construction phase of a project.

The IUPs for the Drinking Water and Clean Water SRF Programs were developed by the Department with extensive public input. Multiple public engagement sessions were held since January 2022 in order to update the public on the draft direction of the IUPs and allow interested parties to provide input on priorities, affordability criteria, funding packages, project types that qualify for principal forgiveness, and disadvantaged community determination criteria. The engagement sessions included discussions with elected officials, potential applicants, professional organizations, environmental justice advocates, non-governmental organizations, and members of the public on topics including separate monies allocated for principal forgiveness, as well as funding to address lead, Per- and Polyfluoroalkyl Substances (“PFAS”), climate change and sea-level rise. The proposed IUPs were published on March 23, 2022 and underwent a public participation process that included a public hearing held on April 6, 2022 followed by a public comment period through April 22, 2022. The final IUPs and “response to comment” documents will be published in late May 2022. The final documents must be approved by the USEPA as a prerequisite to receiving the annual capitalization grants and additional BIL funding.

Clean Water State Revolving Fund (CWSRF) Program

Clean Water projects eligible for financing include a wide variety of wastewater treatment works, stormwater management, land acquisition, and certain water quality protections attendant to landfills. In SFY 2023, the Program will continue to offer attractive low-cost financing packages, including principal forgiveness and low interest loans for high priority projects. Prior to long-term funding, project sponsors are encouraged to seek a short-term loan from the I-Bank for activities from planning through construction completion.

The Department plans to use approximately \$52 million of unallocated principal forgiveness or grant like funding carried over at the end of SFY 2022 as principal forgiveness in SFY 2023 for categories set forth in this Report. The Department will supplement the carried over principal forgiveness funds with approximately \$25 million projected to be available under the federal fiscal year (FFY) 2022 Clean Water SRF Base grant from USEPA (CW Base FFY22). In addition to the FFY2022 CW Base grant, the Department anticipates authority to award approximately \$40 million in additional principal forgiveness made available by the BIL including approximately \$36 million for eligible general clean water projects and approximately \$4 million for projects that address emerging contaminants. Funds and principal forgiveness authority available from the grant awards are expected to be blended with carryover principal forgiveness authority from prior grants, Clean Water SRF repayments and state match funds, and other sources of Clean Water SRF funds to provide funding to eligible projects.

The Department plans to reserve SFY 2023 Clean Water SRF principal forgiveness funds as follows:

CW Base FFY22, CW Base Prior and CW BIL

- \$36 million for Eligible Clean Water Projects sponsored by borrowers meeting the Clean Water Affordability Criteria

- \$30 million for CSO Abatement Projects sponsored by borrowers meeting the Clean Water Affordability Criteria
- \$30 million for CSO Abatement Projects
- \$10 million for Water and Energy Efficiency Projects
- \$6 million for Water Quality Restoration Projects
- \$1 million to projects awarded Overflow and Stormwater Grants (OSG)
- \$4 million for projects that address Emerging Contaminants

Drinking Water State Revolving Fund (DWSRF) Program

Drinking water projects eligible for financing include a wide variety of drinking water treatment, including projects to address treatment of source water, conveyance of clean water, lead abatement, violations of the maximum contaminant levels, unregulated contaminants, and issues related to acute health effects (e.g. Surface Water Treatment Rule requirements).

The Department anticipates authority to award approximately \$53 million in additional principal forgiveness made available by the BIL in addition to existing principal forgiveness authority under the base capitalization grant. This includes approximately \$15 million for eligible general drinking water projects, approximately \$13 million for projects that address emerging contaminants and approximately \$25 million for projects that address lead in drinking water. Funds and principal forgiveness authority available from the grant awards are expected to be blended with carryover principal forgiveness authority from prior grants (DW Base Prior), Drinking Water SRF repayments and state match funds, and other sources of Drinking Water SRF funds to provide funding to eligible projects.

SFY 2023 Drinking Water SRF principal forgiveness funds will be reserved as follows:

DW Base FFY22, DW Base Prior and DW BIL

- \$8 million for Nano projects for systems serving 10,000 or fewer customers
- \$3 million for projects at very small water systems with populations of 1,000 or fewer customers
- \$25 million for lead service line replacement projects
- \$13 million for projects that address Emerging Contaminants, at least 25% of which will be directed to disadvantaged communities that meet New Jersey's affordability criteria outlined in the IUP or small systems serving fewer than 25,000
- \$10 million in additional principal forgiveness funds from the DWSRF General Supplemental Grant for either lead or emerging contaminant projects in ranked order
- \$5 million for high-ranking affordability projects from the DWSRF General Supplemental Grant

SFY2023 – Highlights

In SFY2023, the Water Bank will continue features introduced in recent years. Highlights include:

- **New Clean Water and Drinking Water Affordability Criteria** – The Water Bank has revised and aligned the Clean Water and Drinking Water Affordability Criteria. This criteria will be used to qualify borrowers for additional assistance through principal forgiveness. Over \$100 million will

be set aside to offer principal forgiveness to applicants that meet the affordability criteria. These applicants may receive 100% principal forgiveness up to the applicable caps for certain project categories.

- **Short-Term Funding Readily Available** – Rolling applications and an award process for short-term loans throughout the year for eligible project construction and planning and design activities regardless of the time of application or need;
- **Longer Terms for Line of Credit Funding** – Short term loans of up to five full fiscal years are available to finance a project’s planning, engineering design, legal, and construction expenses, provided planning or engineering design activities do not exceed two years;
- **Attractive Borrowing Terms and Rates** – The Water Bank offers an effective short-term interest rate equal to a portion of the I-Bank’s highly rated short-term cost of funds. When the Water Bank uses 100% DEP funds as its source of short-term loans, the interest rate is 100% interest free short-term financing during the design and construction phases of the project;
- **CSO Initiatives** – Communities in CSO sewer-sheds may access short-term funds for Planning, Design, and Construction costs of projects identified in long-term control plans, as well as have opportunities for principal forgiveness;
- **More Frequent Bond Issuance** – The I-Bank expects to issue long-term bonds twice per year allowing participants opportunities to regularly roll short-term loans into long-term financing;
- **Longer Loan Maturities** – The Water Bank offers loan terms of up to 30 years for qualified projects, lowering the annual repayment obligation for municipalities and systems. The program is working with USEPA to offer extended term financing in SFY2022 to as much as 45 years for CSO abatement projects. Maturity terms for borrowers with a project included on the Water Infrastructure Financing and Innovation Act (“WIFIA”) portfolio loan list may extend to the terms of those available in the WIFIA Program;
- **Asset Management** – The Financing Program, in compliance with new Federal requirements enacted under the Water Resources Reform and Development Act (WRRDA), has implemented an Asset Management Program (AMP) to maximize the return on investment of public funds.

SFY2021 – Recap

Net New Funding: 105 Projects / \$725 million

- **Short-Term Loans** – 105 projects received initial short-term financing totaling **\$590.6 million**.
- **Adjustments to Prior Short-Term Loans** – 29 projects received short-term loan increases totaling **\$180.7 million**.
- **Adjustments to Prior Short-Term Loans** – 59 short-term loans were converted to long-term loans totaling a net decrease of \$45.7 million.
- **Long-Term Loans** – 59 projects, mentioned above, were converted to long-term loans for **\$378 million**.

Note: There were two extensions of SAIL disaster loans and no new short-term SAIL loans in SFY2021. The total SAIL loans issued to-date for Superstorm Sandy is \$205.5 million, representing eleven (11) projects for five (5) Borrowers to address immediate cash flow needs in advance of federal disaster reimbursement grants.

SAIL Borrowers have benefited from I-Bank involvement in the compliance of FEMA requirements and

processing submissions of reimbursement requests to FEMA resulting in 90% of all approved costs (the maximum allowable under FEMA's reimbursement cap for Sandy) in an average time of just 40 days.

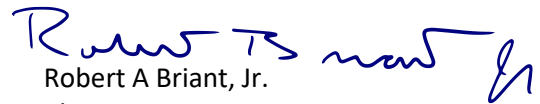
The Water Bank's upcoming **May Report** will set forth the plan and terms by which those projects participating in the SFY2023 Financing and SAIL Programs will receive either short- or long-term financing, as well as the Project Eligibility List of those projects eligible for long-term funding in SFY2023.

We look forward to meeting with you to discuss the upcoming year's financing program. We and our staff remain available to answer any questions you may have regarding projects on the attached lists or any of the Water Bank's initiatives contained within this Report.

Thank you for your time and continued support.



Shawn M. LaTourette
Commissioner,
NJ Department of Environmental Protection



Robert A Briant, Jr.
Chairperson,
NJ Infrastructure Bank

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PRIORITY SYSTEM AND PROJECT PRIORITY LIST REPORT

FOR STATE FISCAL YEAR 2023

PRIORITY SYSTEM AND PROJECT PRIORITY LIST

FINANCING PROGRAM BACKGROUND

INTRODUCTION

This Priority System and Project Priority List Report (Report) is submitted to the New Jersey State Legislature (Legislature) pursuant to N.J.S.A. 58:11B-1 et seq., specifically, N.J.S.A. 58:11B-9(d), 20 and 20.1. It has been prepared by the New Jersey Department of Environmental Protection (Department or DEP) in consultation with the New Jersey Infrastructure Bank (NJIB or I-Bank), which together administer the New Jersey Environmental Infrastructure Financing Program (NJEIFP, Financing Program or Water Bank) to provide short and long-term loans for the planning and construction of environmental infrastructure projects.

This Report summarizes and includes:

- (i) The method employed to prioritize projects and establish project rankings for the State Fiscal Year (SFY), beginning July 1, 2022 (SFY2023)
- (ii) The NJEIFP's initial SFY2023 Interim Financing Program Project Priority List (Project Priority List) identifying projects to be considered for short-term funding in SFY2023
- (iii) A List of projects financed in the most recently completed fiscal year, SFY2021, in compliance with the requirements set forth in the I-Bank Enabling Act N.J.S.A. 58:11B-20(d) and 20.1(d), including the project name, project description, loan type, and loan amount.
- (iv) The Disaster Relief Emergency Financing Program Project Priority List identifying projects eligible for short-term loans pursuant to the Disaster Relief Emergency Financing Program (**SAIL**) for projects to improve resiliency in future natural disasters
- (v) A comprehensive report on SAIL funded projects financed through December 31, 2021

In May, the I-Bank, in consultation with the Department, will publish the Financial Plan (also known as the "May Report"). The May Report will summarize the Water Bank's available loan programs, financing terms, and the loan closing process for projects to be funded in SFY2023.

Federal requirements regarding funds appropriated under the federal Clean Water Act (CWA) and federal Safe Drinking Water Act (SDWA) necessitate the NJEIFP's development of an annual Clean Water Priority System, Intended Use Plan, and Project Priority List (together the CW Plan) and a Drinking Water Priority System,

Intended Use Plan, and Project Priority List (together the DW Plan). In March 2022 the DEP issued the proposed SFY2023 CW Plan and proposed SFY2023 DW Plan. The proposed CW Plan and DW Plan for projects to be financed in SFY2023 were issued pursuant to the DEP's obligations under the CWA and SDWA. The policies articulated in these publications are consistent with those stated in this January Report.

GOALS

The main objectives of the NJEIFP are to:

- Provide capital for water and wastewater infrastructure projects to protect public health and the environment for multiple generations of New Jersey citizens;
- Continue serving as the Garden State's premier source of environmental infrastructure financing through self-sustaining, efficient, and transparent programs;
- Establish and efficiently manage a permanent source of funding for clean water and drinking water infrastructure projects within the State;
- Provide project financing at a much lower cost than program participants could achieve individually thereby passing substantial savings on to New Jersey's taxpayers and rate payers; and
- Increase access to capital markets for those participants that find it difficult or more expensive to finance on their own, due to lower credit ratings or a lack of familiarity with debt financing.

SFY2023 NJEIFP

HIGHLIGHTS

The NJEIFP is continuing initiatives developed and enacted in recent years for SFY2023.

- Bipartisan Infrastructure Law (BIL):** New Jersey will receive an additional \$169 million in federal funding for the Clean Water and Drinking Water State Revolving funds. With state match funds and leveraging from the NJ I-Bank, this infusion of federal funds will result in an increase of approximately \$340 million in funding for water infrastructure projects in SFY2023, including the availability of over \$90 million in principal forgiveness or "grant like" funding.
- Affordability Criteria:** New Jersey has revised and aligned the Clean Water and Drinking Water Affordability Criteria. Over \$100 million will be set aside to offer principal forgiveness to applicants that meet the affordability criteria. These applicants may receive 100% principal forgiveness up to the applicable caps for certain project categories.
- Rolling application and funding process:** Changes to the Project Priority List are updated and submitted to the legislature four times during the fiscal year enabling the Program to readily offer Borrowers short-term loans that are in line with their time frames, particularly when their projects are ready for construction. The Project Priority List is updated quarterly with project applications that are received and ranked by the Department as generally meeting SRF parameters.

- iv. **Fiscal Sustainability Plan:** H.R. 3080, the Water Resources Reform and Development Act of 2014 (WRRDA) requires all SRF loan recipients receiving funds for the repair, replacement, or expansion of a treatment works to develop and implement a Fiscal Sustainability Plan (FSP) or certify that they have developed and implemented such a plan for the funded project. An FSP requires a Borrower to:
 - (i) Inventory critical assets that are part of the treatment works,
 - (ii) Evaluate the condition and performance of inventoried assets or asset groupings,
 - (iii) Certify that the recipient has evaluated and will be implementing water and energy conservation efforts as part of the plan, and
 - (iv) Present a plan for maintaining, repairing as necessary, and replacing the treatment works and funding such activities.
- v. **Asset Management:** An Asset Management Plan (AMP) is a comprehensive plan developed by systems which includes the categorization of system assets along with a financial plan that lays out the methods, scheduling and financing of the strategic upkeep and replacement of such assets. The NJEIFP supports AMP development through both financing as well as informational support. The Department and the I-Bank have developed sample templates and standardized planning tools to assist water systems with the creation of their AMP. The Department has launched an asset management webpage (www.nj.gov/dep/assetmanagement/) that sets forth information pertaining to Asset Management, the State Asset Management Program, publications, and financing. It also includes resources such as EPA's interpretative guidance on FSP's and the DEP's Asset Management Guidance & Best Practices document which can be found at: <http://www.nj.gov/dep/watersupply/pdf/guidance-amp.pdf>. In addition, the Water Quality Accountability Act, P.L. 2017, c. 133 (WQAA), enacted on July 21, 2017, established new requirements for purveyors of public water to improve the safety, reliability, and administrative oversight of water infrastructure. The WQAA applies to water purveyors with more than 500 service connections, which is approximately 300 water systems in New Jersey. The WQAA requires purveyors to create and implement an AMP designed to inspect, maintain, repair, and renew its infrastructure consistent with standards established by the [American Water Works Association](#).
- vi. **Harmful Algal Bloom Abatement:** The presence of harmful algal blooms (HABs) in New Jersey's waterbodies severely impacts our public health and economy. The Financing Program is reserving funds and providing as much as \$6 million in principal forgiveness loans in SFY2023 for Water Quality Restoration capital improvement projects and equipment purchases that will eliminate, prevent, or reduce documented occurrences of shellfish bed downgrades, beach closings and advisories due to the presence of HABs. Eligible projects would eliminate potential sources such as failing on-site wastewater systems and cross connections between storm sewers and sanitary sewers. Eligible project activities also include the expansion or replacement of stormwater management systems as well as the purchase of skimmer boats, aquatic weed harvesters and equipment to maintain stormwater management facilities.
- vii. **Lead Abatement:** The existence of lead service lines in some of our aging drinking water infrastructure poses potential risk to public health. This risk can be significantly reduced through the identification and

replacement of lead service lines or through the installation of corrosion control treatment. The Financing Program is reserving funds and providing a minimum of \$25 million in principal forgiveness loans in SFY2023 for lead line replacement projects.

FINANCING PROGRAM OFFERINGS

The **Water Bank** offers two loan formats: short-term and long-term loans. Together, they provide funding for all aspects, phases, and components of designing and building environmental infrastructure projects. NJEIFP Loans are issued, upon approval of applicable Financing Program requirements, for costs incurred for designing and constructing projects that enhance and protect ground and surface water resources, ensure the safety of drinking water, and facilitate responsible, sustainable economic development (each, an Environmental Infrastructure Project). Each loan is funded from one or more of the sources identified in the I-Bank's soon to be submitted May Report.

SFY2023 Funding Packages (Long-Term Loans)

Clean Water

Clean Water Categories	DEP Share***	I-Bank Share***
CSO Abatement, CSO Abatement/Affordability*, Water Quality Restoration, Affordability Criteria, Energy and Water Efficiency, and Emerging Contaminants Projects (All capped at \$10 million)	75% (Minimum**) Interest Free Loan and Principal Forgiveness	25% (Maximum**) AAA all-in Market Interest Rate Loan
All Other Water Quality Projects (Base CWSRF)	50% Interest Free Loan	50% AAA all-in Market Interest Rate Loan
Brownfield Redevelopment (Conduit Projects)	25% Interest Free Loan	75% AAA all-in Market Interest Rate Loan

*CSO Abatement/Affordability project costs from \$10 million to \$20 million may be financed under the Affordability Criteria package. Costs over the caps may be financed under the Base CWSRF package.

**The first \$5 million of CSO Abatement/Affordability projects, the first \$2 million of Affordability Criteria projects, and the first \$2 million of Emerging Contaminants project will receive 100% principal forgiveness to the extent principal forgiveness funds are available.

***I-Bank share may be higher and DEP share lower if I-Bank is able to source below market interest rate funds through the Water Infrastructure Finance and Innovation Act (WIFIA) from USEPA. The effective interest rate will be no greater than would have resulted from financing with I-Bank's AAA bond funds at market interest rates and Department interest-free loan funds at shares shown in table.

Drinking Water

Drinking Water Categories	DEP Share**	I-Bank Share**
Affordability*	75% (Minimum) Interest Free Loan and Principal Forgiveness	25% (Maximum) AAA all-in Market Interest Rate Loan
Base DWSRF – Public	50% Interest Free Loan	50% AAA all-in Market Interest Rate Loan
Base DWSRF – Investor-owned	25% Interest Free Loan	75% AAA all-in Market Interest Rate Loan

*Costs in excess of \$10 million will be financed under the Base DWSRF package.

**I-Bank share may be higher and DEP share lower if I-Bank is able to source below market interest rate funds through the Water Infrastructure Finance and Innovation Act (WIFIA) from USEPA. The effective interest rate will be no greater than would have resulted from financing with I-Bank's AAA bond funds at market interest rates and Department interest-free loan funds at shares shown in table.

SFY2023 Principal Forgiveness (PF) Opportunities

Clean Water

Clean Water PF	Principal Forgiveness Share	Principal Forgiveness Cap per Applicant	Projected Amount of PF Available
CSO Abatement	50%	\$5M**	\$30M*
CSO Abatement in Communities that meet the CWSRF Affordability Criteria	100%		\$30M*
Water Quality Restoration	50%	\$2.5M	\$6M
Affordability Criteria	100%	\$2M	\$36M
Energy and Water Efficiency Projects	50%	\$2M	\$10M
Emerging Contaminants	100%	\$2M	\$4M
Overflow and Stormwater Grant (OSG) CW SRF PF Loans***	20%	\$0.2M	\$1M

*\$5M in CSO Abatement and CSO Abatement/Affordability PF funds are set aside for CSO Green Infrastructure projects.

** There is a total applicant principal forgiveness cap of \$5 million for CSO Abatement projects and CSO Abatement/Affordability projects in SFY23. For example, if an applicant is awarded \$5 million under the CSO Abatement/Affordability category, they would be limited by the cap and not eligible for additional principal forgiveness under the CSO Abatement principal forgiveness category in SFY23.

***OSG CW SRF PF Loans will be awarded to CWSRF projects that receive an Overflow and Stormwater Grant. The OSG will cover 80% of the project costs (capped at \$1 million) and the OSG CW SRF PF Loan will cover 20% of the project costs. OSG/OSG CW SRF PF Loan project costs are capped at \$1 million. Costs in excess of \$1 million may be eligible for funding and PF under the CSO Sewershed – Grey and Green Infrastructure category.

Drinking Water

Drinking Water PF	Principal Forgiveness Share	Principal Forgiveness Cap per Applicant	Projected Amount of PF Available
Nano (serving ≤ 10,000 customers)	50%	\$500,000	\$8M
Very Small Water System** (serving ≤1,000 customers)	100%	\$750,000	\$2M**
Lead Line Replacement	50%	\$5M	\$25M*
Emerging Contaminants (including PFAS)	100%	\$1M	\$13M*
High Rank Affordability Projects	100%	\$1M	\$5M
General Supplemental PF* (Lead or PFAS)	Per above	Per above	\$10M

* Once the principal forgiveness funds for emerging contaminants (\$13 million) and lead line replacement (\$25 million) have been allocated to higher ranked projects, \$10 million in principal forgiveness from the DWSRF Supplemental Funds will be directed in priority ranked order to qualifying lead or PFAS projects in other disadvantaged communities that meet NJ's affordability criteria in Appendix 2.

**In addition to the \$3M PF set aside, \$3M in state appropriation funds will be set aside to provide direct grants (capped at \$750,000 per applicant) to very small water systems that do not meet credit eligibility requirements of the Water Bank Financing Program credit policy to qualify for a loan.

Drinking Water SRF Financing Options

The DWSRF base program offers a financing package that results in an equivalent interest rate of a blend of 50% of I-Bank's AAA all-in Market Interest Rate for publicly owned water systems and an equivalent interest rate of a blend of 75% of I-Bank's AAA all-in Market Interest Rate for private investor-owned water systems.

In addition to water system ownership (publicly-owned vs. privately-owned), water system loan rates will be impacted by the affordability criteria as described in the Drinking Water Ranking Criteria section below. For the purposes of the DWSRF Program, a project service area that meets the affordability criteria is a Disadvantaged Community. Publicly-owned water systems serving Disadvantaged Communities will receive a funding package that results in an interest rate equivalent to a blend of 25% of I-Bank's AAA all-in Market Interest Rate.

Project sponsors that meet affordability criteria can apply the affordability package to any project costs over the initial cap. The remainder of project costs are financed at the applicable base rate.

Drinking Water SRF Funding Caps

All DW project applicants for both investor-owned and publicly owned systems are capped at \$25M per applicant per year. Project costs over the specified caps may be financed by the I-Bank at 100% of the I-Bank's AAA all-in Market Interest Rate as capacity allows. The DEP is maintaining a funding cap of \$25 million (per applicant/per year) for SFY2023 for publicly owned water systems and investor owned water systems to ensure that multiple high priority drinking water projects receive funding. The total project cost financed, including any portion of the project financed at the base rate and financed at an enhanced subsidization rate (Nano, small system lead abatement and affordability) may not exceed \$25 million.

The DEP is actively pursuing additional funding sources to address the increasing drinking water infrastructure financial needs and reserves the right to modify or waive the cap requirement should efforts be successful.

Drinking Water SRF Financing Timeline

For the DWSRF SFY2023 program, funding decisions will be based on the DWSRF Project Priority List, as determined by the DWSRF Project Ranking methodology. DEP will be determining financing availability and loan terms in priority ranked order based on available funds as follows:

- All DW projects that are in the fundable range as of the date of certification by DEP will be allowed to proceed to a short-term loan closing on a readiness to proceed basis. DW projects that are not in the fundable range will be given a conditional authorization to award which will allow those projects to proceed and maintain program eligibility if future funds become available. The Department establishes the fundable range by deducting and reserving estimated costs for projects listed in rank order on the current fiscal year Water Bank Project Priority List as amended until the available unobligated drinking water funds are exhausted. Note that the actual number of projects in the fundable range could expand or contract as loan construction bids are received, and total low bid allowable project costs are evaluated.
- Projects in the fundable range that do not receive Authorization to Award by April 1, 2023, will be bypassed for the SFY2023 funding cycle and the fundable range will be extended accordingly.
- Applications will be accepted any time of the year. There are no submission deadlines.

SHORT-TERM FINANCING

Short term loans are available for up to 5 full fiscal years, or up to the statutorily permitted term, to finance the cost of (i) environmental planning and engineering design activities incurred, and (ii) project construction upon application approval. A planning design and construction loan shall mature no later than the last day of the fifth succeeding fiscal year following the closing date of the line of credit loan, or the last day of the third succeeding fiscal year following the date of construction certification following the closing date of the line of credit loan, whichever is sooner provided that planning or engineering design activities shall not exceed two years from the closing date of the loan. Short term Loans for Combined Sewer Overflow Long-Term Control Plans (LTCPs), recognized by the Financing Program, offer terms of up to five (5) full fiscal years (inclusive of up to two years for planning and design) beyond the date when their LTCP is accepted by the Department. Legislative amendments in 2020 authorize the issuance of one short-term supplemental loan for residual project expenses upon certification by the Department that the time required by the project sponsor to complete construction of the project exceeds the maximum maturity date of the project sponsor's outstanding short-term loan. Such residual loans are only available one time for any given project for up to three full fiscal years. Terms for short-term residual loans are further explained in the I-Bank's May Report.

The Department charges a 2% loan origination fee to cover its costs for the technical review of each project. Most Borrowers are able to include the portion of the 2% DEP loan origination fee due at short term closing (1% of project costs or 50% of the total DEP loan origination fee) in their short term loan. Short term loans are only issued for activities likely to lead to, or the construction of, an environmental infrastructure project. Terms of the long term financing, including principal forgiveness, are established pursuant to the terms of the Program year of each construction contract certification, or if closing the short term loan after certification, upon short term loan closing. They are contingent upon a project receiving long-term financing. These terms vary primarily

with the nature of the project activities or populations served as detailed in the Specific Incentivized Programs section.

Short term loans are also available under the SAIL Program for environmental infrastructure projects for the repair to systems adversely impacted during natural disasters and/or to improve the resiliency of systems. In addition, short-term loans are available for environmental infrastructure projects necessary to respond immediately to emergencies (other than SAIL) that endanger public health and welfare that are likely to result in substantial environmental damage.

In an effort to reduce transaction costs, each project's short term loan can be for the entire estimated cost of the project, but funds are committed only to the project components approved by the Department (e.g., planning and design costs and/or initial construction operable segment(s)) Loan sizing and repayment terms may be found in the May Report.

The SFY2023 Interim Financing Program Clean Water Project Priority List and the SFY2023 Interim Financing Program Drinking Water Project Priority List, set forth in Appendices A and B respectively, identify environmental infrastructure projects eligible for short-term financing pursuant to N.J.S.A. 58:11B-9.

LONG-TERM FINANCING

Long-Term Loans are generally issued upon completion of project construction (demonstrated through submitted requisitions). Long-term loans are largely mechanisms to refinance previously issued short term loans for construction and P&D activities. With limited exception, all relevant Program terms and conditions are established at the time of issuance of short-term financing: for example, credit worthiness approval; Division of Local Government Services approval; the State's commitment of long-term funding at the time of certification of each operable project segment; and the applicability of all program benefits (e.g., principal forgiveness). Long-Term Loans provide certainty as to the interest rate which is fixed for periods of up to 30 years. However, for program participants financing CSO projects, pending EPA approval, a maturity term in excess of 30 years may be available beginning in SFY2023. For Borrowers with a project included on the WIFIA portfolio loan list, maturity terms of the corresponding loan may extend to the terms of those available in the WIFIA Program. In any event, maturity terms shall not exceed a project's useful life which determination may include federal or state official data on climate change including sea level rise.

Long-term loan terms are established in accordance with the following criteria:

For Projects financed through a Water Bank Short-Term Loan:

Loan Issued Upon	Applicable Financing Term Year
Certification of engineering contract	Date of certification of construction contract*
Certification of construction contract	Date of Short-Term Loan closing

*If a project has multiple operable segments, various financing year terms may apply to a single project loan which are set at the time of each contract certification.

Applicants financing the cost of construction through non-Water Bank sources or self-funding, long-term financing terms apply at the time of long-term loan closing.

SPECIFIC INCENTIVIZED PROGRAMS

The Department expects to maximize the amount of principal forgiveness (PF) funds available from SRF monies subject to federal restrictions. The Department plans to utilize unallocated principal forgiveness or grant like funding carried over at the end of SFY 2022 as principal forgiveness in SFY 2023. The Department will supplement the carried over principal forgiveness funds with the following principal forgiveness projected to be available under the FFY 2022 USEPA grants:

CWSRF Base grant - \$25 million

CWSRF General Supplemental grant - \$36 million

CWSRF Emerging Contaminants grant - \$4 million

DWSRF Base grant - \$11 million

DWSRF General Supplemental grant - \$15 million

DWSRF Emerging Contaminants grant - \$13 million

DWSRF Lead Service Line Replacement grant - \$25 million

Funds and principal forgiveness authority available from the grant awards will be blended with carryover principal forgiveness authority from prior grants, repayments state match funds, and other sources of SRF funds to provide funding to eligible projects.

In addition to the SRF, the Department may increase any amounts identified in the IUP reserved for principal forgiveness and adjust any caps if additional SRF or non-SRF funds (including Natural Resource Damages (NRD) recovered by the State, Corporation Business Tax (CBT) funds, and state appropriations) become available to supplement principal forgiveness or low-cost loan funding. In addition, the Department may bank any non-SRF financing towards future State Match requirements subject to EPA approval. The Department anticipates implementing the following incentivized programs under its proposed CW and DW IUPs:

- i. **Water Quality Restoration:** The Department is reserving funds and providing principal forgiveness loans for capital improvement projects, including equipment purchases, that will eliminate, prevent, or reduce documented occurrences of water quality advisories, beach closings and shellfish bed downgrades due to the presence of harmful algal blooms (HABs). Priority for principal forgiveness funds will be given to eligible projects that address HABs (HAB Projects) and principal forgiveness funds will be allocated to HAB projects on a readiness to proceed basis. If there is insufficient demand from eligible HAB projects in SFY 2023, unallocated principal forgiveness funds may be used for projects that address shellfish bed downgrades, beach closings and advisories due to the presence of pathogens.

Projects would eliminate such potential sources as failing on-site wastewater systems or cross-connections between storm sewers and sanitary sewers. Eligible projects also include the expansion or replacement of stormwater management systems as well as the purchase of skimmer boats, aquatic weed harvesters and equipment to maintain stormwater management facilities. There is a \$2.5 million cap of principal forgiveness per applicant for Water Quality Restoration (WQR) projects in SFY 2023. Project sponsors are eligible to receive principal forgiveness for up to 50% of allowable costs and loan funding with a blended interest rate of 50% of the I-Bank AAA all-in Market Interest Rate for the balance for the first \$5 million of allowable costs. Allowable project costs between \$5 million and \$10 million will receive loan funding with a blended interest rate of 25% of the I-Bank AAA all-in Market Interest Rate and project costs over \$10 million will receive loan funding at the Base CWSRF rate. A total of \$6 million in principal forgiveness funds will be available for Water Quality Restoration projects in SFY 2023.

- ii. **CSO Abatement:** The Department is reserving funds and providing principal forgiveness loans for Combined Sewer Overflow (CSO) Abatement projects utilizing grey and/or green practices (such as green roofs, rain gardens, porous pavement, and other activities that maintain and restore natural hydrology by treating stormwater runoff through infiltration into the subsoil, treatment by vegetation or soil, or stored for reuse). Principal forgiveness funds will be allocated to CSO Abatement projects on a readiness to proceed basis. Project sponsors are eligible to receive principal forgiveness for up to 50% of allowable costs and loan funding with a blended interest rate of 50% of the I-Bank AAA all-in Market Interest Rate for the balance for the first \$10 million of allowable project costs. Allowable project costs over \$10 million will receive loan funding at the Base CWSRF rate. A total of \$30 million in principal forgiveness will be available for CSO Abatement projects in SFY 2023 of which \$5M will be reserved exclusively for green infrastructure. If there is insufficient demand from eligible green infrastructure projects, in SFY 2023, unallocated funds may be used for CSO abatement projects that do not employ green infrastructure.
- iii. **CSO Abatement/Affordability:** The Department is reserving additional funds and providing additional principal forgiveness loans exclusively for CSO abatement projects in communities that meet the CWSRF Affordability Criteria. Principal forgiveness funds will be allocated to CSO Abatement/Affordability (CSO/A) projects on a readiness to proceed basis. Project sponsors are eligible to receive 100% principal forgiveness for the first \$5 million of allowable project costs and loan funding with a blended interest rate of 50% of the I-Bank AAA all-in Market Interest Rate for allowable project costs between \$5 million and \$10 million. The DEP Fee is waived for the principal forgiveness portion of CSO/Affordability loans. A total of \$30 million in principal forgiveness will be available for CSO Abatement/Affordability projects in SFY 2023 of which \$5M will be reserved exclusively for Green Infrastructure. If there is insufficient demand from eligible green infrastructure projects, in SFY 2023, unallocated funds may be used for grey infrastructure.

Applicants under this category that meet the CWSRF Affordability Criteria will also qualify for principal forgiveness and financing under the Affordability Category. For SFY 2023, eligible borrowers will be able to stack the Affordability principal forgiveness package (subject to availability and the applicable Affordability cap) on top of the CSO Abatement/Affordability package for allowable project costs

between \$10 million and \$20 million. Allowable project costs over \$30 may receive loan funding at the Base CWSRF rate.

Note: There is a total applicant principal forgiveness cap of \$5 million for CSO Abatement projects and CSO Abatement/Affordability projects in SFY 2023. For example, if an applicant is awarded \$5 million under the CSO Abatement/Affordability category, they would be limited by the cap and not eligible for additional principal forgiveness under the CSO Abatement principal forgiveness category in SFY 2023.

- iv. **Clean Water Affordability:** The Department is reserving funds and providing principal forgiveness loans for any eligible clean water project sponsored by applicants that meet the Clean Water Affordability Criteria. There is a \$2 million cap of principal forgiveness per applicant for Affordability projects in SFY 2023. Principal forgiveness funds will be allocated to Affordability projects on a readiness to proceed basis. Project sponsors are eligible to receive principal forgiveness for up to 100% of allowable costs for the first \$2 million of allowable projects costs and loan funding with a blended interest rate of 50% of the I-Bank AAA all-in Market Interest Rate for the next \$2 million of allowable project costs. Allowable project costs between \$4 million and \$10 million will receive loan funding with a blended interest rate of 25% of the I-Bank AAA all-in Market Interest Rate and project costs over \$10 million will receive loan funding at the Base CWSRF rate. The DEP Fee is waived for the principal forgiveness portion of Affordability loans. A total of \$36 million in principal forgiveness will be available for Affordability projects in SFY 2023.
- v. **Energy and Water Efficiency:** The Department is reserving funds and providing principal forgiveness loans for clean water projects that address water and energy efficiency goals and meet the eligibility requirements for water and energy efficiency as defined in [USEPA's Green Project Reserve Guidance](#). Principal forgiveness funds will be allocated to Energy and Water Efficiency (EWE) projects on a readiness to proceed basis. There is a \$2 million cap of principal forgiveness for Energy and Water Efficiency projects per applicant in SFY 2023. Project sponsors are eligible to receive principal forgiveness for up to 50% of allowable costs and loan funding with a blended interest rate of 50% of the I-Bank AAA all-in Market interest Rate for the balance for the first \$4 million. Allowable project costs between \$4 million and \$10 million will receive loan funding with a blended interest rate of 25% of the I-Bank AAA all-in Market Interest Rate and project costs over \$10 million will receive loan funding at the Base CWSRF rate. A total of \$10 million in principal forgiveness will be available for Energy and Water Efficiency projects in SFY 2023.
- vi. **Clean Water Emerging Contaminants:** The Department is reserving funds and providing principal forgiveness loans for clean water projects that primarily address emerging contaminants (EC). There is a \$2 million cap of principal forgiveness for Emerging Contaminants projects per applicant in SFY 2023. Principal forgiveness funds will be allocated to projects that address emerging contaminants on a readiness to proceed basis. Project sponsors are eligible to receive principal forgiveness for up to 100% of the first \$2 million of allowable costs and loan funding with a blended interest rate of 50% of the I-Bank AAA all-in Market Interest Rate for the balance for the next \$2 million of allowable project costs. Allowable project costs between \$4 million and \$10 million will receive loan funding with a blended

interest rate of 25% of the I-Bank AAA all-in Market Interest Rate and project costs over \$10 million will receive loan funding at the Base CWSRF rate. A total of \$4 million in principal forgiveness will be available for Emerging Contaminants projects in SFY 2023.

Emerging contaminants refer to substances and microorganisms, including manufactured or naturally occurring physical, chemical, biological, radiological, or nuclear materials, which are known or anticipated in the environment, that may pose newly identified or re-emerging risks to human health, aquatic life, or the environment. These substances, microorganisms, or materials can include many different types of natural or manufactured chemicals and substances – such as those in some compounds of personal care products, pharmaceuticals, industrial chemicals, pesticides, and microplastics. A description of emerging contaminants for the purposes of CWSRF financing can be found in Appendix B to [USEPA’s March 8, 2022 Memorandum regarding the Implementation of the Clean Water and Drinking Water State Revolving Fund Provisions of the Bipartisan Infrastructure Law](#).

- vii. **Drinking Water Emerging Contaminants:** The Department is reserving \$13 million to provide principal forgiveness loans in SFY 2023 for drinking water projects that primarily address emerging contaminants, including PFAS. At least 25% of this amount (or approximately \$4 million) will be awarded to disadvantaged communities that either meet NJ’s Drinking Water Affordability Criteria or are public water systems serving a population of fewer than 25,000. There is a \$1 million cap of principal forgiveness per applicant in SFY 2023. Project sponsors are eligible to receive principal forgiveness of up to 100% of the first \$1 million of allowable costs and loan funding at the applicable base rate for the balance of costs up to the \$25 million per applicant/per year cap.

Emerging contaminants refer to substances and microorganisms, including manufactured or naturally occurring physical, chemical, biological, radiological, or nuclear materials, which are known or anticipated in the environment, that may pose newly identified or re-emerging risks to human health, aquatic life, or the environment. These substances, microorganisms, or materials can include many different types of natural or manufactured chemicals and substances – such as those in some compounds of personal care products, pharmaceuticals, industrial chemicals, pesticides, and microplastics. A description of emerging contaminants for the purposes of DWSRF financing can be found in Appendix B to [USEPA’s March 8, 2022 Memorandum regarding the Implementation of the Clean Water and Drinking Water State Revolving Fund Provisions of the Bipartisan Infrastructure Law](#).

State Recovery and Reuse of SRF Funds Applied to PFAS Contamination

The State of New Jersey (State) does not intend by issuing to any Recipient authorized financial assistance through the Drinking Water State Revolving Fund or the Clean Water State Revolving Fund (together “SRF”) to abrogate, resolve or relieve the responsibility or liability of any third-party that caused or contributed to the contamination impacting the State’s drinking water, groundwater, surface waters or natural environment in any manner, including without limitation, through the sale, distribution, supply, or direct discharge of any per-and polyfluoroalkyl substances (“PFAS”), including PFAS in aqueous film-forming foam (“AFFF”) or other PFAS-containing materials (collectively “PFAS contamination”).

New Jersey intends to recoup and recover authorized financial assistance that the State issues to any borrower for the purposes of investigation, treatment, or replacement of water or water systems impacted by PFAS contamination from culpable third-parties that caused or contributed to such PFAS contamination. New Jersey intends to reuse and reapply recouped SRF funds to other water systems, sites and eligible recipients in the State that have been impacted by PFAS contamination or that are otherwise eligible for SRF financial assistance. New Jersey thus reserves its direct claims and causes of action to recover any financial assistance provided to recipients from those persons that caused or contributed to such PFAS contamination.

Likewise, payment of any SRF authorized financial assistance by the New Jersey will be subject to the State's right to acquire by subrogation the rights, claims and causes of action of the Recipient to recover those SRF funds paid to Recipient, with interest, administrative costs, and attorneys' fees and costs incurred by the State by reason of such claim, from those persons that caused or contributed to such PFAS Contamination, and Recipients will be required to reasonably cooperate with the State in any such action.

- viii. **Sewer Overflow and Stormwater Reuse Grant (OSG) Program CWSRF PF Loans:** The Department is reserving funds and providing principal forgiveness loans for projects that receive Sewer Overflow and Stormwater Reuse Grants. These projects are intended to address infrastructure needs for combined sewer overflows (CSO) or stormwater management. Project sponsors that receive a Sewer Overflow and Stormwater Reuse Grant for up to 80% of eligible project costs are eligible to receive a principal forgiveness loan for the remaining 20% of costs. The DEP Fee is waived for the principal forgiveness portion of OSG loans. Total project costs are capped at \$1 million. Approximately \$1 million will be reserved for OSG CWSRF PF loans. The balance of the project would have to be separately funded and would be eligible for SRF funds at the rates offered for the applicable project type as indicated in the IUP.

Example: A \$1M project that qualifies for an OSG grant would receive the following financing package:

Project Costs	Grant	Principal Forgiveness	DEP Loan (Interest Free)	I-Bank Loan (AAA all-in Market Rate)
First \$1M (OSG)	\$0.8M	\$0.2M	\$0M	\$0M
Total (\$1M)	\$0.8M	\$0.2M	\$0M	\$0M

- ix. **Sandy Relief:** Sandy Relief funds remain available for clean water facilities that were damaged by Superstorm Sandy and are constructing repairs or resiliency to prevent future damage to a treatment facility or water system from a similar event. Resiliency projects include elevating critical infrastructure, flood walls, backup power sources and more. Sandy Relief funds were made available in a one-time installment and offered while funds remain. It is expected that all remaining Sandy Relief funding will be allocated to the Linden Roselle Sewerage Authority's S340299-08 project. This project also qualifies for a Community Development Block Grants (CDBG) Loan which will be offered to qualifying projects in

low to moderate income communities as a 100% DEP loan with principal forgiveness for the borrower of up to 25% of the total loan amount. For Sandy-related loans that accept US HUD Community Development Block Grant (“CDBG”) funds, DEP may waive all or a portion of its 2% Loan Origination Fee to offset the cost of complying with HUD’s additional requirements. If all the Sandy Relief funds are awarded in SFY 2023, new submittals will be eligible under the Base SRF loan structure.

- x. **Pinelands Infrastructure Trust Financing Program:** The Water Bank expects to make loans to eligible clean water projects identified in the [Pinelands Infrastructure Trust Fund \(PITF\) Infrastructure Master Plan](#) in SFY 2023. These loans will help local governments and utility authorities defray the costs associated with supporting the population and economic growth targeted to Pinelands Regional Growth Areas. The Pinelands Infrastructure Projects have been ranked by the Pinelands Commission in accordance with their ranking methodology set forth in PITF as amended by the Pinelands Commission in February 2019. Project selection and funding levels were adopted by the Pinelands Commission in June 2019. Approximately \$15.9 million will be available from the Pinelands Infrastructure Fund for qualifying clean water, drinking water and transportation projects. Project financing will generally consist of 50% loan, 40% grant, and 10% local match. In cases where a hardship has been identified, the local match may be waived, and the award will be allocated as 50% loan and 50% grant. The Department is planning to capture any eligible clean water projects and utilize State Bond funds from the Pinelands Program as credit towards the State Match requirement or future State Match requirements.
- xi. **Small Drinking Water Systems (NANO):** In SFY 2023, systems serving 10,000 or fewer customers will continue to be funded in ranked order with the available \$4 million principal forgiveness and approximately \$4 million in principal forgiveness from previous years, subject to any State and federal limitations. These loans consist of principal forgiveness financing for 50% of project costs and a loan with a Blended Interest Rate of 50% of I-Bank’s AAA all-in Market Interest Rate for 50% of project costs. Projects are capped at \$1 million. Additional financing is available at the applicable base rates for amounts greater than the \$1 million cap. These projects are selected based on priority ranked order. In addition, the DEP intends to prioritize projects that have secured federal/non-profit grants to be leveraged with SRF funding.

Small water system loans are available to larger, more viable water systems, which are willing to take ownership of small water systems, and make the corresponding, required capital improvements. Therefore, the larger water systems would be eligible for the same enhanced loan terms as the otherwise eligible small water system. (DW only).

- xii. **Very Small Water System Program (water systems serving 1,000 or less):** \$2 million of SRF funds is being made available for programs directed at small systems that receive support through Department technical assistance programs, including Community Engineering Corp and the Engineering Contract with New Jersey Water Association (NJWA). These programs identify water systems that need assistance to come into compliance with federal and State drinking water regulations and partner the systems with engineering services needed for a Water Bank Loan. Planning and design services, including permitting and the submittal of the Environmental Decision Document, are typically provided to help water systems that do not have funds to cover the upfront costs. Once planning and design is

completed, loans will be offered as 100% principal forgiveness, capped at \$750,000 per water system (PWSID)/per year. The Department will not charge permit fees to these small systems.

In addition, in SFY 2023, the Department set aside \$3 million in state appropriations to provide direct grants to water systems that serve fewer than 1,000 persons and do not meet credit eligibility requirements of the Water Bank Financing Program credit policy to qualify for a loan. This is necessary to protect public health in these small systems where financial constraints limit the ability of these water systems to move forward with critical repairs or treatment projects.

- xiii. **Replacement of Lead Service Lines:** The existence of lead service lines in some of the State's aging drinking water infrastructure poses potential risk to public health. This risk can be significantly reduced through the identification and replacement of lead service lines or through the installation of corrosion control treatment.

In July 2021, Governor Phil Murphy signed into law P.L.2021, Ch.183, which requires community water systems in NJ to identify all lead service lines (LSL), provide public notification regarding the presence of all lead service lines, and replace all lead service lines by 2031. Lead service line inventories must have been posted on the websites of water systems by January 2022. The law includes a requirement for community water systems to notify residents who have lead service lines.

For SFY2023, the BIL provides \$49 million to New Jersey for projects to address lead in drinking water. At least 49% (or approximately \$25M) must be used as principal forgiveness. Loans to eligible water systems will be offered as up to 50% of total project costs in principal forgiveness capped at \$5 million per applicant/per year. Up to \$10 million of allowable project costs above the project caps may be financed at the affordability rate (blended interest rate of 25% of the I-Bank's all-in Market Rate) for applicants that meet affordability criteria. The remainder of the project balance may be financed by the I-Bank at 100% of the I-Bank's AAA all-in Market Interest Rate as capacity allows.

Publicly owned and privately (investor)-owned water systems are eligible for principal forgiveness if the project is located in a municipality that meets New Jersey's Drinking Water Affordability Criteria. Priority ranking points will be given to water systems that currently have an open lead action level exceedance and those that meet the Drinking Water Affordability Criteria. Water systems that do not exceed the lead action level but want to replace lead pipes are eligible for principal forgiveness in ranked order.

LSL Replacement Loan Requirements

The following criteria must be met for a lead project to be eligible for Water Bank loans:

- Be able to document the presence of lead service lines and components through historic records that the lines to be replaced are lead. Acceptable records include information on the age of the houses and high probability of lead lines and components being present, line installation records, etc.

- Provide an LSL Replacement Plan consistent with the requirements of P.L.2021, Ch. 183, and Capital Improvement Plan to establish a strategy for lead line replacement that complies with all federal and State requirements.
- Principal forgiveness shall be utilized to address the cost-share of the property owner as applicable.

Partial lead line replacements are not eligible for funding and prohibited under the recent legislation P.L.2021, Ch.183. Note that if the replacement of only a portion of the service line results in a full replacement of all lead lines, galvanized lines, or components, it is considered a full replacement eligible for funding through DWSRF.

Financing Example for a Disadvantaged Community: A \$30M lead service line replacement project in a system owned by a municipality that meets NJ's disadvantaged community definition and is needed for public health protection to comply with the recent legislation requiring the replacement of all lead service lines within 10 years. The funding package will be as follows:

Project Costs	Principal Forgiveness	DEP Loan (0%)	I-Bank Loan (AAA all-in Market Rate)
First \$10M	\$5M	\$2.5M	\$2.5M
Next \$10M	\$0M	\$7.5M	\$2.5M
Next \$5M	\$0M	\$2.5M	\$2.5M
Last \$5M	\$0M	\$0M	\$5M
Total (\$30M)	\$5M	\$12.5M	\$12.5M

- xiv. **General BIL Principal Forgiveness:** The Department recognizes that the estimated costs to fund critical infrastructure, including the replacement of lead service lines and the addition of treatment for emerging contaminants, exceeds the available funds. Therefore, the Department is reserving \$10 million of the \$15 million allotted by the BIL for any eligible drinking water project to provide principal forgiveness to additional projects to address emerging contaminants or lead to assist water systems in complying with State and federal requirements. Once the principal forgiveness funds for emerging contaminants (\$13 million) and lead line replacement (\$25 million) have been allocated to higher ranked projects, the additional \$10 million will be directed in priority ranked order to qualifying lead or PFAS projects in other disadvantaged communities that meet NJ's Drinking Water Affordability Criteria.

The remaining \$5 million of BIL principal forgiveness for any eligible drinking water project will be made available for projects, other than those to address emerging contaminants or lead, that meet the Drinking Water Affordability Criteria in SFY 2023. There is a \$1 million cap of principal forgiveness per applicant in SFY 2023. Principal forgiveness funds will be allocated to Affordability projects within the fundable range on a readiness to proceed basis. Project sponsors are eligible to receive principal forgiveness for up to 100% of allowable costs for the first \$1 million of allowable projects costs. Project costs in excess of the Principal Forgiveness financing package (first \$1 million in project costs), up to \$10M of additional project costs may be financed at the affordability rate (Blended Interest Rate of 25%

of the I-Bank's AAA all-in Market Rate). The next \$14 million of project costs may be financed at a Blended Interest Rate of 50% of the I-Bank's AAA all-in Market Rate. The remainder of the project balance (costs over \$25 million) may be financed by the I-Bank at 100% of the I-Bank's AAA all-in Market Interest Rate as capacity allows.

- xv. **Drinking Water Affordability:** Public water systems that serve disadvantaged communities, as defined by NJ's Drinking Water Affordability Criteria, are also eligible for loan rates offered under the affordability funding package. The publicly-owned and privately-owned water systems serving these communities will receive a funding package with a Blended Interest Rate of 25% of I-Bank's all-in AAA Market Interest Rate capped at \$10 million. In addition, the total project costs are capped at \$25M per applicant per year, including any portion of the project financed at the enhanced subsidization rate (Nano, affordability, PFAS, Lead). Project costs over the specified caps may be financed by the I-Bank at 100% of the I-Bank's AAA all-in Market Interest Rate as capacity allows.

Additionally, as described above, the \$5 million in principal forgiveness funds received through the general BIL will be distributed to high-ranking projects in this category that do not qualify in the emerging contaminants or lead line replacement categories.

DISASTER RELIEF EMERGENCY FINANCING PROGRAM (SAIL)

Authorized in SFY 2014, the I-Bank developed and implemented the Disaster Relief Emergency Financing Program known as the Statewide Assistance Infrastructure Loan (SAIL). SAIL assists those communities in counties impacted by a declared disaster with financing environmental infrastructure projects to repair adversely impacted systems or improve the resiliency of such systems or similar systems that reasonably would have been impacted by such a disaster. The establishment of well documented and refined program parameters, procurement of technical assistance, successful funding of SAIL projects, and amassing strong working knowledge of reimbursement programs under the Federal Emergency Management Act has positioned the Program to provide immediate assistance to adversely impacted environmental infrastructure systems in the next disaster.

Disaster-related projects eligible for financing through the SAIL Program include a wide variety of wastewater treatment, stormwater management and nonpoint source pollution abatement projects that were impacted by Superstorm Sandy. The SAIL Program provides short-term loans, generally in advance of federal disaster reimbursement grants, to address the immediate cash flow needs of municipalities and authorities for:

- The project's local match requirement and/or in anticipation of reimbursement through federal grant programs including but not limited to FEMA 406 and 404 grant programs, HUD-CDBG and the NJEIFP to pay for construction costs related to the repair of infrastructure damaged during Sandy; and
- Projects to improve infrastructure resiliency in future disasters.

Eligible applicants include local government units, including municipalities, counties, sewerage authorities, municipal utilities authorities, county improvement authorities and other subdivisions of government. SAIL significantly broadens the options available for financing such projects by providing funding opportunities to projects otherwise unable to secure financing and expanding funding sources through low interest loans for

terms up to 5 full fiscal years, inclusive of planning and design activities. Specific financing terms are included in the May Report.

Projects financed through the SAIL Program are on a first-approved, first-funded basis provided the project satisfies the requirements of the SAIL legislation and the I-Bank Board Resolution originally approved June 15, 2013, and amended and restated on June 15, 2017, which includes:

- Submission of a Letter of Intent and environmental planning documents;
- Project permits;
- Construction design documents and State and I-Bank loan applications;
- If an applicant seeks SAIL financing for short-term cash flow needs in anticipation of federal reimbursement (e.g. FEMA), the application review also requires satisfaction of the requirements of the federal program from which reimbursement is or will be sought;
- A certification by the Commissioner of the DEP that the Project is necessary and appropriate to repair damage to a wastewater treatment system or water supply facility directly arising from an act of terrorism, seismic activity or weather conditions that occurred within the three State Fiscal Years after a declaration by the Governor of the State (the “Governor”) of a state of emergency, provided that such wastewater treatment system or water supply facility is located in a county included in the Governor’s state of emergency declaration, or
- Mitigate the risk of future damage to a wastewater treatment system or water supply facility from an act of terrorism, seismic activity or weather conditions comparable in scope and severity to an act of terrorism, seismic activity or weather conditions that occurred within the three State Fiscal Years after a declaration by the Governor of a state of emergency, provided that such wastewater treatment system or water supply facility is located in a county included in the Governor’s state of emergency declaration;
- The Project is listed on the SAIL Disaster Relief Emergency Financing Program Priority List for funding in the forthcoming State Fiscal Year submitted to the Legislature in a form provided by the Commissioner of the DEP and within 3 fiscal years of the declared disaster;
- The proposed Borrower has submitted a complete application for the Project to the I-Bank; and
- The Board of Directors of the I-Bank has certified the Project.

The majority of SAIL loan applicants have confirmed interest in long-term NJEIFP financing for a portion of project costs and as such, such SAIL projects will be certified for compliance with SAIL and NJEIFP program requirements as well as program requirements of the applicable federal program from which reimbursement is sought. Given the potential risks to FEMA funding eligibility if EPA capitalization grants are utilized for any portion of long-term loans, significant resources are being committed to ensure consistency of funding sources.

Given the necessity that project expenses meet FEMA/HUD requirements as a condition of reimbursement and the need to have such applications approved expeditiously, the program has retained an outside engineering consulting firm to assist in the review of construction design and eligible costs, conduct site visits and review

disbursements. Although it is anticipated that the majority of such costs will be reimbursed by federal funding sources, ineligible/unreimbursed amounts are the responsibility of the applicant. Qualifying SRF amounts will be financed by NJEIFP and paid for by the SAIL program Borrower. Such costs will typically be incorporated into the long-term financing program package.

Since its inception in 2013, SAIL has proven to be a particularly successful disaster financing program. Fourteen (14) SAIL projects, with an estimated cost of \$682.1 million, have expressed interest in SAIL financing, all of which are projects to improve the resiliency of wastewater facilities adversely impacted during Superstorm Sandy. As of May 2022, ten (10) have completed construction at an estimated project cost of \$192.3 million, one (1) is under construction at a total estimated project cost of \$13.2 million, and it is anticipated that the remaining three (3) projects have received contract certification at a total of \$476.6 million.

SAIL participants also enjoy a number of unique benefits including an abbreviated application review period. Borrowers benefit from a streamlined FEMA reimbursement process: (1) the I-Bank provides funds to Borrowers to pay construction costs within an average of forty (40) days of receipt of requests for reimbursement, a marked improvement relative to project sponsors who would otherwise be seeking reimbursement from FEMA individually; and (2) SAIL staff possesses an expertise in FEMA regulations and compliance matters and guide Borrowers in the proper structuring of reimbursement requests to reduce the frequency of rejected or unreimbursed cost submissions as well as the probability of non-compliance with FEMA's requirements.

The SFY2023 Disaster Relief Emergency Financing Program Project Priority List set forth in Appendix A identifies environmental infrastructure projects eligible for SAIL financing pursuant to N.J.S.A. 58:11B-9.5. Projects having received SAIL financing through December 31, 2021 are set forth in Appendix C.

ELIGIBLE PROJECTS / BORROWERS

The NJEIFP provides funding for environmental infrastructure projects with a primary focus on clean water and drinking water construction, rehabilitation and repair of systems which are owned and or operated by local government units and public water systems (entities possessing a permit for the delivery of Safe Drinking Water).

Projects eligible for Clean Water funding include wastewater management, storm water management and non-point source pollution control projects, landfill closures, open space land acquisition, brownfield remediation and well sealing. Owners of publicly-owned treatment works (towns, boroughs, municipal utilities authorities, counties, regional water authorities, other local government units, etc.) with projects to improve water quality are eligible for the Financing Program. Private entities are eligible through public conduit Borrowers. The NJEIFP also opened up project eligibility to private colleges and universities that are interested in sponsoring nonpoint source pollution projects to help address water quality concerns under the Clean Water SRF.

Projects eligible for Drinking Water funds include the rehabilitation or development of sources to replace contaminated drinking water sources, treatment and storage facilities transmission/ distribution pipes and appurtenances to prevent contamination or improve water pressure to safe levels, and upgrades to security measures. Detailed information regarding eligible projects is set forth below. Public community water systems, both privately and publicly owned, and nonprofit non-community water systems (as defined by the National

Primary Drinking Water Regulations) are eligible for NJEIFP assistance. Public community water systems owned by water commissions, water supply authorities, and water districts are also eligible. Federally owned systems and State-owned system (State agencies, such as State Police, Parks and Forestry, and Corrections) are not eligible to receive NJEIFP assistance.

In addition to the project types listed above, project sponsors are encouraged to propose any projects to the NJEIFP that have energy efficiency, water efficiency or clean air aspects that may not typically be viewed as a clean water or drinking water project. These activities are likely to be eligible for NJEIFP assistance as USEPA has indicated their support for these sustainability initiatives and the construction of Green Infrastructure.

Applicants must demonstrate an ability to meet repayment obligations and satisfy the Program's credit worthiness standards, which requires an investment grade credit rating or a suitable credit enhancement with exceptions provided for very small loans. Approximately 88% of the Financing Program's current Borrowers provide a municipal general obligation pledge.

BORROWER BENEFITS

Specific financing terms for the upcoming fiscal year are set by the I-Bank in the May Report. In general, Program participants realize significant cost-saving measures through the following program features:

DOLLAR SAVINGS

- Low-Interest Funds during Construction – The I-Bank Board annually determines the interest rate or methodology to be applied to short term loans. Any interest charges incurred by participants pursuant to a Short term loan are accrued and may be capitalized through the term of the loan. ;
- Interest Cost Savings Substantial interest savings are available through a financing package that includes a portion of loan funds at zero-percent interest from the State through the Department resulting in grant-like savings of approximately 20% for borrowers with AAA ratings and even more for Borrowers with credit ratings less than AAA.
- Earnings Credits – Investment earnings from all bond funds, such as the project fund, revenue fund and, when applicable, debt service reserve funds, are distributed to Borrowers as credits toward their debt service payments;
- No bond insurance required - The Program's financial structure produces the highest possible credit rating without the expense or requirement for Borrowers of purchasing costly bond insurance;
- No reserve – Borrowers in the Financing Program are exempted from the Division of Local Government Services requirement of posting a 5% reserve prior to bond issuance;
- Minimized cost of financing – Borrowers are charged a flat 0.10 percent fee for cost-of-issuance of I-Bank bonds on the I-Bank portion of their total project loan (i.e. excluding DEP's loan funds). The remainder of the cost-of-issuance of the bonds is subsidized and paid by the I-Bank;

- No front-loading requirement – LGUs issuing their own general obligation debt are often required to “front load” their repayment schedule. This ensures that debt service payments are larger in the early years of the loan and decline over time. The Financing Program provides for level debt service throughout the life of the loan normalizing annual payments for rate payers;
- Refunding – The I-Bank continually monitors market conditions to assess when interest rates meet the State’s savings threshold for refunding prior bonds. All savings realized from prior bond refundings (a total of \$185 million since the Financing Program’s inception), are passed on to Borrowers, further lowering their loan costs; and
- Debt service reserve fund – Investment grade rated Borrowers are relieved of their obligation to commit a portion of loan funds to debt service reserve due to the Program’s Master Program I-Bank collateralization structure that supports all borrowers.

CASH FLOW FLEXIBILITY

- Upfront Cash – The disbursement of funds is expedited based on a rapid requisition approval process relieving Borrowers from utilizing cash-on-hand to pay contractors and vendors up front;
- Capitalized interest –Borrowers may capitalize interest on the long-term loan as allowable by the IRS guidelines;
- Deferred Principal Repayment – During the Short-Term loan period no principal repayments are due. Additionally, to better align a project’s cash flow dynamics, Borrowers may defer principal repayment as allowable by the IRS guidelines;
- Generous allowable costs – Associated project costs, including planning and design, engineering, local financing, and right-of-way restoration may be financed through the program. An eligible project’s reserve capacity costs such as excess project capacity may be financed through an I-Bank-only loan; and
- Flexible Term - Shorter term financing is available for Borrowers who wish to minimize the repayment period of their loan.

ADMINISTRATIVE

- No Arbitrage Worries - The I-Bank manages federal IRS arbitrage rebate requirements, relieving Borrowers of the cost and administration of this obligation;
- No Secondary Disclosure Requirements – Due to the size of the Financing Program, presently no single Borrower is a Material Obligated entity. As a result, Financing Program Borrowers are not required to fulfill secondary disclosure requirements for the S.E.C.; and
- Timely Decisions – The Department prioritizes Financing Program project reviews.

SFY2021 NJEIFP SUMMARY

PROJECTS

LONG-TERM FINANCING

Bond Pool Projects: A total of **thirty-three (33)** Borrowers representing **fifty-nine (59)** clean water and drinking water projects received long-term NJEIFP financing in the amount of **\$378,200,680** in SFY2021. Most of these projects were funded as part of bond pools through a combination of bond proceeds and state and federal funding sources. Most loans received an interest rate equivalent to 25% to 50% of the I-Bank AAA all-in Market Interest Rate.

SHORT-TERM LOAN PROJECTS

In the SFY2021 Financing Program, **eighty-seven (87)** Borrowers representing **one hundred five (105)** clean water and drinking water projects received short term construction loans in the amount of **\$725,673,669**. Four (4) of these eighty-seven (87) Borrowers received long-term financing by June 30, 2021.

SAIL LOANS

Two disaster emergency SAIL Program loans issued by the I-Bank were converted to long-term financing in SFY2021 to finance Superstorm Sandy-related rebuild and resiliency projects in the total amount of \$2.20 million:

- **Passaic Valley Sewerage Commission** financed a \$1,580,000 project for the relocation of PVSC's treatment plant sump pumps to ensure the facility will be capable of continued operation should flooding conditions occur again as they did with Superstorm Sandy with \$421,280 in long-term financing through the I-Bank in SFY2021 and the balance from FEMA.
- **Passaic Valley Sewerage Commission** financed a \$31,995,000 project for the replacement and relocation of electrical switchgear and Motor Control Centers throughout the wastewater treatment plant that were damaged due to flooding damage from Superstorm Sandy with \$1,777,225 in long-term financing through the I-Bank in SFY2021 and the balance from FEMA.

These SAIL loans allowed the undertaking of the physical construction months in advance of when such projects might have otherwise begun, allowing the disaster-impacted system to build resiliency and return to more normal conditions sooner and with less financial strain on the communities.

TOTAL SFY2021 PROJECTS

In SFY2021, 105 projects received funding through short-term and/or long-term loans totaling approximately \$725.7 million.

See Appendix E for a Summary of these projects.

PRIORITY SYSTEM, INTENDED USE PLAN (IUP), AND PROJECT PRIORITY LIST

BASE SFY2023 NJEIFP LOANS

The CW Plan and DW Intended Use Plans detail the State's proposal to expend federal capitalization grants to finance the NJEIFP's Clean Water and Drinking Water project loans in the ensuing State fiscal year. The proposed CW and DW Plans for SFY2023 were published in March 2022. This Report, in part, reflects the contents of the proposed CW Plan for both the SFY2023 Base and Sandy Financing Programs and proposed DW Plan for both the SFY2023 Base and Sandy Financing Programs.

Sources of funding for Superstorm Sandy projects for FFY2021/SFY2022 will come from the unused portion of FFY2017 Disaster Relief Appropriations Act ("DRAA"), and authorized funds from the DEP and the I-Bank. Although the Department is working to award all the Sandy CWSRF and Sandy DWSRF funds in the SFY2022 Program, there is the possibility that not all of the available funds will be utilized by the end of the fiscal year. Therefore, the Department will continue to accept application submittals under the Sandy CWSRF Program, which generally includes a principal forgiveness component of approximately 19% of the allowable costs. If all the Sandy CWSRF funds are awarded in SFY2022, new application submittals will still be eligible for financing under the Base Loan Program's loan structure.

Consistent with the SFY2023 Intended Use Plan, the DEP is reserving 4% of the Sandy capitalization grants for program administration expenses and reserving an amount equal to the 20% State Match to ensure that the source funding for the State Match is used in a manner compatible with its origination.

PRIORITY SYSTEM

A single priority system is utilized for both the CW-Base SFY 2023 and CW-Sandy SFY 2023 Financing Programs and a separate priority system is utilized for both the DW-Base SFY2023 and DW-Sandy SFY 2023 Financing Programs. The CW Plan and DW Plan each include a priority system that identifies the project activities that are eligible to be financed in each year's Financing Program. *Eligible project activities are summarized below.*

The CW Plan and DW Plan priority systems set forth the methodology utilized to rank projects. The principal elements of the CW proposed priority system are local environmental enhancement planning activities, project discharge category, water use/water quality, smart growth approvals and population. The highest-ranking systems are those that address discharges of raw, diluted or inadequately treated sewage to the State's waters during wet weather.

The DW proposed priority system describes the ranking methodology for eligible drinking water projects. Project ranking within the DW SFY2023 Financing Programs priority system is based on criteria pertaining to compliance and public health, smart growth approvals, affordability, and population. The current priority system ranking methodology used for ranking CW and DW projects is set forth below.

PROJECT PRIORITY LISTS

Upon receipt of a project sponsor's project information page through H2LOans, the Department determines project eligibility, ranks the project pursuant to the CWA or SDWA priority system, and places the project in ranked order on a Project Priority List. Identification of a project on a Project Priority List is a prerequisite to NJEIFP loan eligibility.

A Project is then eligible to apply for a Short-Term loan upon the submission of the Project Priority List with the legislature, the applicant's satisfaction of program application requirements and DEP's approval of a project contract (initially for engineering planning and design and later construction). Upon completion of construction, a Project on a Project Priority List will be designated eligible for long-term funding and placed, with other like projects, onto a sub-list referred to as the "Project Eligibility List." Upon enactment of the appropriations law identifying such project for long-term financing, and subsequent long-term loan closing, a project is removed from the Project Priority List. The projects eligible to participate in the SFY2023 Financing Program and their relative rank are set forth in the SFY2023 Project Priority List.

For DW projects, the Department will continue to provide authorizations to advertise and award contracts to allow an applicant to remain eligible to receive funding from the program if funds become available and the project is within the fundable range in accordance with the IUP. Applicants who proceed with bid advertisement and contract award do so without any commitment from the Department that funds will be provided and with an understanding the project sponsor is proceeding at its own risk and at its own costs until a determination of available Water Bank funds is completed.

The combined CW and DW projects on the Project Priority List for the SFY2023 Base Financing Program and Sandy Financing Program include a pool of six hundred seventy-nine (679) Clean Water and Drinking Water projects at a total estimated cost of \$6.79 billion. The SFY2023 Clean Water Interim Financing Program Project Priority List set forth in *Appendix A* includes environmental infrastructure projects eligible for financing pursuant to the Clean Water SFY2023 NJEIFP and Superstorm Sandy financing programs and consists of four hundred twenty-two (422) Clean Water projects at a total estimated cost of \$4,488,238,359, inclusive of Clean Water Pinelands projects. The SFY2023 Drinking Water Interim Financing Program Project Priority List *set forth in Appendix B* includes projects eligible for financing pursuant to the SFY2023 Drinking Water Financing Program and consists of two hundred fifty-seven (257) Drinking Water projects at a total estimated cost of \$2,298,829,629.

The Project Priority Lists for the Clean Water and Drinking Water Programs reflect information provided by the individual project sponsors and the Department's project ranking. A Project Priority List is an inaccurate indicator of projects to be funded in a given Fiscal Year. Projects are included with little effort by the project sponsor (submission of project information). Moreover, project cost information is generally inaccurate due to its calculation prior to project design and frequent revisions during the application process to reflect changes in scope and other circumstances. Changes are subject to DEP review and approval and may result in a change to project ranking. Finally, applicants routinely defer or withdraw projects from funding for myriad business reasons. As such, the project type descriptions and loan amounts should be relied upon only for general information.

ELIGIBLE PROJECT ACTIVITIES

CLEAN WATER

Base SFY2023 NJEIFP Loans are available for all traditional project activities fundable under the NJEIFP as set forth below, such as improvements to wastewater and stormwater systems. Pursuant to USEPA requirements, Sandy NJEIFP loans are limited to a subset of the traditional project activities that improve the resiliency of a system adversely impacted during Superstorm Sandy. SFY2023 Base and Sandy NJEIFP Loans are also subject to the availability of funds.

CLEAN WATER BASE SFY2023 NJEIFP PROJECTS

i. **Wastewater:**

Most projects associated with sewage collection, treatment, or disposal are eligible for financing, including correction of inflow/infiltration problems, sludge management and combined sewer overflows. Eligible projects include:

- Secondary and advanced wastewater treatment
- Well sealing
- Flood resiliency
- Sludge handling facilities
- Infiltration and inflow (I/I) correction
- Interceptors, pumping stations and force mains
- Sewer system rehabilitation
- New collection systems
- Correction of Combined Sewer Overflows (CSOs)
- Solutions for malfunctioning septic systems
- Wastewater reuse and conservation projects
- Combined Heat and Power (CHP) facilities
- Emergency Repair Projects that have been reported to the NJDEP Hotline to replace, in kind, the failure of an essential portion of a wastewater system and poses a substantial threat to the public health, safety, and welfare. A record of NJDEP Hotline contact is required to maintain project eligibility.
- Climate Resilience for Treatment Works
 - Relocation/elevation of certain assets or entire facility above current/projected flood stage

- Installation of flood attenuation, diversion, or retention infrastructure within or beyond the footprint of a treatment works that protects the treatment works including floodwater channels/culverts, green infrastructure, and natural systems capable of mitigating a storm surge (e.g., barrier beach and dune systems, tidal wetlands, and living shorelines)
- Saltwater resistant equipment/components
- Backup generators and fuel transport and storage tanks
- Portable pumps
- Physical hardening of electrical systems/equipment
- Dry floodproofing of structures
- Elevated walls/caps for treatment tanks
- Installation of redundant equipment/components
- Overflow tanks/tunnels

ii. **Stormwater:**

Eligible projects include construction, expansion, or replacement of stormwater management systems, including the following:

- Non-point Source Pollution/Stormwater management
- Construction of regional basins
- Major stormwater system rehabilitation
- Replacement of existing storm drains
- Rehabilitation of tide gates
- Extension of outfall points
- Runoff control (manure/feedlots and stream bank stabilization/ restoration)
- Stream/lake embankment restoration
- Salt dome construction

iii. **Equipment:**

Equipment that provides a water quality benefit can be financed under the NJEIFP including, but not limited to:

- street sweepers
- generators
- sewer flushing and cleaning equipment
- dump trucks

- crawler loaders
- skimmer boats
- aquatic weed harvesters
- outfall netting

iv. **Security Monitoring:**

Projects designed to improve security at otherwise funding eligible wastewater and drinking water facilities are eligible for funding, including but not limited to fencing, lighting, motion detectors, cameras, secure doors, and alternative auxiliary power sources.

v. **Green:**

Green projects are those clean water and drinking water projects that incorporate Green Infrastructure and water or energy efficiency improvements* (those that reduce greenhouse gas emissions, for example). “Green infrastructure” includes such practices as replacing existing pavement with porous pavement, utilizing bioretention, renewable energy, constructing green roofs, creating rain gardens, and other practices that mimic natural hydrology and increase effective perviousness.

*Water Bank eligibility for energy efficiency improvements is limited to the pro rata share of capital costs that provide power to a publicly owned treatment works.

vi. **Brownfields:**

The cleanup of abandoned and contaminated industrial sites is eligible for financing provided a local or county government assumes the repayment obligation for the loan. The NJEIFP will finance the removal of contaminated soil, site-capping, and the installation of stormwater controls.

Returning Brownfield sites to productive use protects the environment and preserves open space. Every acre of Brownfield redevelopment spares 4.5 acres of pristine land from development. Brownfield redevelopment also boosts local tax revenue, creates jobs, revitalizes New Jersey's cities and towns, and improves the quality of life for area residents.

The NJEIFP provides loans to municipalities, counties, and public authorities to support a wide range of cleanup and remediation activities necessary to restore the Brownfield site for re-use.

vii. **Landfills:**

Construction activities at existing landfills that have a water quality benefit are eligible for Water Bank financing. Examples include:

- Capping systems
- Liners
- Leachate collection systems
- Treatment systems

- Sewer connections
- Barge shelters
- Containment booms
- Litter fences
- Gas collection and treatment systems
- Monitoring wells
- Reclamation or reduction activities

viii. **Land Preservation:**

The NJEIFP provides financing for the preservation of open space and farmland given the water quality benefit achieved through such acquisitions. The Program funds preservation with regard to properties protecting stream headwaters and corridors, wetlands, and aquifer recharge areas. Financing for land is compatible with the Green Acres Program, the Garden State Preservation Trust, and Open Space programs financed by local and county Open Space taxes.

While lands purchased through the NJEIFP for preservation as part of Open Space cannot be developed, they may be used for passive recreational activities, such as hiking, fishing and horseback riding. Placement of conservation easements on funded parcels is a requirement which assures that the water quality benefits are preserved in perpetuity. Farmland preservation and best management practices are also eligible.

The NJEIFP will coordinate with the Green Acres Program, when appropriate, to maximize a community's limited open space funds for land acquisition. Through this partnership, municipalities can receive the additional resources to facilitate the purchase of larger and/or more expensive parcels.

ix. **Allowable Ancillary Costs:**

Additional costs that are eligible within a project include:

- Pavement restoration
- Utility relocation
- Site grading
- Purchasing land for stormwater use

x. **Asset Management Plans:**

Projects to develop and implement asset management plans (AMP) are eligible for financing. The AMP loans must be rolled into a Water Bank capital improvement project or repaid in 2 years. Long-term financing terms are established consistent with the Intended Use Plan operative at the time of certification of the construction contract(s).

xi. **Planning and Design:**

The Program offers short-term loans to cover the costs associated with planning and design of a water infrastructure project. Eligible costs include engineering fees, surveys, environmental or geological studies, and other costs related to project plan preparation. Short-term loans for Planning and Design must be rolled into a Water Bank capital improvement project or repaid in 2 years. Long-term financing terms are established consistent with the Intended Use Plan operative at the time of certification of the construction contract after the closing of a short-term loan, or at the time of short-term loan closing if the contract certification precedes the short-term loan.

CLEAN WATER SANDY SFY2023 NJEIFP PROJECTS

Although NJEIFP staff is working to award all of the Sandy CWSRF funds in the SFY2022 Program, there is the possibility that not all Sandy Funds will be committed in the current fiscal year. Given this possibility, the Program will continue to accept application submittals under the Sandy CWSRF Program for SFY2023, which includes a principal forgiveness component of approximately 19% of the allowable costs.

Clean Water Projects may qualify for Sandy NJEIFP funding if they fall within one of the following categories:

- Projects that prevent interruption of collection system operation in the event of a flood or natural disaster;
- Projects that prevent floodwaters from entering a treatment works;
- Projects that maintain the operation of a treatment works and the integrity of the treatment train in the event of a flood or natural disaster;
- Projects that preserve and protect treatment works equipment in the event of a flood or natural disaster; and
- Planning projects that assess a treatment works' vulnerability to flood damage or that analyze the best approach to integrate system and community sustainability/resiliency priorities in the face of a variety of uncertain futures including natural disasters and more frequent and intense extreme weather events, provided the planning work is reasonably expected to result in a capital project.

DRINKING WATER

DRINKING WATER BASE SFY2023 NJEIFP PROJECTS

Public community water systems (as defined by the National Primary Drinking Water Regulations), both privately and publicly owned, and nonprofit non-community water systems are eligible for NJEIFP Loans. Other types of water systems – both public and nonpublic – are not eligible. The main objective of DWSRF funding is to protect the public health in conformance with the objectives of the SDWA. Federally owned systems and State-owned systems (State agencies, such as state police, parks and forestry, and corrections) are not eligible to receive NJEIFP Loans. However, State authorized systems (water commissions, water supply authorities, and water districts) are eligible to receive NJEIFP Loans.

NJEIFP drinking water projects may qualify for funding based on the following criteria:

i. **Compliance and Public Health:**

- **General Guidelines**

NJEIFP Drinking Water Loans are only available for projects (not including monitoring, operation, and maintenance expenditures) that will facilitate compliance with National Primary Drinking Water Regulations and applicable USEPA guidance, so that water systems may further achieve the health protection objectives of the SDWA. These include projects to maintain compliance with existing regulations for contaminants with acute health effects (e.g., the Surface Water Treatment Rule, the Revised Total Coliform Rule, Ground Water Rule, and nitrate standard) and existing regulations for contaminants with chronic health effects (e.g., Lead and Copper Rule, regulated inorganics, volatile organics and synthetic organics, disinfection by-products, and radiological contaminants). In addition, projects that address the exceedance of a recommended upper limit for secondary contaminants and contaminants that exceed Department guidance levels are DWSRF eligible. Certain types of projects that address water supply issues related to public health protection are also eligible.

- **Projects to Replace Aging Infrastructure**

Replacement projects are also eligible if they are needed to maintain compliance or further the public health protection goals of the SDWA. Examples of these include projects to:

- Rehabilitate or develop sources (excluding reservoirs, dams, dam rehabilitation, and water rights) to replace contaminated sources;
- Install or upgrade treatment facilities, if the project would improve the quality of drinking water to comply with primary or secondary drinking water standards;
- Install or upgrade storage facilities, including finished water reservoirs, to meet minimum system storage requirements or prevent the introduction of microbiological contaminants to the water system;
- Install or replace transmission and distribution pipes to prevent contamination caused by leaks or breaks in the pipe, or improve water pressure to safe levels; and
- Install and enhance security at drinking water systems, including fencing, lighting, motion detectors, cameras, and alternative auxiliary power sources.

- **Projects to Consolidate Water Supplies**

Consolidation projects are eligible for NJEIFP Loans, as follows: 1) extension of water mains by a community water supply system to individual homes with contaminated wells; or 2) purchase or consolidation (i.e., restructure) of a water system that is unable to maintain compliance for technical, financial, or managerial reasons only if the financial assistance will ensure that the system returns to and maintains compliance with SDWA requirements and the owner or operator of the water system agrees to undertake feasible and appropriate changes in operations necessary to

ensure the system has the technical, managerial, and financial capability to maintain long-term viability and compliance with SDWA requirements.

ii. **Multi-Year Projects / New Wells:**

The construction of a new well presents challenges due to the extended length of time required to satisfy all permit requirements and obtain permit approvals. In order to provide a greater number of financing options and to get funds to water systems earlier in the well construction process, the NJEIFP offers more than one loan for new well projects.

A Short-Term loan is available for the **installation** of a well. Under this process, a project sponsor will apply for a loan to drill a well (new or replacement). The project sponsor would be eligible for loan award after DWSRF programmatic requirements are met and a Bureau of Water System Engineering (BWSE) permit to construct is issued and appropriate well permitting conditions are met. In the case of a test well, a well drilling permit is required only. In this scenario, the well could be constructed but not operated until a final permit is issued. If in the event of unforeseen conditions in which the well could not be utilized or re-designated from a test well to a production well, the project sponsor would be eligible for an additional Short-Term loan to construct a second well. However, the project sponsor will be required to submit documentation describing the failure of the first well and adequate technical analysis supporting the construction of the second well. The project sponsor would remain liable for both loans for both wells. The intent of this program is to ensure that the project sponsor has a usable well that will perform as intended over the life of the loan(s) and to provide the project sponsor with viable financing alternatives.

After a major modification for the Water Allocation diversion permit is issued, if applicable, the project sponsor could apply for an additional Short-Term loan to construct the necessary **appurtenances**, such as a well house, pump, associated treatment, etc. If the project sponsor does not pursue an additional loan for the construction of well appurtenances, the project sponsor must still commit to finalizing the project such that the result is a fully functioning, permitted production well.

An overview that details the process and duration of the new well funding process, such as the steps to obtain the Bureau of Water System Engineering and Bureau of Water Allocation and Well Permitting permits, obtain loan approvals, and submit all required DWSRF loan documents is summarized in a timetable, a copy of which is available by contacting the DWSRF staff at (609) 292-5550.

iii. **Green Project Reserve (GPR):**

GPR Projects are defined by USEPA as projects that address Green Infrastructure, water or energy efficiency improvements, or other environmentally innovative activities. Projects meeting this definition will follow the same process as all other NJEIFP drinking water projects. Certain projects, associated with the drinking water system improvements, are considered by USEPA as categorically eligible projects; such as solar power, wind turbines, geothermal or hydroelectric power, green roofs, bio-retention, porous pavements, grey water use, US Building Code LEED certified facilities, installing water efficient devices, new meters for an unmetered area, replacing existing meters with an automated meter reading system and pressure reducing valves. Certain projects may be eligible but need extra

justification under a business case review; such as cleaning and lining of water mains, replacing water meters with traditional meters, replacement of water mains or storage tanks to reduce water losses, energy efficient upgrades to pump stations or treatment plants and installation of SCADA systems.

Further clarification on GPR is available at:

<https://www.epa.gov/cwsrf/green-project-reserve-guidance-clean-water-state-revolving-fund-cwsrf>.

iv. **Small Drinking Water System Loan Projects:**

Nano Loan Program

The Small Systems loan program is designed to facilitate small system access to DWSRF financing. Qualified Borrowers are existing publicly-owned and privately-owned community water systems and non-profit, non-community water systems serving populations of 10,000 persons or less. These loans consist of principal forgiveness financing for 50% of project costs and a loan with a Blended Interest Rate of 50% of I-Bank's AAA all-in Market Interest Rate for 50% of project costs. Projects are capped at \$1 million. Additional financing is available at the applicable base rates for amounts greater than the \$1 million cap. These projects are selected based on priority ranked order. In addition, the DEP intends to prioritize projects that have secured federal/non-profit grants to be leveraged with SRF funding.

PROJECT RANKING METHODOLOGY

CLEAN WATER RANKING CRITERIA (BASE SFY2023 NJEIFP AND SANDY NJEIFP)

The Department ranks all projects based on the total number of ranking points each project receives and places the projects on the Priority List according to their ranking. The ranking system gives highest priority to projects that address discharges of raw, diluted, or inadequately treated sewage to the State's waters during wet weather, including projects to abate combined sewer overflows (CSOs) and projects to address sanitary sewer systems that overflow. CSO abatement projects are expensive and are usually located in financially distressed urban areas, making cost a serious concern. Discharges from combined sewer systems and sanitary sewer overflows impair water uses and can lead to the closing of beaches and shellfish beds. Lower-ranked projects can also qualify for financing since projects are certified/approved based not only on the project's rank, but also on the amount of available funds, and compliance with the Program's requirements for planning, design, and application submittal.

The Department encourages project sponsors that do not have an existing Asset Management Plan to develop and implement one. Asset management requires actively managing infrastructure capital assets to minimize the total cost of owning and operating them, while delivering the service levels customer's desire. Each utility is responsible for making sure that its system stays in good working order-regardless of the age of components or the availability of additional funds. Asset management programs with long-range planning, life-cycle costing, proactive operations and maintenance, and capital replacement plans based on cost-benefit analyses can be the most efficient method of meeting this challenge.

The Department's Priorities List provide a strategic foundation for structural changes and include objectives to implement projects that will help to protect, maintain, and improve water quality in and around the Barnegat Bay while determining the best long-term approach for restoring the ecological health of the Bay. To support these efforts to improve the water quality of the Bay, the project ranking methodology for the SFY2023 Financing Program provides an additional 300 priority points to nonpoint source and stormwater runoff control projects that are intended to benefit the Barnegat Bay. The additional 300 points will also be assigned to wastewater reuse projects that are intended to offset the loss of freshwater flows caused by the regionalization of sewage treatment plants and the use of ocean outfalls.

In addition to Barnegat Bay projects, projects receive points under five categories. These are (i) Sustainable Community Planning Activities, (ii) Project Discharge Category, (iii) Water Use/Water Quality, (iv) Smart Growth Approvals, (v) Environmental Justice Economic Overburdened Community Criteria and (vi) Population.

i. **Sustainable Community Planning Activities:**

The purpose of the provisions in this section is to encourage and facilitate implementation of environmentally sustainable practices at the local government level. Prudent environmental planning that incorporates sustainability measures is necessary to achieve cost-effective and environmentally sound water quality improvement within the watershed. Additional priority points will be awarded to projects located in or benefiting municipalities that have implemented programs and actions that go beyond compliance with existing regulatory requirements and incorporate the following environmental enhancement planning strategies.

Watershed-Based Implementation Plans: Watershed-Based Implementation Plans address impairment(s) found on Sublists 4 or 5 of the New Jersey Integrated Water Quality Monitoring and Assessment Report. Prudent watershed planning is necessary to achieve cost-effective and environmentally sound water quality improvement within the watershed. To provide an incentive for project sponsors to complete watershed-based plans that promote the implementation of point and nonpoint source pollution control projects that are consistent with Department goals, projects located in or benefiting municipalities that demonstrate implementation of watershed-based plans will be given an additional 50 priority points.

Implementation of Regional Stormwater Management Plans: Regional stormwater management plans are voluntary local analyses that provide targeted protection to a specific area based on local issues and conditions. Regional stormwater management plans are adopted into Water Quality Management Plans and may include specific implementation projects that address existing impacts of stormwater runoff. Projects located in or benefiting municipalities with adopted regional stormwater management plans will be provided an additional 50 priority points.

Sustainable Community Planning: Sustainable communities develop and adopt master plans and ordinances that improve the overall quality of life for citizens of today as well as generations of tomorrow by planning within natural resource capacity constraints and providing for a healthy economy, environment, and society. Projects located in or benefiting municipalities where sustainable community strategies have been developed and master plans and/or ordinances adopted will be

awarded an additional 100 priority points. These strategies/ordinances must include but are not limited to the following:

- A plan to reduce water consumption and increase water efficiency and re-use.
- Policies that require consideration of green design in municipal construction projects and redevelopment projects, such as green roofs, green streets, tree filters, rain gardens, rain barrels, porous pavements, etc.

The SFY2023 Priority System reflects the Department's priorities to encourage sustainable growth in communities by incorporating consistent criteria for the protection of natural resources and implementation of smart growth and green design principles.

Green design principles include green building practices that increase energy and water efficiency; use renewable energy; use environmentally friendly building materials that are made with recycled materials, are durable, sustainably harvested or produced locally; improve indoor air quality; and make appropriate site selection and minimize site disturbance to reduce environmental impacts.

ii. **Project Discharge Category Points:**

Table IA. Ranking Points Related to Project Discharge Category for Wastewater Treatment Facilities		
Project Discharge Category	Description	Points
Combined Sewer Overflow (CSO) & Sanitary Sewer Overflow (SSO)	This category includes projects that involve combined sewer system (CSS) rehabilitation/repair, the construction of treatment and/or storage facilities within CSS, at discharge locations or at STPs that reduce or eliminate CSOs, or the separation of combined sewer systems by the consolidation and elimination or sealing of CSO discharge points. Also included are projects that implement corrective measures to fix overloaded conveyance systems that experience chronic overflows.	600
Sewage Treatment Plant (STP) Improvements	STP improvements include upgrades or other improvements to a treatment process or the elimination of an existing STP and the connection to an alternative treatment facility to meet applicable treatment levels. This category also includes the purchase and installation of security and energy efficiency measures at the STP.	500
Sanitary Sewer System Rehabilitation	This category includes a wide variety of corrective measures to sanitary sewer collection and conveyance systems that do not experience chronic overflows, such as the rehabilitation, repair, or replacement of sanitary sewers, pump stations, interceptors, or the purchase of equipment to properly maintain the sanitary sewer system.	450
Sludge Treatment/Disposal Facilities	Included in this category are projects involving the construction of facilities to manage sludge from STPs or from potable water treatment activities, such as the installation of dewatering equipment, or the implementation of land application or composting activities. Also, included in this category of projects are improvements or repairs to sludge incinerators.	350

Wastewater Reuse	Wastewater reuse includes the construction of facilities that promote the reclamation of water for beneficial reuse such as the use of treated effluent for agricultural or other purposes. This category includes the construction of conveyance and distribution systems to allow for reuse activities.	300
Septic System Repair/Replacement	Under this category are projects that involve repairs, improvements, and/or replacement of individual or small community, on-site septic systems.	275
New Systems	This category includes projects that involve the expansion of a STPs' treatment capacity, and the construction of new facilities to provide collection, conveyance, or treatment of sanitary sewage.	250

All projects receive ranking points based on the project discharge category. In case of multiple purpose proposals, projects qualify for the discharge category that represents the major scope of the project. If a project has aspects that can be described by more than one category, the project may be broken into separate projects. Tables IA and IB show the project discharge categories and their corresponding ranking points.

In addition to the point assignments above, projects that implement green infrastructure, water, or energy efficiency improvements (including projects that are designed to reduce greenhouse gas emissions) will receive an additional 50 priority points. Green infrastructure includes such practices as replacing existing pavement with porous pavement, bio-retention, green roofs, blue roofs, and other practices that mimic natural hydrology and reduce effective imperviousness. Water and energy efficiency activities that can qualify for the additional points include the installation of digester or landfill gas recovery/reuse systems, photovoltaic cells, wind turbines, wastewater reuse, etc. Projects that are a mix of traditional and green technologies are only assigned the points if the green components represent a significant amount of the overall project activities.

Projects implementing climate resilience measures will receive an additional 100 priority points if the resilience components represent a significant amount of the overall project activities. Resilience measures for wastewater, and stormwater infrastructure projects must apply the best available and most geographically relevant climate information, projections, and standards.

Table IB. Ranking Points Related to Project Categories for Stormwater and Nonpoint Source Pollution Management Facilities		
Project Category	Description	Points
Stormwater Management and Other NPS activities	This category includes the construction or rehabilitation of stormwater basins, sewer systems or storm drains, the extension of outfall pipes, green roofs, green streets, tree filters, rain gardens, rain barrels, porous pavement, or the purchase of maintenance equipment (such as street sweepers, aquatic weed harvesters and skimmer boats). Also, included in this category are projects that stabilize streambanks, restore lakes or address runoff from salt storage facilities and the implementation of measures to address pollution concerns from agricultural cropland activities and manure runoff management and feedlot operations.	225

Landfill Closure, Open Space Land Acquisition and Conservation and Well Sealing	Included in this category is the implementation of measures to prevent and control pollutants from entering groundwater at non-operating landfill sites that are publicly owned and at abandoned well locations. The category also includes open space land acquisition and conservation projects that help to protect or maintain water quality.	150
Landfill Construction and Remedial Action Activities	This category includes the construction of facilities to collect, convey and/or treat leachate and runoff from new publicly-owned landfill cells or from publicly-owned contaminated sites.	75
Projects sponsored by Conduit Borrowers/ Private Activity	This category generally includes environmental infrastructure projects where a developer, LLC, partnership, or other private party is involved in the project. Also, included in this category are landfill closure measures and remedial action activities where the project site is privately owned. If a local government unit that sponsors a project on behalf of a private entity commits to providing a general obligation pledge (including its unlimited taxing power or municipal guarantee) as security for the DEP and I-Bank loans, the project is considered exempt from the conduit financing classification and corresponding funding limitations.	50

iii. **Water Use/Water Quality Points:**

Points are awarded based on the designated water uses of the receiving water as well as the existing water quality conditions in comparison to the ambient water quality standards. The assignment of points for “public nuisance” is given to on-site system projects where failures have been identified. Table II below shows the breakdown of the ranking points for water use; in general, the highest values are given for projects that discharge to water bodies with potable, recreational, and fishing uses.

Table II. Ranking Points Related to Water Use (Existing and Potential)			
Water Use		Basis/Description	Points
Public Potable Water Supply		Wastewater treatment plant discharges likely to have adverse impacts on an existing downstream potable surface water supply intake. Projects are evaluated based on relative distance between STP discharge and public potable water intake locations.	200
Recreation (“Primary Contact”)		Waters with bathing areas monitored routinely as public beaches as well as the Delaware River upstream of Trenton (north of East Bridge Street at the Lower Trenton Bridge).	125
Fishing	Shellfish	State water bodies that are designated as shellfish growing waters by <i>N.J.A.C. 7:12</i> .	125
	Trout	State freshwater bodies designated for trout production or maintenance by the NJ Water Quality Standards (<i>N.J.A.C. 7:9B</i>).	75
	Non-trout	State freshwater classifications not designated trout production or maintenance by <i>N.J.A.C. 7:9B</i> (see Trout description above), including all Delaware River freshwater zones above mile-point 85 as defined by the Delaware River Basin Commission.	25
Public Nuisance		Indirect water use impacts; applies to areas with identified on-site wastewater treatment system failures.	50
Agriculture		Surface water for agricultural use, such as irrigation and farm ponds, based on Department diversion permit (permits required for >70 gal/min diversion).	25
Industry		Surface water known to be used for industrial use such as cooling.	25

Table III shows the points for not meeting, or marginally meeting, certain water quality parameters. The points reflect the impact the parameters have on meeting the State's goal to protect and enhance surface water resources, quality criteria, and designated water uses. The magnitude of the contribution that municipal sewerage facilities have on each of the conditions is reflected in the points awarded under these categories. Dissolved oxygen and fecal coliform have the highest points because of their immediate and direct impact on the fishable/swimmable water use, coupled with the fact that inadequate municipal treatment facilities can be a major cause of contravening water quality standards.

Nutrients reflect the presence of phosphorus/phosphates and nitrates/nitrites in a water body. Excessive nutrient levels in freshwater streams and lakes may result in impacts on water uses, including algal blooms, depleted oxygen levels, odor, taste, and increased treatment costs for purveyors, impacts on aquatic populations, and esthetic concerns. Points are given for nutrients only if the surface waters involved significantly impact existing potable water reservoirs, surface water impoundments or lakes, public bathing areas, or shellfish growing waters. Since there are no nutrient standards for coastal and estuarine waters, no points were assigned for discharges to those water bodies.

Points for toxics address the relative magnitude of ammonia, metals, pesticides, and organic chemicals in the water body. Toxics were also given lower points since in most cases the significant contributions of toxic substances come from industrial sources that are better controlled through pretreatment and are only incidentally abated by municipal treatment facilities. In the case of the toxicity of ammonia, municipal facilities are usually the main source, but the most significant impact is associated with streams designated for trout production/maintenance, which already receive a high number of points under the water use category.

Table III. Ranking Points Related to Water Quality				
Water Quality		Points for Water Quality that		
		Meet	Marginally Meet	Do Not Meet
		The Water Quality Standard*		
Parameter	Dissolved Oxygen	0	50	100
	Fecal Coliform	0	50	100
Parameter	Nutrients	0	25	50
Category	Toxics	0	25	50

*The Surface Water Quality Standard for the applicable parameter or category.

iv. **Smart Growth Approvals:**

The Department seeks to coordinate and enhance the efforts to encourage smart growth through the implementation of the State Development and Redevelopment Plan. The Department assigns ranking points to projects that serve municipalities that have been approved under the Center Designation or Plan Endorsement Process.

For a project serving more than one municipality, the points were included for ranking purposes if the designated center or the endorsed plan is a significant component of the overall project. For further

information regarding the State Development and Redevelopment Plan, contact the Office of Planning Advocacy in the NJ Department of State at (609) 292-7156.

Table IV. Ranking Points Related to State Planning Commission Approvals	
Community Type	Points
Urban Centers and Complexes	50
Regional Centers	25
Existing Designated Towns	15
Existing Villages	10
Hamlets	5

In addition, projects located in or benefiting areas designated as Brownfield Development Areas, TDR receiving areas or Transit Villages also receive 10 points, so that these projects will rank higher than similar projects that are not located in, or provide benefit to, these smart growth areas.

v. **Environmental Justice Economic Overburdened Community Criteria:**

Projects are assigned 80 Environmental Justice Economic Overburdened Community Criteria points if at least 35% of the households served by the project, on a municipal basis, qualify as low-income households (at or below twice the poverty threshold in accordance with the most recent United States Census as determined by the United States Census Bureau). A weighted economic OBC criteria is calculated for a project sponsor whose water system serves more than one municipality as shown in the example below. Population served is based on the permanent population of the service area. Consideration will be given for projects with a qualifying service area population within a municipality that does not meet the 35% threshold.

Example:

Municipalities Served	% low-income households	Populations Served	Fraction of total population served	Weighted % of low income households
Lancaster	30%	5,000	0.167	5.01%
Mayberry	40%	10,000	0.333	13.32%
Hometown	35%	15,000	0.500	17.50%%
Total		30,000	1.00	35.83%

Please note for applicants that service more than 10 municipalities, the 10 municipalities that have the highest populations served will be considered in the above table for the overburdened community criteria.

vi. **Population Points:**

Projects are also assigned points based on the population of the area served by the project. One point is given for every million-people living in the project area on a year-round basis. Thus, if projects have

the same number of ranking points after having received all eligible points, population points become the tiebreaker, with higher priority given to the project serving the higher population.

Note: There is currently legislation pending in the state legislature that would require DEP to prioritize funding for environmental infrastructure projects for applicants with an established program to employ, at the project or related facilities, local residents or residents of nearby urban aid qualifying municipalities. If the legislation is enacted, the DEP will, to the extent consistent with federal law, amend the intended use plans as required to assign additional priority points to project applicants with an established program to employ at the project facility, or at related offices or facilities, persons who reside in the municipality in which the project is located, the service area of the project, or in surrounding municipalities that meet the criteria for State aid pursuant to P.L.1978, c.14 (C.52:27D-178 et seq.).

Emergency Repair Projects:

The Department recognizes that environmental infrastructure emergencies may occur that endanger public health and welfare and can result in substantial environmental damage. Such circumstances require an immediate response for which a complete technical and environmental review in advance of construction to address the emergency situation is not necessary or feasible. The Department has developed a process to respond expeditiously when emergencies occur, obtain basic project information, make an eligibility determination, and issue a pre-award approval so that owners/operators can expeditiously undertake the needed repairs and maintain eligibility for those expenditures through the NJEIFP.

Qualifying emergency conditions would be limited to those where failure has occurred or where failure is imminent and unless corrected, will result in substantial pollution of the environment (such as collapse of a wastewater line) and/or substantial curtailment of the functions of the infrastructure.

See the Emergency Loan Program Guidance Document in Appendix D for further information on eligibility and application requirements for emergency repair projects.

CW Order of Priority:

The SFY2022 CW program continues the project prioritization methodology first utilized in SFY2015. Funds available at the time of project approval (authorization to award a final construction contract), will be allocated to the approved project. CW projects are prioritized for funding based on the following criteria.

a. Emergency Projects

Emergency projects are considered a public health hazard and will receive funding priority over other new projects on the Project Priority List both for interim as well as long-term financing.

b. Supplemental Loans

Projects which have received loans to date which require additional funds due to the award of all project related contracts or for increased costs due to differing site conditions. Priority between

projects that are eligible to receive Supplemental Loans and that received their original loans in the same funding cycle will be determined according to each project's ranking on the respective funding year's priority list.

c. **Current Year Project Submissions**

CLEAN WATER AND DRINKING WATER AFFORDABILITY CRITERIA

Section 603(i)(2) of WRRDA requires States to develop affordability criteria that will assist in identifying applicants that would have difficulty financing projects without additional subsidization. The law requires that states establish affordability criteria by September 30, 2015, after providing notice and an opportunity for public comment, which is being accomplished through this new feature of NJ's CW and DW Intended Use Plans.

New Jersey has elected to use the identical factors to determine the Drinking Water Affordability Criteria and the Clean Water Affordability Criteria.

In New Jersey, those applicants that meet either of the following two criteria are considered to have satisfied the State's **Clean Water and Drinking Water Affordability Criteria**:

1. **Project Affordability Score** of 80 or less; or
2. The project is eligible to receive 80 **Environmental Justice Economic Overburdened Community Criteria** CWSRF ranking points.

Project Affordability Score = Project Median Household Income (MHI) Factor – Project Unemployment (UE) Factor – Project Population Trend (PT) Factor

Project MHI Factor = $100 \times (\text{Project MHI} / \text{State MHI})$

Project UE Factor = 1 if Project Unemployment Rate > State Unemployment Rate

Project UE Factor = 0 if Project Unemployment Rate < or = State Unemployment Rate

Project PT Factor = 1 if Project Population Trend < State Population Trend

Project PT Factor = 0 if Project Population Trend > or = State Population Trend

Project Unemployment Rate is equal to weighted unemployment rate of the project service area using service area populations and county unemployment data. Calculation is similar to weighted MHI example below.

Project Population Trend is equal to the weighted population trend for the project service area using service area populations and municipal population trend data. Calculation is similar to weighted MHI example below.

Consideration will be given for projects with a qualifying service area population within a municipality that does not meet the Clean Water and Drinking Water Affordability Criteria.

NOTE: Population trend data and Municipal MHI data is from DCA's MRI worksheet, found at: <https://nj.gov/dca/home/MuniRevitIndex.html>, State MHI is from <https://www.census.gov/quickfacts/NJ>. Unemployment data is from https://www.nj.gov/labor/lpa/employ/uirate/fmth_2010-2020.xlsx.

A weighted MHI is calculated for a project sponsor whose clean water system serves more than one municipality, as shown in the example below. Population served is based on the permanent population of the water system service area.

Example:

Municipalities Served	MHI	Populations Served	Fraction of total population served	Weighted municipal MHI
Lancaster	30,000	5,000	0.167	5,000
Mayberry	20,000	10,000	0.333	6,660
Hometown	25,000	15,000	0.500	12,500
Total		30,000	1.00	24,160

Please note for applicants that service more than 10 municipalities, the 10 municipalities that have the highest populations served will be considered in the above table for the affordability factor.

A weighted unemployment rate for use in the UE Factor is calculated for a project sponsor whose clean water system serves more than one municipality/county, as shown in the example below. Population served is based on the permanent population of the water system service area.

Example:

Municipalities Served	County Unemployment Rate	Populations Served	Fraction of total population served	Weighted Municipal Unemployment Rate
Lancaster, County A	4.0%	5,000	0.167	0.668%
Mayberry, County A	4.0%	10,000	0.333	1.332%
Hometown, County B	6.5%	15,000	0.500	3.250%
Total		30,000	1.00	5.25% (Project Unemployment Rate)

Please note for applicants that service more than 10 municipalities, the 10 municipalities that have the highest populations served will be considered in the above table for the affordability factor.

A weighted population trend for use in the Population Trend Factor is calculated for a project sponsor whose clean water system serves more than one municipality/county, as shown in the example below. Population served is based on the permanent population of the water system service area.

Example:

Municipalities Served	Municipal Population Trend	Populations Served	Fraction of total population served	Weighted Municipal Population Trend
Lancaster	2.0%	5,000	0.167	0.334%
Mayberry	2.0%	10,000	0.333	0.660%
Hometown	-1.0%	15,000	0.500	-0.500%
Total		30,000	1.00	0.494% (Project Population Trend)

Please note for applicants that service more than 10 municipalities, the 10 municipalities that have the highest populations served will be considered in the above table for the affordability factor.

DRINKING WATER RANKING CRITERIA (BASE SFY202 NJEIFP)

DEP assigns points to each project using the Project Priority System and ranks all eligible projects according to the total number of points each project receives. All projects are subsequently placed on the Project Priority Comprehensive List (see *Appendix B*) according to their ranking. Projects with more points are ranked above those with fewer points. The addition of new projects to the Project Priority Comprehensive List, periodic revisions to the Priority System, or the identification of new information regarding a project, may result in annual changes to an individual project ranking.

Projects receive points under five principal elements of the Priority System: (i) Compliance and Public Health Criteria, (ii) Affordability, (iii) Smart Growth Approvals, and (iv) Population. Points are assigned for each of the four priority categories and are discussed in more detail below.

Category (i) includes the types of projects listed below that are eligible for DWSRF funding. A project must be assigned points from Category (i) to be eligible for ranking; points assigned from the remaining categories are in addition to the points received in Category (i). Priority points are assigned only if the project scope includes actual repair, rehabilitation, or correction of a problem or improvement clearly related to priority Category (i). Projects that include multiple elements, as listed in priority Category (i), are separately listed by the elements involved and priority points assigned for each element.

The order of project priority for funding in the proposed DW IUP is as follows:

1. Emergency Projects are considered a public health hazard and receive funding over other projects on the Comprehensive Priority List;
2. Surface Water Treatment Rule violations including uncovered finished water reservoirs;
3. MCL and Lead Action Level Exceedances;
4. Lead Service Line replacements in communities with an MHI less than the MHI for the

- State for water systems without a Lead Action Level Exceedance;
5. Unregulated contaminants (contaminants of emerging concerns);
 6. Small Systems serving less than 10,000 persons, up to 15 % of DWSRF Funds;
 7. Corrosion control and lead service line replacement in communities serving a population $\leq 1,000$ that have an MHI less than the MHI for the State;
 8. Projects that have secured federal/non-profit grants to be leveraged with SRF funding,
 9. Other projects currently on the comprehensive list.

The prospective applicant must notify DEP of any changes to project scope or any other circumstance that may affect the calculation of priority points. DEP recalculates, if appropriate, the prospective applicant's ranking utilizing the new information submitted and revises the priority ranking accordingly. Points are assigned for each of the four priority categories discussed below, as applicable:

i. **Compliance with the SDWA and Protection of Public Health:**

DWSRF funds are utilized to address contamination problems and to ensure compliance with the SDWA requirements. Priority is given to water systems in non-compliance with the surface water treatment requirements and those incurring acute primary maximum contaminant level (MCL) violations, or action level exceedances as defined in the National Primary Drinking Water Regulations and the New Jersey Safe Drinking Water Regulations (N.J.A.C. 7:10). Table I describes the project elements that are eligible for DWSRF funds:

Table I. Project Elements Eligible for Project Priority Ranking in the Drinking Water State Revolving Fund Program ²		
Priority Order	Project Description	Points
1.	Systems that use surface water that are not in compliance with the surface water treatment technique requirements or have had any acute violations (either E. coli or nitrates) and have been issued an administrative order or directive by DEP requiring the correction of any noncompliance of its treatment facilities to address an immediate public health threat.	500
2.	Systems that use groundwater under the direct influence of surface water, that are not in compliance with the surface water treatment technique requirements or have had any acute violations (either E. coli or nitrates) and have been issued an administrative order or directive by DEP requiring the correction of any noncompliance of its treatment facilities to address an immediate public health threat.	350
3.	Systems that use groundwater that have had any acute violation (either E. coli or nitrates).	300
4.	Systems that have had, or DEP reasonably expects to have, any primary maximum contaminant level (MCL) violations (except acute violations) or exceedance of action levels (Lead and Copper Rule).	250

² A project must be assigned points from Category (i) to be eligible for Project Priority List ranking; points assigned from Categories (ii) through (iv) supplement the points received in Category (i).

5.	Systems that have, or DEP reasonably expects to have, exceeded a groundwater quality criterion, or other guidance or advisory (such as a recommended MCL for unregulated contaminants) as deemed applicable by the DEP.	200
6.	Systems that were classified as vulnerable, as a result of a 2007 DEP Interconnection Study	200
7.	Replacement of lead services lines or installation of corrosion control treatment for systems without a lead action level exceedance.	175
8.	Systems that are under an Administrative Consent Order or other formal enforcement action based on a notice of noncompliance by DEP for reasons other than water quality; i.e. inadequate storage, inadequate source, lack of emergency power, etc.	170
9.	Purchase and/or consolidation of a water system to comply with the SDWA for capacity development.	165
10.	Extension of water mains, including associated appurtenances and water system facilities, to private wells that have had any maximum contaminant level exceedances or have exceeded lead and copper action levels.	165
11.	Existing treatment facilities that need to be rehabilitated, replaced, or repaired to ensure compliance with the SDWA.	160
12.	Systems that are proposing improvements to address resiliency and impacts of climate change, including drought or other related water supply management initiatives, as identified, or designated by the State.	150
13.	Systems that have lost well capacity due to saltwater intrusion and a solution is needed to preserve the aquifer as a viable aquifer.	150
14.	Existing transmission or distribution mains with appurtenances that need to be rehabilitated, replaced, repaired, or looped to prevent contamination caused by leaks or breaks in the pipe or improve water pressures to maintain safe levels or to ensure compliance with the SDWA.	75
15.	Existing pump stations or finished water storage facilities that need to be rehabilitated or replaced to maintain compliance with the SDWA.	60
16.	New finished water storage facilities or pump stations that are needed to maintain pressure in the system and/or prevent contamination.	50
17.	Addition or enhancement of security measures at drinking water facilities, including but not limited to fencing, lighting, motion detectors, cameras, secure doors and locks, cybersecurity, and auxiliary power sources.	45
18.	Green Infrastructure: renewable energy generation such as solar panels, hydroelectric, geothermal or wind turbines or infrastructure built at the water system facilities such as green roofs, porous pavement, bioretention or grey water reuse.	45
19.	Systems which have had any exceedance of any secondary drinking water regulations that have received notification issued by DEP that exceedance of a secondary drinking water regulation causes adverse effects on the public welfare, and for which the system has received a directive issued by the DEP requiring correction of the exceedance.	40
20.	Installation of new water meters and/or other water conservation devices, including but not limited to retrofit plumbing fixtures.	35
21.	Installation of new water meters and/or other water conservation devices, including but not limited to retrofit plumbing fixtures.	30
22.	Replacement of water meters.	25
23.	Redevelop wells, construct new wells, or construct or rehabilitate surface water sources with associated treatment facilities to meet the New Jersey Safe Drinking Water Act (SDWA) rules for required pumping capacity.	15
24.	Other project elements, not including items 1 through 23 above, that ensure compliance with the SDWA and protect public health, as approved by DEP.	1

ii. **Environmental Justice Economic Overburdened Community Criteria:**

Signed into law by Governor Phil Murphy on September 18, 2020, New Jersey's groundbreaking Environmental Justice Law, N.J.S.A. 13:1D-157, (Law) requires the New Jersey Department of Environmental Protection (NJDEP) to evaluate the contributions of certain facilities to existing environmental and public health stressors in overburdened communities when reviewing certain permit applications. The law also directs the NJDEP to publish a list of overburdened communities and provide notice to the 331 municipalities in which those communities are located.

Projects are assigned 80 Environmental Justice Economic Overburdened Community Criteria points if at least 35% of the households served by the project, on a municipal basis, qualify as low-income households (at or below twice the poverty threshold in accordance with the most recent United States Census as determined by the United States Census Bureau). A weighted economic OBC criteria is calculated for a project sponsor whose water system serves more than one municipality as shown in the example below. Population served is based on the permanent population of the service area. Consideration will be given for projects with a qualifying service area population within a municipality that does not meet the 35% threshold.

Example:

Municipalities Served	% low-income households	Populations Served	Fraction of total population served	Weighted % of low income households
Lancaster	30%	5,000	0.167	5.01%
Mayberry	40%	10,000	0.333	13.32%
Hometown	35%	15,000	0.500	17.50%%
Total		30,000	1.00	35.83%

Please note for applicants that service more than 10 municipalities, the 10 municipalities that have the highest populations served will be considered in the above table for the affordability factor.

iii. **Smart Growth Approvals:**

1. **State Development and Redevelopment Plan**

DEP seeks to coordinate and enhance the efforts to encourage smart growth through the implementation of the State Development and Redevelopment Plan. DEP assigns ranking points to eligible clean water projects consistent with an approved Water Quality Management Plan that serve municipalities that have been approved under the Center Designation or Plan Endorsement Process.

For a project serving more than one municipality, the points were included for ranking purposes if the designated center or the endorsed plan is a significant component of the overall project. For further information regarding the State Development and Redevelopment Plan, contact the Office of Planning Advocacy in the New Jersey Department of State at (609) 292-7156.

Table IV. Ranking Points Related to State Planning Commission Approvals	
Community Type	Points
Urban Centers and Complexes	50
Regional Centers	25
Existing Designated Towns	15
Existing Villages	10
Hamlets	5

Projects located in or benefiting areas designated as Brownfield Development Areas, Transfer of Development Rights receiving areas or Transit Villages receive 10 points, so that these projects will rank higher than similar projects that are not located in, or provide benefit to, these smart growth areas.

2. Green Project Reserve (GPR)

DEP promotes green infrastructure, water and energy efficiency, and environmental innovation in its water improvement projects. Therefore, DEP provides 15 additional priority points to any project that is a categorically eligible project.

Please note that the points from these four items of Category C can be cumulative. Please note for water systems that service more than one municipality; the municipality that has the highest population served will be counted for this category.

iv. **Affordability:**

The purpose of the affordability criteria is to determine which project sponsors' water systems are eligible for additional points under the Affordability Category.

Affordability is the degree of need for financial assistance based upon the New Jersey median household income compared to the municipal median household income (MHI). Affordability is determined by the following formula:

$$(Municipal\ MHI / Statewide\ MHI) \times 100 = Affordability\ Factor$$

Points are assigned as shown in Table II.

Table II. Point Values Assigned Based on Affordability Factor Calculation	
1. Affordability factor of 100 or greater	0 Points
2. Affordability factor from 85 through 99	15 Points
3. Affordability factor from 66 through 84	30 Points
4. Affordability factor less than or equal to 65	80 Points

The median household income of the municipality(s) which the water system serves, and the statewide median household income will be determined from income data in the most recent United States census, which is currently the 2010 census.

The DEP determined that for the purposes of the DWSRF Program, a municipality whose median household income is 35% or more below the State's MHI is considered a Disadvantaged Community and will receive 80 priority points which is proportionately greater than the other affordability factor points.

A weighted MHI is calculated for a project sponsor whose water system serves more than one municipality, as shown in the example below.

<i>Example of Weighted Avg. MHI</i>				
<i>Municipalities Served</i>	<i>MHI</i>	<i>Populations Served</i>	<i>Fraction of total population served</i>	<i>Weighted municipal MHI</i>
<i>Lancaster</i>	<i>30,000</i>	<i>5,000</i>	<i>0.167</i>	<i>5,000</i>
<i>Mayberry</i>	<i>20,000</i>	<i>10,000</i>	<i>0.333</i>	<i>6,660</i>
<i>Holmeville</i>	<i>25,000</i>	<i>15,000</i>	<i>0.500</i>	<i>12,500</i>
<i>TOTAL</i>		<i>30,000</i>	<i>1.00</i>	<i>24,160</i>

Please note for water systems that service more than ten municipalities, the ten municipalities that have the highest populations served will be considered in the above table for the affordability factor.

v. **Population:**

As a tiebreaker, projects are assigned points based on the permanent population of the water system service area. For a resort community where the summer and winter populations vary greatly, the permanent population will be calculated by taking the sum of twice the winter population and once the summer population and dividing by three (see below). For water systems that service more than one municipality, a total of all the permanent population served in the multiple service areas is used. Priority points are calculated as the permanent population served by the water system divided by 100,000, expressed as a decimal. In the event that projects remain tied, the project which serves a greater proportionate population in the water system's area is given higher priority.

Population served for resort communities will be calculated by the following equation:

$$[(2 \times \text{Winter Population}) + \text{Summer Population}] / 3 = \text{Weighted Permanent Population}$$

vi. **Drinking Water Emergency Projects:**

The following factors are also considered in project ranking: (i) Emergency Projects, (ii) Surface Water Treatment Rule violations including uncovered finished water reservoirs, (iii) MCL and Lead Action Level Exceedances, (iv) Lead Service Line replacements in communities with an MHI less than the MHI for the State for water systems without a Lead Action Level Exceedance; (v) Unregulated contaminants (contaminants of emerging concerns), (vi) Small Systems serving less than 10,000 persons, up to 15 % of DWSRF Funds, (vii) Corrosion control and lead service line replacement in communities serving a population $\leq 1,000$ that have an MHI less than the MHI for the State; (viii) Projects that have secured federal/non-profit grants to be leveraged with SRF funding, (ix) Other projects currently on the comprehensive list.

Emergency Projects - Given the limited response time to emergency projects, the following procedure has been developed to ensure rapid response while also maintaining funding eligibility:

Drinking Water Emergency Repair Projects will be defined as, and limited to, projects that replace, in kind, the failure of an essential portion of a public water system that will disrupt water service to any

number of the public water system's customers for a minimum of 24 hours total and/or poses a substantial threat to the public health, safety, and welfare. Only projects satisfying the following three criteria are eligible to qualify for emergency funds: (i) the project will repair the actual or impending failure of one or more components of a drinking water or wastewater system caused by structural or mechanical failure, sabotage or act of God; (ii) the actual or impending failure of the system could not have reasonably been foreseen; and (iii) the project is necessary and limited to correct the failure of an essential portion of the environmental infrastructure system to restore service. The DWSRF only funds the portion of any repair that is necessary to restore lost service to the affected population under the emergency loan provisions. A water purveyor may only receive emergency funding for a specific Emergency Repair Project ONCE. Any long-term solutions, modifications, and/or upgrades to prevent future emergency occurrences must be addressed in future financing cycles as a project and published on the Project Priority List.

The DEP recognizes that environmental infrastructure emergencies may occur that endanger public health and welfare and can result in substantial environmental damage. Such circumstances require an immediate response for which a complete technical and environmental review in advance of construction is not possible. On July 15, 2005, the DEP issued a generic Environmental Decision Document (EDD) for environmental emergency response projects and on January 3, 2006, amendments to the program's rules at N.J.A.C. 7:22 were adopted to allow the NJEIFP to fund certain emergency projects. The generic EDD and the rule changes identify the specific types of projects and conditions that must exist to qualify under the emergency project provisions of the Financing Program. With the EDD and the rules as guidelines, the DEP has developed a process to respond rapidly when emergencies occur, obtain basic project information, make an eligibility determination, and issue a pre-award approval so that owners/operators can undertake the needed repairs and maintain eligibility for those expenditures through the NJEIFP. For ranking purposes, projects that qualify as emergency projects will receive funding priority over all other projects on the Project Priority List. All program requirements must be met to the DEP's satisfaction prior to the water system being reimbursed for the emergency repair.

PROGRAM LOAN TERMS AND CONDITIONS

The Program Loan Terms and Conditions, including Program Fees, Program Requirements for loan closing including certification and other financing considerations will be set forth in the Financial Plan which will be submitted to the Legislature on or before May 15, 2022, in accordance with terms of the I-Bank Enabling Act.

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APPENDICES INDEX

- Appendix A:** Combined Base SFY2023 Interim Clean Water / Superstorm Sandy Environmental Financing Program Project Priority List and Updated Statewide Assistance Infrastructure Loan Program (Disaster Relief Emergency Financing Program) Project Priority List.
- Appendix B:** Combined Base SFY2023 Interim Drinking Water / Superstorm Sandy Environmental Financing Program Project Priority List.
- Appendix C:** Projects financed through the Statewide Assistance Infrastructure Loan Program (Disaster Relief Emergency Financing Program)
- Appendix D:** Emergency Loan Program Guidance Document
- Appendix E:** New Jersey Environmental Infrastructure Financing Program State Fiscal Year 2021 Financing Program Summary

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APPENDIX A - Clean Water

Combined Base SFY2023 Interim Clean Water / Superstorm Sandy Environmental Financing Program Project Priority List and

Disaster Relief Emergency Financing Program (Statewide Assistance Infrastructure Loan Program (SAIL)) Project Priority List

Alphabetical Order

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
SUPPLEMENTAL LOANS					
Paterson City	S340850-03-1	N/A	35	Change Order 2 CSO 029 Solids and Floatables Control	\$ 2,550,000
Rockaway Valley RSA	S340821-06-1	N/A	40	Old Jersey Trunk Sewer Replacement	\$ 775,000
Somerville Borough	S342013-01-1	N/A	16	Green Seam Phase II Ground Water Treatment	\$ 1,850,000
Supplemental Loans #:	3			Subtotal:	\$ 5,175,000

RESIDUAL LOANS					
Camden County Municipal Utilities Authority	S340640-18R	N/A	5	Phase I Upgrades - Improve/Sustain Optimal Wastewater Performance	\$ 10,000,000
Clinton Town	S340924-07R	N/A	23	Town of Clinton System-Wide Customer Meter Replacement	\$ 800,000
Hoboken City	S340635-06R	N/A	33	CSO - Acquisition, Remediation, & Construction on 6 Acre Park & Outfall (SANDY)	\$ 33,000,000
Jersey City Municipal Utilities Authority	S340928-15R	N/A	31, 33	Phase 3 & 4 Sewer Improvements	\$ 3,500,000
Newark City	S340815-24R	N/A	28,29	CSO - Structural evaluation & rehab of 350 miles of small diameter sewers	\$ 21,000,000
North Bergen MUA	S340652-14R	N/A	32	Woodcliff Additional Improvements	\$ 8,200,000
Ocean Twp SA	S340750-14R	N/A	11	Asbury Avenue and Longview Pump Stations Rehabilitation	\$ 1,000,000
Passaic Valley Sewerage Commission	S340689- 40R	N/A	20,21,22,26, 27,28,29,31, 32,33,34,35, 36,37,38,39 & 40	Plant wide Replacement & Relocation of Electrical Switchgear and MCCs	\$ 1,500,000
Plumsted Township	S340607-03R	N/A	12	Advanced WW treatment & collection system	\$ 10,000,000
Rockaway Valley RSA	S340821-07R	N/A	40	Rehab & enhancement of four existing final clarifiers	\$ 3,000,000
Residual Loans #:	10			Subtotal:	\$ 92,000,000

Key	
Red Text SAIL Program (Disaster Relief Projects)	Green Text Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
BASE & SUPERSTORM SANDY LOANS					
Allentown Borough	S340567-05	175	12	Sewer Plant Modifications	\$ 5,100,000
Asbury Park City	S340883-08	890	11	Sewer Plant	\$ 63,000,000
Atlantic City	S340439-05	505	2	Stormwater Improvements	\$ 1,100,000
Atlantic City Municipal Utilities Authority	S340439-04	889	2	Water Meter and MTU Replacement	\$ 3,066,667
Atlantic County Utilities Authority	S340809-30	299	2,9	Ventnor-Margate Force main Replacement - Phase 1	\$ 10,100,000
Atlantic County Utilities Authority	S342001-03	814	1,2,8,9	MSE Berm Construction	\$ 36,042,396
Bay Head Borough	S340590-03	493	10	Sewer collection system upgrade	\$ 3,500,000
Bayonne City	S340399-31	51	31	CSO - Stormwater Management Facilities and Park Improvements	\$ 5,000,000
Bayonne City	S340399-32	51	31	Avenue F & 24th Street Sewer and Manhole Rehabilitation	\$ 1,000,000
Bayshore Regional Sewer Authority	S340697-07	67	13	Power Resiliency Project 5182	\$ 28,000,000
Beach Haven Borough	S344220-01	133	9	Barneгат Bay - Stormwater Pump replacement and drainage	\$ 2,038,640
Bergen County Utilities Authority	S340386-19	139	20,23,36,37, 38,39 & 40	Infrastructure Protection Improvements	\$ 3,240,000
Bergen County Utilities Authority	S340386-20	139	20,23,36,37, 38,39 & 40	Primary Settling Tanks Improvements	\$ 9,000,000
Bergen County Utilities Authority	S340386-21	139	20,23,36,37, 38,39 & 40	Final Settling Tanks Improvements	\$ 7,600,000
Bergen County Utilities Authority	S340386-22	139	20,23,36,37, 38,39 & 40	Facility Assessment and Improvements	\$ 5,690,000
Bergen County Utilities Authority	S340386-23	139	20,23,36,37, 38,39 & 40	Sludge Digester Improvements	\$ 18,700,000
Bergen County Utilities Authority	S340386-24	139	20,23,36,37, 38,39 & 40	Tank Header Improvements	\$ 1,950,000
Bergen County Utilities Authority	S340386-13	191	20,23,36,37, 38,39 & 40	Consolidation of Edgewater/ Little Ferry service area	\$ 70,000,000
Bergen County Utilities Authority	S340386-15	140	20,23,36,37, 38,39 & 40	Power Supply mitigation improvements	\$ 57,000,000
Bergen County Utilities Authority	S340386-16	140	20,23,36,37, 38,39 & 40	All Plant wide mitigation improvements	\$ 42,000,000
Bergen County Utilities Authority	S340386-18	140	20,23,36,37, 38,39 & 40	Pump Station Resiliency Project	\$ 2,491,339
Bergen County Utilities Authority	S340386-25	293	20,23,36,37, 38,39 & 40	Northern Valley Force Main Improvements	\$ 4,000,000
Bergen County Utilities Authority	S340386-26	190	20,23,36,37, 38,39 & 40	Cogeneration Engine Rehabilitation	\$ 3,000,000
Berkeley Heights Township	S340385-05	19	21	STP Upgrade	\$ 2,000,000
Berkeley Heights Township	S340385-06	736	21	West Side Drainage Project	\$ 25,500,000
Berkeley Heights Township	S340385-07	510	21	Anaerobic Digester Flare Replacement Project	\$ 450,000
Berkeley Township	S344020-02	174	9	Barneгат Bay - Water Quality Retention Basin at Moorage Park	\$ 905,063

Key	
Red Text SAIL Program (Disaster Relief Projects)	Green Text Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Berkeley Township	S344020-01	174	9	Water Quality Retention Basin at Veterans Park	\$ 905,063
Berkeley Township Sewer Authority	S340969-14	340	9	Bayview Ave. Force Main Replacement	\$ 3,500,000
Bloomfield Township	S340516-01	922	13	Water Meter Replacement (FKA DW)	\$ 7,230,970
Bordentown City	S340219-04	944	7	Water Meter Replacement Program (FKA DW)	\$ 3,000,000
Borough of Wenonah	S340531-01	479	5	Sanitary Sewer Collection System Asset Management and System Improvements	\$ 1,330,000
Brick Township Municipal Utilities Authority	S340448-11	314	10	Wastewater Pump Station Rehabilitation - Phase II	\$ 5,700,000
Brick Township Municipal Utilities Authority	S340448-13	314	10	Sanitary Sewer Main Replacement on Cartagena Drive, Alhama Drive, Cadiz Drive, Valencia Drive and Monterey Drive	\$ 4,600,000
Brick Township Municipal Utilities Authority	S340448-14	927	10	Meter Replacement - Phase II	\$ 2,000,000
Brick Township Municipal Utilities Authority	S340448-12	314	10,30	Sanitary Sewer Manhole Rehabilitation and Replacement	\$ 4,824,000
Brigantine City	S340827-04	419	2	Emergency Generators (SANDY)	\$ 3,300,000
Brigantine City	S340827-05	747	2	Flood Control and Pump Station Improvements (SANDY)	\$ 4,600,000
Brigantine City	S340827-06	747	2	Municipal System Improvements	\$ 1,001,066
Buena Borough Municipal Utilities Authority	S340518-06	457	2	Upgrades to Sanitary Municipal Authority	\$ 1,500,000
Burlington City	S340140-02	915	7	Meter Replacement (FKA DW Meter replacement & Filter rehabilitation)	\$ 2,600,000
Burlington Township	S340712-17	363	6	Sanitary Sewer Rehabilitation in Various Locations	\$ 1,000,000
Camden City	S340366-07	29	5	CSO - 2014 Sanitary/Combined Sewer Rehab/Replacement Project	\$ 5,500,000
Camden City	S340366-12	29	5	CSO - Cooper Street Pump Station	\$ 2,300,000
Camden City	S340366-13	29	5	CSO - Rehabilitation of Arch Street Pump Station	\$ 12,000,000
Camden City	S340366-14	29	5	CSO - Rehabilitation of Ten (10) Combined Sewer Outfalls.	\$ 9,370,000
Camden City	S340366-15	29	5	CSO - Rehabilitation of Combined Sewer Outfalls and Regulator Chambers	\$ 13,330,000
Camden City	S340366-16	885	5	New Auto Meter Reading Equip for entire City (FKA DW)	\$ 6,100,000
Camden County MUA	S340640-34	296	4,5,6 & 8	Pump Station and Interceptor Upgrades and Rehabilitation	\$ 15,200,000
Camden County MUA	S340640-35	511	4,5,6 & 8	Delaware #1 Water Pollution Control Facility Upgrades and Rehabilitation	\$ 3,500,000
Camden County MUA	S340640-36	230	4,5,6 & 8	Service & Administration Buildings Rehab	\$ 15,000,000
Camden County Municipal Utilities Authority	S340640-19	3	5	CSO -Camden City Green and Grey Infrastructure Project, Phase 4	\$ 11,500,000
Camden County Municipal Utilities Authority	S340640-20	4	5	CSO - Camden City Green Infrastructure	\$ 3,000,000
Camden County Municipal Utilities Authority	S345040-01	8	5	CSO - Camden City and Gloucester City Long Term CSO Control Plan	\$ 1,380,000
Camden County Municipal Utilities Authority	S340640-21	13	5	CSO - Camden City Waterfront Stormwater Pumping Station	\$ 32,500,000

Key

Red Text SAIL Program (Disaster Relief Projects) Green Text Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Camden County Municipal Utilities Authority	S340640-13	50	5	Delaware #1 Pump Upgrades	\$ 12,800,000
Camden County Municipal Utilities Authority	S340640-30	296	5	CCMUA Pump Station Electrical Upgrades	\$ 7,500,000
Camden County Municipal Utilities Authority	S340640-28	296	6	Emergency Rehab/Replacement of the CCMUA Berlin Twp. Force Main	\$ 7,500,000
Camden County Municipal Utilities Authority	S340640-29	22	4,5,6 & 8	Delaware #1 WPCF Piping and Treatment Upgrades	\$ 12,700,000
Camden County Municipal Utilities Authority	S340640-26	605	4,5,6 & 8	Newton Creek Dredging and Erosion Control	\$ 28,200,000
Camden County Municipal Utilities Authority	S340640-25	3	5	Camden City Green Infrastructure, Phase 5	\$ 14,300,000
Camden County Municipal Utilities Authority	S340640-27	7	5	Infrastructure Improvements on South 27th Street (CR 609) in the City of Camden	\$ 4,862,636
Camden County Municipal Utilities Authority	S340640-31	701	5	Newton Lake Bank Stabilization	\$ 4,700,000
Camden County Municipal Utilities Authority	S340640-32	20	5	Camden - Pennsauken CSO Disconnect	\$ 24,000,000
Camden County Municipal Utilities Authority	S340640-33	49	5	Bar Screen & Grit System Upgrades	\$ 15,500,000
Carneys Point Sewerage Authority	S340502-09	58	3	UV Disinfection & Filter System Improvements	\$ 1,497,445
Carneys Point Sewerage Authority	S340502-08	429	3	Lafayette Road Sanitary Sewer	\$ 1,057,203
Carteret Borough	S340939-10	362	19	Roosevelt Pump Station and Bergen Street Pump Station Upgrades	\$ 6,600,000
Chatham (MCJM) Borough	S340715-07A	216	21	Facility Improvements 2018	\$ 7,289,180
Cliffside Park Borough	S340847-04	83	36	CSO - Combined Sewer Separation	\$ 5,300,000
Clinton Town	S340924-08	153	23	WWTP Filter and Residuals Building Improvement Project	\$ 4,100,000
Clinton Town	S340924-07	801	23	Town of Clinton System-Wide Customer Meter Replacement	\$ 800,000
Clinton Township Sewerage Authority	S340873-04	481	23	North Hunterdon Regional HS Pump Station Rehabilitation/Upgrade	\$ 1,000,000
Collingswood Borough	S340291-04	286	6	Harrison avenue area sanitary sewer improvements	\$ 800,000
Cumberland County	S340438-03	679	1	Downe Township Fortescue Package Plant	\$ 17,000,000
Cumberland County	S340438-01	679	1	Downe Wastewater Infrastructure	\$ 16,000,000
Cumberland County Improvement Authority	S342015-04	904	1,3	Side Slope Restoration and Storm Water Management	\$ 5,919,704
Delanco Sewerage Authority	S340956-03	271	7	Collection System Improvement Project	\$ 1,582,000
Delran Township	S340794-11	118	7	Service Water System Upgrades and Aeration Blower Replacement Project	\$ 2,100,000
Delran Township	S340794-10	264	7	Clay Street Pump Station	\$ 2,100,000
Deptford Township Municipal Utilities Authority	S340066-03	368	5	Sanitary Sewer Rehabilitation at Country Club Estates	\$ 1,000,000
Deptford Township Municipal Utilities Authority	S340066-04	368	5	Sanitary Sewer Rehabilitation at East Woodbury	\$ 700,000

Key

Red Text SAIL Program (Disaster Relief Projects) Green Text Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Dunellen Borough	S340916-03	698	22	Flood Mitigation Project	\$ 2,599,998
East Orange City	S340843-02	886	34	Water System Improvement and Resiliency Project 2017 (FKA DW)	\$ 6,840,000
East Orange City	S340843-03	894	34	The Crossings at Brick Church	\$ 17,100,000
Egg Harbor Township Municipal Utilities Authority	S340753-06	337	2	FAA Pump Station Reconstruction	\$ 1,250,000
Elizabeth City	S340942-13	48	20	CSO - Western Interceptor Modifications	\$ 13,146,000
Elizabeth City	S340942-17	48	20	CSO - South Street Flood Control Project (SANDY)	\$ 6,500,000
Elizabeth City	S340942-20	48	20	South Second Street Drainage and Atlantic Street CSO Tank Project	\$ 10,300,000
Elizabeth City	S345070-01	48	20	CSO - City of Elizabeth Combined Sewer Overflow Long Term Control Plan	\$ 4,000,001
Elizabeth City	S340942-21	601	20	Lincoln Avenue Drainage Improvements Project	\$ 3,000,000
Emerson Borough	S340497-01	435	39	Small System Asset Management Plan	\$ 100,000
Emerson Borough	S340497-02	435	39	Cindy Lane Pump Station Improvement	\$ 450,000
Evesham Municipal Utilities Authority	S340838-09	181	8	Elmwood WWTP Resiliency Improvements	\$ 500,000
Evesham Municipal Utilities Authority	S340838-10	181	8	Elmwood Tertiary Filter Rehabilitation	\$ 1,500,000
Evesham Municipal Utilities Authority	S340838-08	336	8	Route 70 Sewer Rehabilitation	\$ 1,000,000
Evesham Municipal Utilities Authority	S340838-06	716	8	Elmwood WWTP Storage Building	\$ 2,500,000
Fieldsboro Borough	S340522-01	495	7	Sewer @ Stormwater Asset Management Plan	\$ 150,000
Flemington Borough	S340440-05	620	16	Hopewell Ave Sanitary Sewer Extension	\$ 700,000
Franklin Township Sewerage Authority	S340839-08	324	17	Hamilton St. Pumping Station	\$ 4,200,000
Franklin Township Sewerage Authority	S340839-09	324	17	Marcy Street Sanitary Sewer Rehab	\$ 7,500,000
Franklin Township Sewerage Authority	S340839-10	324	17	Somerset Street Drainage Area Rehab	\$ 5,400,000
Glen Ridge Borough	S340861-03	433	28	Sewer Cleaning Truck	\$ 445,849
Gloucester City	S345090-01	143	5	CSO - Combined Sewer Overflow Asset Management Plan	\$ 1,000,000
Gloucester City	S340958-09	135	5	Flood & Sewage Backup Mitigation	\$ 2,200,000
Gloucester County Utilities Authority	S340902-15	161	3,4,5 & 23	Combined Heat & Power	\$ 11,500,000
Gloucester County Utilities Authority	S340902-17	501	3,4,5 & 23	Sludge Drying System	\$ 10,000,000
Gloucester Township	S340364-17	713	4	Gloucester Township Stormwater Projects 2019	\$ 1,290,198
Gloucester Township	S340364-11	712	4	Flood Mitigation (SANDY)	\$ 950,000
Gloucester Township	S340364-15	712	4	Gloucester Township Stormwater Improvements	\$ 1,450,000
Gloucester Township	S340364-16	712	4	Gloucester Township Stormwater Improvements 2018	\$ 600,000
Gloucester Township	S340364-18	713	4	Gloucester Township Stormwater Improvements	\$ 1,500,000

Key	
Red Text	SAIL Program (Disaster Relief Projects)
Green Text	Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Greenwich Township	S340359-02	623	23	Installation of a collector sewer near of the Village of Stewartsville	\$ 2,200,000
Guttenberg Town	S340854-03	56	32	Guttenberg CSO	\$ 3,500,000
Guttenberg Town	S340854-04	56	32	CSO Improvements	\$ 300,000
Hackensack City	S340923-22	338	37	City of Hackensack - Various Sanitary Sewer Improvements and Repairs (MKM)	\$ 1,300,000
Hackensack City	S340923-16	106	37	Anderson Drainage Area Sewer Separation Efforts - Phase I	\$ 5,000,000
Hackensack City	S340923-17	106	37	Green Street (Brosses Creek) Sewer Separation	\$ 7,500,000
Hackensack City	S340923-18	106	37	Court Street Drainage Area CSO Compliance - Underground Storage	\$ 7,900,000
Hackensack City	S340923-19	106	37	Atlantic Street Infrastructure Improvements	\$ 5,150,000
Hackensack City	S340923-13	106	37	The Long Term Control Plan and CSO Sewer Separation Efforts (Phase 3)	\$ 15,200,000
Hackensack City	S340923-14	106	37	Sewer Separation to Support Main Street Redevelopment	\$ 8,000,000
Hackensack City	S340923-15	602	37	Stormwater Infrastructure Improvements 2020	\$ 1,600,000
Hackensack City	S340923-20	65	37	Green Infrastructure Improvements	\$ 800,000
Hackensack City	S340923-21	106	37	Clay Street Culvert	\$ 11,400,000
Haddon Heights Borough	S340877-02	434	5	Sanitary Sewer System Asset Management Plan	\$ 110,000
Haddon Heights Borough	S340877-03	434	5	Sanitary Sewer Pump Station Rehabilitation	\$ 953,580
Haddon Heights Borough	S340877-04	434	5	Sanitary Sewer Rehabilitation (CIPP)	\$ 2,052,912
Haddon Heights Borough	S340877-05	434	5	Sanitary Sewer Main Replacement	\$ 4,974,434
Hamburg Borough	S340149-03	469	24	Sanitary Sewer System Asset Management Plan	\$ 100,000
Hamburg Borough	S340149-04	469	24	Sewer Pump Station Improvement Project	\$ 400,000
Hamilton Township Municipal Utilities Authority	S340903-06	373	14	2019 Wastewater Facility Upgrades and Renovations	\$ 2,500,000
Hammonton Town	S340927-10	509	8	Waste Water Treatment Plant Sludge Drying Replacement (Centrifuge)	\$ 1,000,000
Hardyston Municipal Utility Authority	S340532-01	893	24	Water Meter Replacement	\$ 486,000
Highland Park Borough	S340938-03	941	18	Replacement of customer-owned large diameter water meters	\$ 2,400,000
Highlands Borough	S340901-05	453	13	Coastal Community Water Quality Restoration	\$ 5,500,000
Hillsborough MUA	S340099-03	344	16	TTHMUA - Sunnymeade Pump Station and Force Main	\$ 11,000,000
Hillside Township	S340686-10	369	20	North Avenue Pumping Station	\$ 1,300,000
Hoboken City	S340635-08	38	33	CSO - Southwest Resiliency Park - Acquisition, Rehabilitation	\$ 13,100,000
Hoboken City	S340635-09	78	33	ROW Green Infrastructure adjacent to water Mains	\$ 500,000
Hoboken City	S340635-10	78	33	ROW Green Infrastructure	\$ 1,000,100

Key	
Red Text	SAIL Program (Disaster Relief Projects)
Green Text	Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Hopatcong Borough	S340488-08	43	24	Hudson Avenue Sanitary Sewer Installation	\$ 600,000
Hopatcong Borough	S340488-07	265	24	Sanitary Sewer System Asset Management Plan	\$ 80,000
Hopewell Township	S340282-03	384	15	Sanitary Sewer System Asset Management Plan - Sewer Rehabilitation Projects	\$ 1,640,000
Hopewell Township	S340282-04	612	15	Hiohela Pond Dredging Project	\$ 650,000
Howell Township	S344040-02	194	30	Barneget Bay - Freewood Acres & Route 9 Sanitary Sewer Extension	\$ 14,680,000
Hudson County Improvement Authority	S340094-02	880	31,33	Koppers Peninsula Infrastructure, Hudson County	\$ 51,000,000
Jersey City	S340928-30	89	31,33	CSO - Street Cleaning Equipment	\$ 2,711,000
Jersey City MUA	S340928-50	44	31 & 33	Princeton Ave Sewer Replacement	\$ 1,700,000
Jersey City Municipal Utilities Authority	S340928-21	46	31,32 & 33	CSO - Sewer Pipe Replacement / Phase V CSO Study	\$ 13,000,000
Jersey City Municipal Utilities Authority	S340928-27	30	31,33	CSO - Green Infrastructure- Martin Luther King Drive Tree Trenches	\$ 500,000
Jersey City Municipal Utilities Authority	S340928-37	30	31,33	Sewer Improvements 2a	\$ 50,202,482
Jersey City Municipal Utilities Authority	S340928-42	44	31,33	Phase 6A Sewer Rehabilitation	\$ 36,000,000
Jersey City Municipal Utilities Authority	S340928-44	44	31,33	Claremont Carteret Pump Station	\$ 37,000,000
Jersey City Municipal Utilities Authority	S340928-40	45	31,33	Eastside and Westside Pump Station Mechanical Screens	\$ 3,600,000
Jersey City Municipal Utilities Authority	S340928-16	46	31,33	Sixth Street Combined Sewer Outfall	\$ 9,500,000
Jersey City Municipal Utilities Authority	S340928-18	46	31,33	CSO - Claremont Carteret outfall replacement (SANDY)	\$ 5,600,000
Jersey City Municipal Utilities Authority	S340928-24	46	31,33	CSO - Phase 1/2 Sewer Rehabilitation	\$ 108,000,000
Jersey City Municipal Utilities Authority	S340928-36	46	31,33	Phase 5-B Sewer	\$ 10,800,000
Jersey City Municipal Utilities Authority	S340928-38	46	31,33	Sewer Improvements Phase 5a	\$ 35,273,044
Jersey City Municipal Utilities Authority	S340928-39	46	31,33	PHASE 6B SEWER MAIN REHABILITATION PROJECT	\$ 33,000,000
Jersey City Municipal Utilities Authority	S340928-41	46	31,33	Van Winkle Combined Sewer Outfall	\$ 4,500,000
Jersey City Municipal Utilities Authority	S340928-32	879	31,33	Remote Meter Reading (AMI) (FKA DW)	\$ 12,300,000
Jersey City Municipal Utilities Authority	S340928-23	46	31,33	3 Pump Stations Flood Hardening Improvements	\$ 13,000,000
Jersey City Municipal Utilities Authority	S340928-35	46	31,33	Carteret Phase II	\$ 7,774,166
Jersey City Municipal Utilities Authority	S340928-43	44	31,33	Phase 7a Sewer Improvements	\$ 61,751,143
Jersey City Municipal Utilities Authority	S340928-45	878	31,33	Bayfront Clean Water Sewer	\$ 4,520,000
Jersey City Municipal Utilities Authority	S340928-46	44	31,33	Jersey City Claremont Emergency Repair.	\$ 3,600,000

Key	
Red Text	SAIL Program (Disaster Relief Projects)
Green Text	Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Jersey City Municipal Utilities Authority	S340928-47	44	31,33	Van Horne Street Sewer Improvements	\$ 11,400,000
Jersey City Municipal Utilities Authority	S340928-48	227	31,33	Sanitary Sewer Main Rehabilitation/Lining - Montgomery St & Tonnele Ave	\$ 2,600,000
Jersey City Municipal Utilities Authority	S340928-49	44	31,33	Pine Street Area Sewer Separation	\$ 33,100,000
JMEUC - East Orange City	S340686-08a	192	34	Flood Mitigation Facilities Project	\$ 1,245,000
JMEUC - East Orange City	S340686-09a	192	34	Capital Improvements Projects 2019	\$ 620,504
JMEUC - East Orange City	S340686-11a	162	34	Flood Mitigation Phase II Cogeneration Upgrade	\$ 333,727
JMEUC - Elizabeth City	S340686-08b	192	20	Flood Mitigation Facilities Project	\$ 12,920,000
JMEUC - Elizabeth City	S340686-09b	192	20	Capital Improvements Projects 2019	\$ 6,505,876
JMEUC - Elizabeth City	S340686-11b	156	20	Flood Mitigation Phase II Cogeneration Upgrade	\$ 3,004,607
JMEUC - Hillside Township	S340686-08c	192	20	Flood Mitigation Facilities Project	\$ 1,815,000
JMEUC - Hillside Township	S340686-09c	192	20	Capital Improvements Projects 2019	\$ 908,430
JMEUC - Hillside Township	S340686-11c	168	20	Flood Mitigation Phase II Cogeneration Upgrade	\$ 465,709
JMEUC - Irvington Township	S340686-08d	192	28	Flood Mitigation Facilities Project	\$ 4,505,000
JMEUC - Irvington Township	S340686-09d	192	28	Capital Improvements Projects 2019	\$ 2,252,347
JMEUC - Irvington Township	S340686-11d	164	28	Flood Mitigation Phase II Cogeneration Upgrade	\$ 1,080,132
JMEUC - Maplewood Township	S340686-08e	192	27	Flood Mitigation Facilities Project	\$ 1,845,000
JMEUC - Maplewood Township	S340686-11e	167	27	Flood Mitigation Phase II Cogeneration Upgrade	\$ 470,818
JMEUC - Millburn Township	S340686-08f	192	27	Flood Mitigation Facilities Project	\$ 1,650,000
JMEUC - Millburn Township	S340686-11f	170	27	Flood Mitigation Phase II Cogeneration Upgrade	\$ 425,142
JMEUC - Newark City	S340686-08g	192	28,29	Flood Mitigation Facilities Project	\$ 2,705,000
JMEUC - Newark City	S340686-09e	192	28,29	Capital Improvements Projects 2019	\$ 1,363,042
JMEUC - Newark City	S340686-11g	159	28,29	Flood Mitigation Phase II Cogeneration Upgrade	\$ 668,831
JMEUC - Roselle Park	S340686-08h	192	21	Flood Mitigation Facilities Project	\$ 905,000
JMEUC - Roselle Park	S340686-11h	172	21	Flood Mitigation Phase II Cogeneration Upgrade	\$ 257,515
JMEUC - South Orange Village Township	S340686-08i	192	27	Flood Mitigation Facilities Project	\$ 1,305,000
JMEUC - South Orange Village Township	S340686-09f	192	27	Capital Improvements Projects 2019	\$ 650,806
JMEUC - South Orange Village Township	S340686-11i	171	27	Flood Mitigation Phase II Cogeneration Upgrade	\$ 348,932
JMEUC - Summit City	S340686-08j	192	21	Flood Mitigation Facilities Project	\$ 2,375,000
JMEUC - Summit City	S340686-09g	192	21	Capital Improvements Projects 2019	\$ 1,186,322
JMEUC - Summit City	S340686-11j	169	21	Flood Mitigation Phase II Cogeneration Upgrade	\$ 592,667
JMEUC - Union Township	S340686-08k	192	20	Flood Mitigation Facilities Project	\$ 4,885,000
JMEUC - Union Township	S340686-09h	192	20	Capital Improvements Projects 2019	\$ 2,449,335

Key

Red Text SAIL Program (Disaster Relief Projects) Green Text Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
JMEUC - Union Township	S340686-11k	163	20	Flood Mitigation Phase II Cogeneration Upgrade	\$ 1,166,478
JMEUC - West Orange Township	S340686-08l	192	27	Flood Mitigation Facilities Project	\$ 3,170,000
JMEUC - West Orange Township	S340686-09i	192	27	Capital Improvements Projects 2019	\$ 1,585,429
JMEUC - West Orange Township	S340686-11l	165	27	Flood Mitigation Phase II Cogeneration Upgrade	\$ 775,448
Kearny Municipal Utilities Authority	S340259-14	236	32	PS Grit Collector Replacement/ Central & Pennsylvania Ave Sewer Rehab	\$ 1,582,000
Kearny Town	S340259-11	53	32	CSO - Dukes St Stormwater Pump Station	\$ 17,000,000
Kearny Town	S340259-12	877	32	Redev of recreational complex as a modern artificial turf complex	\$ 21,500,000
Lacey Township	S344140-02	215	9	Yacht Basin Plaza North & South Bulkhead and Stormwater Management	\$ 1,559,000
Linden Roselle Sewer Authority	S340299-08	142	22	2019 Capital Improvements Projects	\$ 27,000,000
Little Egg Harbor Township	S340579-04	683	9	Mystic Island Drainage Improvements - Phase 2	\$ 2,040,000
Little Egg Harbor Township	S340579-05	263	9	Sewer Main Replacement Phase II	\$ 4,200,000
Logan Township Municipal Utilities Authority	S340123-02	137	3	Effluent Force Main Replacement Project	\$ 12,000,000
Long Beach Township	S340023-07	470	9	Sewer Main Replacement	\$ 4,600,000
Long Beach Township	S340023-08	470	9	Asset Management	\$ 120,000
Long Beach Township	S340023-09	470	9	North Beach Sewer Main Replacement	\$ 6,500,000
Long Branch Sewerage Authority	S340336-08	62	11,13	2018 Capital Improvements Projects - Wastewater Treatment Plant	\$ 1,740,700
Long Branch Sewerage Authority	S340336-09	245	11,13	2018 Capital Improvements Projects - Collection System	\$ 5,600,000
Long Hill Township	S340404-10	183	21	Capacity Assurance and System Rehabilitation Project	\$ 7,500,000
Lower Township MUA	S340810-05	650	3	Collection System Expansion	\$ 30,000,000
Madison (MCJM) Borough	S340715-07B	216	27	Facility Improvements 2018	\$ 7,289,180
Manasquan Borough	S340450-02	530	30	Stockton Lake Bulkhead and Stormwater Management	\$ 4,505,800
Manasquan River Regional Sewerage Authority	S340911-03	258	11,12 & 30	Equipment Replacement	\$ 660,000
Manasquan River Regional Sewerage Authority	S340911-04	259	30	Mingamahone Pump Station Improvements	\$ 2,388,541
Mantua Township MUA	S340514-01	393	5	Austin Street Sewer Pump Station	\$ 2,650,000
Mantua Township MUA	S340514-03	393	5	Royal Oaks Sewer Pump Station	\$ 1,350,000
Mantua Township MUA	S340514-02	659	5	Barnsboro Sewer Extension	\$ 2,250,000
Marlboro Township	S340268-02	638	13	Harbor Rd. Wastewater Pump Station	\$ 964,250
Medford Lakes Borough	S340319-03	461	8	Collection System Lining Improvements	\$ 11,000,000
Mendham Borough	S340159-04	15	25	WWTP Improvements	\$ 3,500,000
Mendham Borough	S340159-03	463	25	Collection System Improvements	\$ 3,200,000
Metuchen Borough	S340360-02	251	18	Sewage Pump Station Replacement	\$ 9,000,000
Middlesex Borough	S340698-02	397	22	Sanitary Sewer Main Improvements	\$ 2,568,750
Middlesex Borough	S340698-03	397	22	Middlesex Borough Rehabilitation of Sanitary Sewers Phase II (Greenbrook Rd. and Louis Ave. Pump Stations)	\$ 1,200,000

Key

Red Text SAIL Program (Disaster Relief Projects) Green Text Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Middlesex County Utilities Authority	S340699-17	33	3,14,17,18,19,22 & 23	ctp rehabilitation phase 4	\$ 22,000,000
Middlesex County Utilities Authority	S340699-16	290	3,14,17,18,19,22 & 23	Main Trunk Sewer Rehabilitation Phase III	\$ 18,100,000
Middlesex County Utilities Authority	S340699-18	32	3,14,17,18,19,22 & 23	CTP Rehab-Phase 5	\$ 46,000,000
Middlesex County Utilities Authority	S340699-19	32	3,14,17,18,19,22 & 23	CTP Rehab-Phase 6	\$ 31,000,000
Middlesex County Utilities Authority	S340699-20	289	3,14,17,18,19,22 & 23	Pump Station Rehab	\$ 15,000,000
Milltown Borough	S340102-01	919	17	Milltown Ford Ave Redevelopment	\$ 21,000,000
Milltown Borough	S340102-04	919	17	Ford Avenue Redevelopment	\$ 5,500,000
Milltown Borough	S340102-05	527	17	Flood Mitigation Borough of Milltown Municipal Complex Relocation	\$ 13,726,000
Millville City	S340921-08	507	1	Millville WWTP Solids Dewatering Upgrades	\$ 7,000,000
Monmouth County Bayshore Outfall Authority	S340325-04a	#N/A	12,13	Force Main Assessment and Rehabilitation - Valve component	\$ 3,500,000
Monmouth County Bayshore Outfall Authority	S340325-04	294	12,13	Force Main Assessment and Rehabilitation	\$ 3,500,000
Monroe Municipal Utilities Authority	S340423-06	346	4	Pump Station Replacement/Rehabilitation	\$ 2,400,000
Monroe Municipal Utilities Authority	S340423-07	346	4	Sanitary Sewer Rehabilitation	\$ 480,000
Monroe Municipal Utilities Authority	S340423-08	934	4	Meter Installation Program	\$ 1,800,000
Monroe Municipal Utilities Authority	S340423-05	347	4	Video Inspection Equipment	\$ 300,000
Montclair Township	S340837-05	279	34	Sanitary Sewer Manhole Rehabilitation	\$ 800,000
Montgomery Township	S340130-03	24	16	Stage II Wastewater Treatment Plant Flood Protection Project	\$ 12,000,000
Montgomery Township	S340130-04	23	16	Cherry Valley Wastewater Treatment Plant Consolidation	\$ 11,000,000
Montville Township	S340931-04	555	26	Old Lane Sewer Project	\$ 3,500,000
Mount Arlington Borough	S340451-05	452	25	Wastewater System Asset Management Plan	\$ 212,785
Mount Laurel Township Municipal Utilities Authority	S340943-06	80	7	Sewer System Improvement Project (Bundle 1)	\$ 8,000,000
Mount Laurel Township Municipal Utilities Authority	S340943-07	339	7	Sewer System Improvement Project (Bundle 2)	\$ 3,200,000
Musconetcong Sewer Authority	S340384-09	1	24	Wastewater Treatment Plant Improvements	\$ 6,200,000
Netcong Borough	S340538-01	256	25	Sewer System Asset Management Plan	\$ 100,000
New Jersey Water Supply Authority	S340421-02	229	23	Round Valley Reservoir Structures Refurbishment and Resource Preservation	\$ 95,000,000
Newark City	S340815-25	16	28,29	CSO - Green Infrastructure for the Sewer System	\$ 475,000
Newark City	S340815-27	16	28,29	CSO - Greenstreet Projects for the City of Newark	\$ 3,800,000

Key	
Red Text SAIL Program (Disaster Relief Projects)	Green Text Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Newark City	S340815-28	16	28,29	South Street and Adams Street Drainage Improvements	\$ 6,000,000
Newark City	S340815-24	27	28,29	CSO - Structural evaluation & rehab of 350 miles of small diameter sewers	\$ 24,000,000
Newark City	S340815-26	27	28,29	CSO - Improvements to the Peddie Combined Sewer Overflow	\$ 3,300,000
Newton Town	S340449-04	668	24	Memory Park Drainage Improvements	\$ 538,000
Newton Town	S340449-05	5	24	Improvements to the Waste Water Treatment Plant, Digester conversion and primary sludge pump replacement.	\$ 1,200,000
North Bergen Municipal Utilities Authority	S340652-16	36	35	NBMUA CSO Tank	\$ 21,500,000
North Bergen Municipal Utilities Authority	S340652-15	36	35	Woodcliff Additional Improvements	\$ 8,700,000
North Brunswick Township	S340888-03	341	17	Sanitary Sewer Improvement Project	\$ 3,300,000
North Brunswick Township	S340888-04	341	17	Mile Run Interceptor Repair	\$ 2,550,000
North Haledon Borough	S340229-02	426	35	Small System Asset Management Plan	\$ 100,000
North Haledon Borough	S340229-01	427	35	Pump Station Rehabilitation	\$ 1,021,028
North Hudson Sewer Authority	S340952-30	95	33	CSO - 2017 Adams Street Wastewater Treatment Plant Improvements	\$ 23,200,000
North Hudson Sewer Authority	S340952-34	91	32,33	Collection System Improvements	\$ 1,200,000
North Hudson Sewer Authority	S340952-33	94	32,33	H6/H7 Long Term Control Plan Project	\$ 27,000,000
North Hudson Sewer Authority	S340952-31	95	32,33	Green Infrastructure	\$ 900,000
North Hudson Sewer Authority	S345190-01	95	32,33	CSO - Combined Sewer Long Term Control Plan	\$ 6,000,000
North Hudson Sewer Authority	S340952-36	792	32,33	Equipment Purchases	\$ 900,000
North Hudson Sewer Authority	S340952-37	96	33	Madison Street Improvements	\$ 5,400,000
North Hudson Sewer Authority	S340952-38	96	32,33	W1234 Outfall Emergency Repair	\$ 1,351,200
North Hudson Sewer Authority	S340952-39	96	33	Boulevard East Combined Sewer Improvements	\$ 12,700,000
North Hudson Sewer Authority	S340952-40	93	32,33	H6/H7 CSO Long Term Control Plan - Phase II	\$ 11,500,000
North Wildwood City	S340663-09	675	1	Storm Water Pump Station	\$ 17,892,442
Northfield City	S340508-04	198	2	Sanitary Sewer Pump Station Upgrades - Zion and Davis Avenues	\$ 650,000
Northfield City	S340508-03	423	2	Preparation of an Asset Management Plan	\$ 180,000
Northfield City	S340508-02	751	2	Vactor Truck Purchase	\$ 150,000
Northwest Bergen County Utilities Authority	S340700-19	315	38,39 & 40	Interceptor System Rehabilitation	\$ 8,132,450
Northwest Bergen County Utilities Authority	S340700-15	315	39,40	Wastewater Pump Station Improvements	\$ 7,000,000
Oakland Borough	S340418-06	2	39	Oakland Sewer System Improvements	\$ 7,720,000
Ocean County	S344080-10	209	10	Barneget Bay - Camera Pipe Line Inspection Truck System - Equipment	\$ 250,000

Key	
Red Text SAIL Program (Disaster Relief Projects)	Green Text Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Ocean County	S344080-11	209	10	Barneгат Bay -Mechanical Street Sweeper - Equipment	\$ 350,000
Ocean County	S344080-09	211	10	Barneгат Bay - Manufactured Treatment Devices	\$ 1,300,000
Ocean County Utilities Authority	S340372-61	68	9	Northern Water Pollution Control Facility Influent Screw Pump Improvements	\$ 5,300,000
Ocean County Utilities Authority	S340372-62	68	9	Northern Water Pollution Control Facility Clarifier Rehabilitation FC-1 and FC-8	\$ 4,300,000
Ocean County Utilities Authority	S340372-63	68	11 & 30	Northern Water PCF Solids Handling Facility Roof Replacement	\$ 2,200,000
Ocean County Utilities Authority	S340372-64	70	10	Central Water Pollution Control Facility Process Improvements	\$ 37,774,000
Ocean County Utilities Authority	S340372-65	515	10	Thickened Sludge Storage and Blend Tank Rehabilitation	\$ 4,200,000
Ocean Gate Borough	S344180-01	223	9	Barneгат Bay - Storm Sewer MTD	\$ 2,600,000
Ocean Township Sewer Authority	S340750-13	351	11	2016 Collection System Improvements	\$ 550,000
Ocean Township Sewer Authority	S340750-15	81	11	Grit Building Upgrades	\$ 1,600,000
Orange City	S340859-04	924	34	Water Meter Replacement	\$ 5,100,000
Orange City	S340859-03	281	1	Collection System Rehabilitation and Replacement	\$ 3,377,600
Parsippany Troy Hills Township	S340886-05	330	26	Pump Station No. 4 Sanitary Sewer Redirection Project	\$ 11,733,500
Passaic Valley Sewerage Commission	S340689-58	119	20,21,22,26,27,28,29,31,32,33,34,35,36,37,38,39 & 40	Advanced Electrical Contract II Project	\$ 80,000,000
Passaic Valley Sewerage Commission	S340689-37	119	20,21,22,26,27,28,29,31,32,33,34,35,36,37,38,39 & 40	CSO - Substation "M" Replacement	\$ 121,500,000
Passaic Valley Sewerage Commission	S340689-44	120	20,21,22,26,27,28,29,31,32,33,34,35,36,37,38,39 & 40	CSO - Wallington Pump Station Rehabilitation Project	\$ 22,110,000
Passaic Valley Sewerage Commission	S340689-23	122	20,21,22,26,27,28,29,31,32,33,34,35,36,37,38,39 & 40	CSO - Standby Power Generating Facility (SAIL)	\$ 183,500,000
Passaic Valley Sewerage Commission	S345200-01	122	20,21,22,26,27,28,29,31,32,33,34,35,36,37,38,39 & 40	CSO - Combined Sewer Overflow Long Term Control Planning (SANDY)	\$ 9,500,000

Key	
Red Text SAIL Program (Disaster Relief Projects)	Green Text Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Passaic Valley Sewerage Commission	S340689-49	124	20,21,22,26, 27,28,29,31, 32,33,34,35, 36,37,38,39 & 40	PVSC Perimeter Flood Wall, Storm Water Collection Sys. & Pumping Stations (Merged (S340689-41,42,43))(SAIL)	\$ 296,136,901
Passaic Valley Sewerage Commission	S340689-33	125	20,21,22,26, 27,28,29,31, 32,33,34,35, 36,37,38,39 & 40	CSO - Weatherproof tunnel locations incl HVAC for ventilation (SAIL)	\$ 107,000,000
Passaic Valley Sewerage Commission	S340689-45	497	20,21,22,26, 27,28,29,31, 32,33,34,35, 36,37,38,39 & 40	Sludge Storage Improvements	\$ 10,210,102
Passaic Valley Sewerage Commission	S340689-46	497	20,21,22,26, 27,28,29,31, 32,33,34,35, 36,37,38,39 & 40	Decant Facility Improvements	\$ 69,000,000
Passaic Valley Sewerage Commission	S340689-50	148	20,21,22,26, 27,28,29,31, 32,33,34,35, 36,37,38,39 & 40	Improvements to the Vehicle Maintenance Building	\$ 8,800,000
Passaic Valley Sewerage Commission	S340689-51	123	20,21,22,26, 27,28,29,31, 32,33,34,35, 36,37,38,39 & 40	Secondary Bypass and Sludge Train Recycles Rerouting Project	\$ 70,220,000
Passaic Valley Sewerage Commission	S340689-52	121	20,21,22,26, 27,28,29,31, 32,33,34,35, 36,37,38,39 & 40	Advanced Electrical Project	\$ 67,000,000
Passaic Valley Sewerage Commission	S340689-53	121	20,21,22,26, 27,28,29,31, 32,33,34,35, 36,37,38,39 & 40	Plantwide SCADA Improvements	\$ 18,200,000
Passaic Valley Sewerage Commission	S340689-54	498	20,21,22,26, 27,28,29,31, 32,33,34,35, 36,37,38,39 & 40	5th Thickening Centrifuge Project	\$ 22,600,000
Passaic Valley Sewerage Commission	S340689-55	121	20,21,22,26, 27,28,29,31, 32,33,34,35, 36,37,38,39 & 40	Improvements to the Utility Tunnel Process Piping Project	\$ 9,288,380

Key	
Red Text	SAIL Program (Disaster Relief Projects)
Green Text	Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Passaic Valley Sewerage Commission	S340689-56	121	20,21,22,26,27,28,29,31,32,33,34,35,36,37,38,39 & 40	O2 Deck Rehabilitation	\$ 6,000,000
Passaic Valley Sewerage Commission	S340689-57	228	20,21,22,26,27,28,29,31,32,33,34,35,36,37,38,39 & 40	Phase V - Line Improvements Program	\$ 89,500,000
Passaic Valley Sewerage Commission	S340689-59	499	20,21,22,26,27,28,29,31,32,33,34,35,36,37,38,39 & 40	Evaluation and Improvements to the Oxidized Sludge & Vapor Piping	\$ 16,600,000
Paterson City	S340850-05	40	35	CSO - 023 Elimination- Sewer Separation at Second Avenue	\$ 1,935,000
Paterson City	S340850-06	40	35	CSO - 21st Avenue Sewer Reconstruction	\$ 2,161,100
Paterson City	S340850-07	40	35	CSO - West Railway Sewer Reconstruction	\$ 2,137,200
Paterson City	S345210-01	60	35	CSO - Investigation of Tributary Sewers from Adjacent Municipalities (SANDY)	\$ 200,000
Pennsville Sewerage Authority	S340870-04	403	3	Pumping Station No. 3 Force Main Replacement	\$ 1,600,000
Pennsville Sewerage Authority	S340870-05	130	3	Wastewater Treatment Plant Improvements	\$ 4,000,000
Perth Amboy City	S340435-20	102	19	Rehabilitation of a Section of the West Interceptor	\$ 1,925,000
Perth Amboy City	S340435-21	102	19	The Replacement of Catch Basins - 2022	\$ 355,000
Perth Amboy City	S340435-22	102	19	The Cleaning and Lining of Sewer Mains and Man Holes Project	\$ 3,120,000
Perth Amboy City	S340435-23	102	19	Geotech Feasibility Study for the Installation of a New Force Main	\$ 3,900,000
Perth Amboy City	S340435-24	102	19	Implementation of Green Infrastructure Projects to Comply with the LTCP	\$ 1,300,000
Perth Amboy City	S340435-17	61	19	CSO -Second Street Corridor Project	\$ 4,418,400
Perth Amboy City	S340435-14	103	19	CSO - Reparation (Pulaski Ave / Parker St. / State Street)	\$ 2,608,000
Perth Amboy City	S340435-19	103	19	The Purchasing of a CCTV Video Pipeline Inspection System Project	\$ 400,000
Perth Amboy City	S345220-01	103	19	CSO - Permit Development of Long Term Control Plan	\$ 1,000,000
Phillipsburg Town	S340874-08	241	23	Sanitary and Storm Sewer Infrastructure Improvements	\$ 2,600,000
Phillipsburg Town	S340874-09	134	23	Wastewater Treatment Plant Odor Control Management	\$ 3,123,000
Plainfield Municipal Utilities Authority	S340240-06	714	4,18 & 22	Transfer Station Improvement	\$ 11,675,000
Pleasantville City	S340752-04	284	2	Sewer Infrastructure 2016-2017	\$ 4,328,550
Pollution Control Financing Authority of Warren County	S342026-01	908	24	Pollution Control Financing Authority Cell 7 Project	\$ 24,000,000

Key	
Red Text SAIL Program (Disaster Relief Projects)	Green Text Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Princeton	S340656-08	248	16	System-wide Sanitary Sewer Rehabilitation	\$ 4,300,000
Princeton	S340656-11	387	16	Improvements to Linden Lane and Spruce Street	\$ 3,925,678
Princeton	S340656-12	387	16	Improvements to Bank Street	\$ 1,871,602
Princeton	S340656-09	248	16	Linden Lane Improvements	\$ 1,821,582
Rahway Valley Sewerage Authority	S340547-17	10	19,21&22	Headworks Influent Bar Screen Replacement	\$ 5,000,000
Red Bank Borough	S340528-01	404	11	White Street Water & Sewer Improvements	\$ 4,500,000
Ridgefield Park Village	S345230-01	55	36	CSO - Planning for Long Term Control Plan	\$ 800,002
Ridgefield Park Village	S340688-05	696	36	Village of Ridgefield Park Skymark Project	\$ 30,211,486
Riverside Sewerage Authority	S340490-01	99	7	Primary Digester Mixing System	\$ 840,000
Rochelle Park Township	S340310-02	445	38	Sewer Pumping Station	\$ 1,500,000
Rockaway Valley Regional Sewer Authority	S340821-10	301	25,26	Interceptor Sewer Rehabilitation and Replacement - Boonton Section	\$ 3,454,050
Rockaway Valley Regional Sewer Authority	S340821-08	210	25,26	Improvements to treatment facility to ensure compliance with NJPDES effluent parameters, & implement add'l SCADA improvements	\$ 15,500,000
Roselle Borough	S340332-02	372	20	Cleaning & lining of sanitary sewer	\$ 3,800,000
Runnemede Borough	S340363-06	425	5	Sanitary Sewer slip-lining at various locations	\$ 1,800,000
Runnemede Borough	S340363-07	666	5	Sanitary Sewer Extension and Pump Station	\$ 3,500,000
Rutgers University	S340500-01	197	11	Busch Cogeneration Plant Upgrade	\$ 37,500,000
Salem City	S340235-03	916	3	Salem City Water Meter (FKA DW)	\$ 1,900,000
Scotch Plains Township	S340512-01	361	22	Sewer Pump Station Upgrades	\$ 2,700,000
Seaside Park Borough	S340083-04	488	9	Phase III A Sanitary Sewer Replacement	\$ 4,000,000
Ship Bottom Borough	S340311-05	490	9	Sewer Main Replacement Project	\$ 5,000,000
Ship Bottom Borough	S340311-04	946	9	Residential Water Meter Project	\$ 2,750,000
Somerset Raritan Valley Sewer Authority	S340801-09	110	16,21,22 & 23	WWTP Rehabilitation Improvements (SFY2019)	\$ 6,500,000
Somerville Borough	S340551-01	253	16	Somerville Sanitary Sewers Project 19-001	\$ 3,700,000
South Monmouth Regional Sewer Authority	S340377-06	414	30	Pump Station Upgrades - Brielle and Glimmer Glass	\$ 1,700,000
South Orange Village	S340103-02	926	27	Advanced Metering Infrastructure (AMI) Implementation	\$ 2,670,000
Spotswood Borough	S340510-01	754	14	Roadway, Stormwater Management and Sanitary Sewer System Improvements	\$ 5,427,000
Stafford Township	S340946-09	249	9	Beach Haven West Sanitary Sewer Replacement Phase IV	\$ 4,680,000
Stafford Township	S344100-03	166	9	Barneget Bay - Neptune Basin Expansion	\$ 5,600,000
Stafford Township	S340946-07	249	9	Beach Haven West Sewer Rehab	\$ 5,000,000
Stafford Township	S340946-08	249	9	Beach Haven West Sanitary Sewer Replacement Phase III	\$ 3,500,000
Stony Brook Regional Sewer Authority	S340400-11	176	15,16	River Road Wastewater Treatment Plant UV Disinfection and Effluent Filtration Project	\$ 22,000,000
Stony Brook Regional Sewer Authority	S340400-12	136	15,16	Hopewell WWTP Improvements	\$ 16,100,000

Key	
Red Text	SAIL Program (Disaster Relief Projects)
Green Text	Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Sussex County Municipal Utilities Authority	S342008-04	818	24	SCMUA Leachate Pump Station/Force Main Construction	\$ 11,000,000
Sussex County Municipal Utilities Authority	S342008-06	907	24	Landfill Life Stage 2 Expansion/Infrastructure Relocation Project	\$ 43,000,000
Toms River MUA	S340145-05	308	9	Sanitary Sewer Rehabilitation	\$ 4,500,000
Toms River Municipal Utilities Authority	S340145-07	308	9,10	Sanitary Sewer Rehabilitation	\$ 8,500,000
Toms River Municipal Utilities Authority	S340145-08	308	9,10	Equipment Purchase	\$ 1,358,400
Trenton City	S340416-14	883	15	Meter Replacement and AMI Project	\$ 24,000,000
Tuckerton Borough	S340034-05	274	9	Curlew Rd., Kingfisher Rd. and Bass Rd. Sanitary Sewer System Rehabilitation	\$ 3,300,000
Tuckerton Borough	S340034-04	692	9	Dredging of Tuckerton Waterways (Clean Water)	\$ 7,750,000
Two Rivers Water Reclamation Authority	S340117-08	75	13	Plant RAS Improvements	\$ 2,400,000
Two Rivers Water Reclamation Authority	S340117-09	312	13	Interceptor and Pump Station Improvements	\$ 4,200,000
Two Rivers Water Reclamation Authority	S340117-10	313	13	New Main Pump Station - Planning & Design	\$ 3,300,000
Two Rivers Water Reclamation Authority	S340117-10a	#N/A	13	New Main Pump Station - Construction	\$ 88,020,000
University Hospital	S340500-03	936	28	University Hospital Co Generation Plant	\$ 7,800,000
Vernon Township	S340745-03	261	24	Vernon Township Asset Management Assessment and Plan	\$ 2,500,000
Verona Township	S340533-04	395	24	I/I Correction	\$ 1,500,000
Verona Township	S340533-05	105	26,27 & 40	WWTP Primary Pump Station Replacement	\$ 1,200,000
Wanaque Valley Regional Sewer Authority	S340780-05	150	26 & 39	Capital Improvement Project	\$ 11,500,000
Warren Township Sewerage Authority	S340964-06	26	21	Contract 56 Wastewater Treatment Plant Improvements	\$ 4,550,000
Washington Township Municipal Utilities Authority	S340552-01	382	25	Springtown Road Sanitary Sewer Lift Station Improvements	\$ 2,200,000
West Deptford Township	S340947-06	939	3	Water Meter Replacement Project (FKA DW)	\$ 4,720,000
West Wildwood Borough	S340626-05	693	1	Storm Sewer Improvements to Avenues P, Q, R, S & Mueller Avenue	\$ 1,890,000
Western Monmouth Utilities Authority	S340128-09	522	12	Digester Facility Complex Upgrade Project	\$ 21,000,000
Western Monmouth Utilities Authority	S340128-08	319	12	Hawkins Road and Millponds Force main Replacement	\$ 8,000,000
Wildwood City	S340664-06	221	1	2019 Capital Improvements	\$ 15,713,010
Willingboro Municipal Utilities Authority	S340132-08	260	7	Collection System Resiliency (SANDY)	\$ 1,900,000
Willingboro Municipal Utilities Authority	S340132-11	918	7	Water Meter Infrastructure Project	\$ 10,000,000
Willingboro Municipal Utilities Authority	S340132-09	201	7,8	Water Pollution Control Plant-Installation of Screening and Grit Removal Equipment	\$ 9,000,000

Key

Red Text SAIL Program (Disaster Relief Projects) **Green Text** Cost Update and/or New Project

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Willingboro Municipal Utilities Authority	S340132-10	496	7,8	Energy Savings Improvement Program	\$ 18,200,000
Winslow Township	S340895-10	343	4	Various Sanitary Sewer System Rehab	\$ 1,700,000
Woodbine Borough	S340370-02	538	1	Sanitary Sewer System Phase 1	\$ 6,542,000
Woodbridge Township	S340433-11	303	19	Control of Odors and Corrosion in the Port Reading Interceptor	\$ 15,300,000
Woodbridge Township	S340433-12	303	19	Segment Five Keasbey Interceptor Phase 1 and 2	\$ 28,919,899
Woolwich Township	S340432-01	603	3	New Collection System & Treatment	\$ 17,400,000
Base and Sandy Amended SFY2022 Clean Water Projects #:	405			Subtotal:	\$ 4,375,719,944
Clean Water Projects #:	418			Total Clean Water Projects:	\$ 4,472,894,944

Pinelands Clean Water Projects					
Project Sponsor	Project Number	Rank	Legislative District	Project Description	Estimated Project Cost
Galloway	Pinelands	PL-4	9	Pinehurst Sewer Extension	\$ 3,493,440
Manchester Twp./Jackson MUA	Pinelands	PL-2	10,12	Water & Sewer	\$ 7,192,035
Pemberton	Pinelands	PL-1	8	BCI Water System Improvement	\$ 2,929,000
Winslow	Pinelands	PL-5	4	Water & Sewer	\$ 1,728,940
Total Pinelands Projects #:	4			Subtotal:	\$ 15,343,415
Total Clean Water and Pinelands Projects #:	422			Total Clean Water and Pinelands Projects:	\$ 4,488,238,359

Key	
Red Text	SAIL Program (Disaster Relief Projects)
Green Text	Cost Update and/or New Project

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APPENDIX A - Clean Water

Combined Base SFY2023 Interim Clean Water / Superstorm Sandy Environmental Financing Program Project Priority List and Disaster Relief Emergency Financing Program (Statewide Assistance Infrastructure Loan Program (SAIL)) Project Priority List

Rank Order

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
SUPPLEMENTAL LOANS				
N/A	Paterson City	S340850-03-1	Change Order 2 CSO 029 Solids and Floatables Control	\$ 2,550,000
N/A	Rockaway Valley RSA	S340821-06-1	Old Jersey Trunk Sewer Replacement	\$ 775,000
N/A	Somerville Borough	S342013-01-1	Green Seam Phase II Ground Water Treatment	\$ 1,850,000
Supplemental Loans #:		3	Subtotal:	\$ 5,175,000

RESIDUAL LOANS				
N/A	Camden County Municipal Utilities Authority	S340640-18R	Phase I Upgrades - Improve/Sustain Optimal Wastewater Performance	\$ 10,000,000
N/A	Clinton Town	S340924-07R	Town of Clinton System-Wide Customer Meter Replacement	\$ 800,000
N/A	Hoboken City	S340635-06R	CSO - Acquisition, Remediation, & Construction on 6 Acre Park & Outfall (SANDY)	\$ 33,000,000
N/A	Jersey City Municipal Utilities Authority	S340928- 15R	Phase 3 & 4 Sewer Improvements	\$ 3,500,000
N/A	Newark City	S340815-24R	CSO - Structural evaluation & rehab of 350 miles of small diameter sewers	\$ 21,000,000
N/A	North Bergen MUA	S340652-14R	Woodcliff Additional Improvements	\$ 8,200,000
N/A	Ocean Twp SA	S340750-14R	Asbury Avenue and Longview Pump Stations Rehabilitation	\$ 1,000,000
N/A	Passaic Valley Sewerage Commission	S340689- 40R	Plant wide Replacement & Relocation of Electrical Switchgear and MCCs	\$ 1,500,000
N/A	Plumsted Township	S340607-03R	Advanced WW treatment & collection system	\$ 10,000,000
N/A	Rockaway Valley RSA	S340821-07R	Rehab & enhancement of four existing final clarifiers	\$ 3,000,000
Residual Loans #:		10	Subtotal:	\$ 92,000,000

Key

Red Text SAIL Program (Disaster Relief Projects)	Green Text Cost Update and/or New Project
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Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
BASE & SUPERSTORM SANDY LOANS				
1	Musconetcong Sewer Authority	S340384-09	Wastewater Treatment Plant Improvements	\$ 6,200,000
2	Oakland Borough	S340418-06	Oakland Sewer System Improvements	\$ 7,720,000
3	Camden County Municipal Utilities Authority	S340640-19	CSO-Camden City Green and Grey Infrastructure Project, Phase 4	\$ 11,500,000
3	Camden County Municipal Utilities Authority	S340640-25	Camden City Green Infrastructure, Phase 5	\$ 14,300,000
4	Camden County Municipal Utilities Authority	S340640-20	CSO - Camden City Green Infrastructure	\$ 3,000,000
5	Newton Town	S340449-05	Improvements to the Waste Water Treatment Plant, Digester conversion and primary sludge pump replacement.	\$ 1,200,000
7	Camden County Municipal Utilities Authority	S340640-27	Infrastructure Improvements on South 27th Street (CR 609) in the City of Camden	\$ 4,862,636
8	Camden County Municipal Utilities Authority	S345040-01	CSO - Camden City and Gloucester City Long Term CSO Control Plan	\$ 1,380,000
10	Rahway Valley Sewerage Authority	S340547-17	Headworks Influent Bar Screen Replacement	\$ 5,000,000
13	Camden County Municipal Utilities Authority	S340640-21	CSO - Camden City Waterfront Stormwater Pumping Station	\$ 32,500,000
15	Mendham Borough	S340159-04	WWTP Improvements	\$ 3,500,000
16	Newark City	S340815-25	CSO - Green Infrastructure for the Sewer System	\$ 475,000
16	Newark City	S340815-27	CSO - Greenstreet Projects for the City of Newark	\$ 3,800,000
16	Newark City	S340815-28	South Street and Adams Street Drainage Improvements	\$ 6,000,000
19	Berkeley Heights Township	S340385-05	STP Upgrade	\$ 2,000,000
20	Camden County Municipal Utilities Authority	S340640-32	Camden - Pennsauken CSO Disconnect	\$ 24,000,000
22	Camden County Municipal Utilities Authority	S340640-29	Delaware #1 WPCF Piping and Treatment Upgrades	\$ 12,700,000
23	Montgomery Township	S340130-04	Cherry Valley Wastewater Treatment Plant Consolidation	\$ 11,000,000
24	Montgomery Township	S340130-03	Stage II Wastewater Treatment Plant Flood Protection Project	\$ 12,000,000
26	Warren Township Sewerage Authority	S340964-06	Contract 56 Wastewater Treatment Plant Improvements	\$ 4,550,000
27	Newark City	S340815-24	CSO - Structural evaluation & rehab of 350 miles of small diameter sewers	\$ 24,000,000
27	Newark City	S340815-26	CSO - Improvements to the Peddie Combined Sewer Overflow	\$ 3,300,000
29	Camden City	S340366-07	CSO - 2014 Sanitary/Combined Sewer Rehab/Replacement Project	\$ 5,500,000
29	Camden City	S340366-12	CSO - Cooper Street Pump Station	\$ 2,300,000
29	Camden City	S340366-13	CSO - Rehabilitation of Arch Street Pump Station	\$ 12,000,000
29	Camden City	S340366-14	CSO - Rehabilitation of Ten (10) Combined Sewer Outfalls.	\$ 9,370,000
29	Camden City	S340366-15	CSO - Rehabilitation of Combined Sewer Outfalls and Regulator Chambers	\$ 13,330,000
30	Jersey City Municipal Utilities Authority	S340928-27	CSO - Green Infrastructure- Martin Luther King Drive Tree Trenches	\$ 500,000

Key	
Red Text	SAIL Program (Disaster Relief Projects)
Green Text	Cost Update and/or New Project

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
30	Jersey City Municipal Utilities Authority	S340928-37	Sewer Improvements 2a	\$ 50,202,482
32	Middlesex County Utilities Authority	S340699-18	CTP Rehab-Phase 5	\$ 46,000,000
32	Middlesex County Utilities Authority	S340699-19	CTP Rehab-Phase 6	\$ 31,000,000
33	Middlesex County Utilities Authority	S340699-17	ctp rehabilitation phase 4	\$ 22,000,000
36	North Bergen Municipal Utilities Authority	S340652-16	NBMUA CSO Tank	\$ 21,500,000
36	North Bergen Municipal Utilities Authority	S340652-15	Woodcliff Additional Improvements	\$ 8,700,000
38	Hoboken City	S340635-08	CSO - Southwest Resiliency Park - Acquisition, Rehabilitation	\$ 13,100,000
40	Paterson City	S340850-05	CSO - 023 Elimination- Sewer Separation at Second Avenue	\$ 1,935,000
40	Paterson City	S340850-06	CSO - 21st Avenue Sewer Reconstruction	\$ 2,161,100
40	Paterson City	S340850-07	CSO - West Railway Sewer Reconstruction	\$ 2,137,200
43	Hopatcong Borough	S340488-08	Hudson Avenue Sanitary Sewer Installation	\$ 600,000
44	Jersey City MUA	S340928-50	Princeton Ave Sewer Replacement	\$ 1,700,000
44	Jersey City Municipal Utilities Authority	S340928-42	Phase 6A Sewer Rehabilitation	\$ 36,000,000
44	Jersey City Municipal Utilities Authority	S340928-44	Claremont Carteret Pump Station	\$ 37,000,000
44	Jersey City Municipal Utilities Authority	S340928-43	Phase 7a Sewer Improvements	\$ 61,751,143
44	Jersey City Municipal Utilities Authority	S340928-46	Jersey City Claremont Emergency Repair.	\$ 3,600,000
44	Jersey City Municipal Utilities Authority	S340928-47	Van Horne Street Sewer Improvements	\$ 11,400,000
44	Jersey City Municipal Utilities Authority	S340928-49	Pine Street Area Sewer Separation	\$ 33,100,000
45	Jersey City Municipal Utilities Authority	S340928-40	Eastside and Westside Pump Station Mechanical Screens	\$ 3,600,000
46	Jersey City Municipal Utilities Authority	S340928-21	CSO - Sewer Pipe Replacement / Phase V CSO Study	\$ 13,000,000
46	Jersey City Municipal Utilities Authority	S340928-16	Sixth Street Combined Sewer Outfall	\$ 9,500,000
46	Jersey City Municipal Utilities Authority	S340928-18	CSO - Claremont Carteret outfall replacement (SANDY)	\$ 5,600,000
46	Jersey City Municipal Utilities Authority	S340928-24	CSO - Phase 1/2 Sewer Rehabilitation	\$ 108,000,000
46	Jersey City Municipal Utilities Authority	S340928-36	Phase 5-B Sewer	\$ 10,800,000
46	Jersey City Municipal Utilities Authority	S340928-38	Sewer Improvements Phase 5a	\$ 35,273,044
46	Jersey City Municipal Utilities Authority	S340928-39	PHASE 6B SEWER MAIN REHABILITATION PROJECT	\$ 33,000,000
46	Jersey City Municipal Utilities Authority	S340928-41	Van Winkle Combined Sewer Outfall	\$ 4,500,000
46	Jersey City Municipal Utilities Authority	S340928-23	3 Pump Stations Flood Hardening Improvements	\$ 13,000,000

Key	
Red Text SAIL Program (Disaster Relief Projects)	Green Text Cost Update and/or New Project

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
46	Jersey City Municipal Utilities Authority	S340928-35	Carteret Phase II	\$ 7,774,166
48	Elizabeth City	S340942-13	CSO - Western Interceptor Modifications	\$ 13,146,000
48	Elizabeth City	S340942-17	CSO - South Street Flood Control Project (SANDY)	\$ 6,500,000
48	Elizabeth City	S340942-20	South Second Street Drainage and Atlantic Street CSO Tank Project	\$ 10,300,000
48	Elizabeth City	S345070-01	CSO - City of Elizabeth Combined Sewer Overflow Long Term Control Plan	\$ 4,000,001
49	Camden County Municipal Utilities Authority	S340640-33	Bar Screen & Grit System Upgrades	\$ 15,500,000
50	Camden County Municipal Utilities Authority	S340640-13	Delaware #1 Pump Upgrades	\$ 12,800,000
51	Bayonne City	S340399-31	CSO - Stormwater Management Facilities and Park Improvements	\$ 5,000,000
51	Bayonne City	S340399-32	Avenue F & 24th Street Sewer and Manhole Rehabilitation	\$ 1,000,000
53	Kearny Town	S340259-11	CSO - Dukes St Stormwater Pump Station	\$ 17,000,000
55	Ridgefield Park Village	S345230-01	CSO - Planning for Long Term Control Plan	\$ 800,002
56	Guttenberg Town	S340854-03	Guttenberg CSO	\$ 3,500,000
56	Guttenberg Town	S340854-04	CSO Improvements	\$ 300,000
58	Carneys Point Sewerage Authority	S340502-09	UV Disinfection & Filter System Improvements	\$ 1,497,445
60	Paterson City	S345210-01	CSO - Investigation of Tributary Sewers from Adjacent Municipalities (SANDY)	\$ 200,000
61	Perth Amboy City	S340435-17	CSO -Second Street Corridor Project	\$ 4,418,400
62	Long Branch Sewerage Authority	S340336-08	2018 Capital Improvements Projects - Wastewater Treatment Plant	\$ 1,740,700
65	Hackensack City	S340923-20	Green Infrastructure Improvements	\$ 800,000
67	Bayshore Regional Sewer Authority	S340697-07	Power Resiliency Project 5182	\$ 28,000,000
68	Ocean County Utilities Authority	S340372-61	Northern Water Pollution Control Facility Influent Screw Pump Improvements	\$ 5,300,000
68	Ocean County Utilities Authority	S340372-62	Northern Water Pollution Control Facility Clarifier Rehabilitation FC-1 and FC-8	\$ 4,300,000
68	Ocean County Utilities Authority	S340372-63	Northern Water PCF Solids Handling Facility Roof Replacement	\$ 2,200,000
70	Ocean County Utilities Authority	S340372-64	Central Water Pollution Control Facility Process Improvements	\$ 37,774,000
75	Two Rivers Water Reclamation Authority	S340117-08	Plant RAS Improvements	\$ 2,400,000
78	Hoboken City	S340635-09	ROW Green Infrastructure adjacent to water Mains	\$ 500,000
78	Hoboken City	S340635-10	ROW Green Infrastructure	\$ 1,000,100
80	Mount Laurel Township Municipal Utilities Authority	S340943-06	Sewer System Improvement Project (Bundle 1)	\$ 8,000,000
81	Ocean Township Sewer Authority	S340750-15	Grit Building Upgrades	\$ 1,600,000
83	Cliffside Park Borough	S340847-04	CSO - Combined Sewer Separation	\$ 5,300,000
89	Jersey City	S340928-30	CSO - Street Cleaning Equipment	\$ 2,711,000
91	North Hudson Sewer Authority	S340952-34	Collection System Improvements	\$ 1,200,000
93	North Hudson Sewer Authority	S340952-40	H6/H7 CSO Long Term Control Plan - Phase II	\$ 11,500,000

Key	
Red Text	SAIL Program (Disaster Relief Projects)
Green Text	Cost Update and/or New Project

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
94	North Hudson Sewer Authority	S340952-33	H6/H7 Long Term Control Plan Project	\$ 27,000,000
95	North Hudson Sewer Authority	S340952-30	CSO - 2017 Adams Street Wastewater Treatment Plant Improvements	\$ 23,200,000
95	North Hudson Sewer Authority	S340952-31	Green Infrastructure	\$ 900,000
95	North Hudson Sewer Authority	S345190-01	CSO - Combined Sewer Long Term Control Plan	\$ 6,000,000
96	North Hudson Sewer Authority	S340952-37	Madison Street Improvements	\$ 5,400,000
96	North Hudson Sewer Authority	S340952-38	W1234 Outfall Emergency Repair	\$ 1,351,200
96	North Hudson Sewer Authority	S340952-39	Boulevard East Combined Sewer Improvements	\$ 12,700,000
99	Riverside Sewerage Authority	S340490-01	Primary Digester Mixing System	\$ 840,000
102	Perth Amboy City	S340435-20	Rehabilitation of a Section of the West Interceptor	\$ 1,925,000
102	Perth Amboy City	S340435-21	The Replacement of Catch Basins - 2022	\$ 355,000
102	Perth Amboy City	S340435-22	The Cleaning and Lining of Sewer Mains and Man Holes Project	\$ 3,120,000
102	Perth Amboy City	S340435-23	Geotech Feasibility Study for the Installation of a New Force Main	\$ 3,900,000
102	Perth Amboy City	S340435-24	Implementation of Green Infrastructure Projects to Comply with the LTCP	\$ 1,300,000
103	Perth Amboy City	S340435-14	CSO - Reparation (Pulaski Ave / Parker St. / State Street)	\$ 2,608,000
103	Perth Amboy City	S340435-19	The Purchasing of a CCTV Video Pipeline Inspection System Project	\$ 400,000
103	Perth Amboy City	S345220-01	CSO - Permit Development of Long Term Control Plan	\$ 1,000,000
105	Verona Township	S340533-05	WWTP Primary Pump Station Replacement	\$ 1,200,000
106	Hackensack City	S340923-16	Anderson Drainage Area Sewer Separation Efforts - Phase I	\$ 5,000,000
106	Hackensack City	S340923-17	Green Street (Brosses Creek) Sewer Separation	\$ 7,500,000
106	Hackensack City	S340923-18	Court Street Drainage Area CSO Compliance - Underground Storage	\$ 7,900,000
106	Hackensack City	S340923-19	Atlantic Street Infrastructure Improvements	\$ 5,150,000
106	Hackensack City	S340923-13	The Long Term Control Plan and CSO Sewer Separation Efforts (Phase 3)	\$ 15,200,000
106	Hackensack City	S340923-14	Sewer Separation to Support Main Street Redevelopment	\$ 8,000,000
106	Hackensack City	S340923-21	Clay Street Culvert	\$ 11,400,000
110	Somerset Raritan Valley Sewer Authority	S340801-09	WWTP Rehabilitation Improvements (SFY2019)	\$ 6,500,000
118	Delran Township	S340794-11	Service Water System Upgrades and Aeration Blower Replacement Project	\$ 2,100,000
119	Passaic Valley Sewerage Commission	S340689-58	Advanced Electrical Contract II Project	\$ 80,000,000
119	Passaic Valley Sewerage Commission	S340689-37	CSO - Substation "M" Replacement	\$ 121,500,000
120	Passaic Valley Sewerage Commission	S340689-44	CSO - Wallington Pump Station Rehabilitation Project	\$ 22,110,000
121	Passaic Valley Sewerage Commission	S340689-52	Advanced Electrical Project	\$ 67,000,000
121	Passaic Valley Sewerage Commission	S340689-53	Plantwide SCADA Improvements	\$ 18,200,000
121	Passaic Valley Sewerage Commission	S340689-55	Improvements to the Utility Tunnel Process Piping Project	\$ 9,288,380

Key	
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Green Text	Cost Update and/or New Project

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
121	Passaic Valley Sewerage Commission	S340689-56	O2 Deck Rehabilitation	\$ 6,000,000
122	Passaic Valley Sewerage Commission	S340689-23	CSO - Standby Power Generating Facility (SAIL)	\$ 183,500,000
122	Passaic Valley Sewerage Commission	S345200-01	CSO - Combined Sewer Overflow Long Term Control Planning (SANDY)	\$ 9,500,000
123	Passaic Valley Sewerage Commission	S340689-51	Secondary Bypass and Sludge Train Recycles Rerouting Project	\$ 70,220,000
124	Passaic Valley Sewerage Commission	S340689-49	PVSC Perimeter Flood Wall, Storm Water Collection Sys. & Pumping Stations (Merged (S340689-41,42,43)(SAIL)	\$ 296,136,901
125	Passaic Valley Sewerage Commission	S340689-33	CSO - Weatherproof tunnel locations incl HVAC for ventilation (SAIL)	\$ 107,000,000
130	Pennsville Sewerage Authority	S340870-05	Wastewater Treatment Plant Improvements	\$ 4,000,000
133	Beach Haven Borough	S344220-01	Barneget Bay - Stormwater Pump replacement and drainage	\$ 2,038,640
134	Phillipsburg Town	S340874-09	Wastewater Treatment Plant Odor Control Management	\$ 3,123,000
135	Gloucester City	S340958-09	Flood & Sewage Backup Mitigation	\$ 2,200,000
136	Stony Brook Regional Sewer Authority	S340400-12	Hopewell WWTP Improvements	\$ 16,100,000
137	Logan Township Municipal Utilities Authority	S340123-02	Effluent Force Main Replacement Project	\$ 12,000,000
139	Bergen County Utilities Authority	S340386-19	Infrastructure Protection Improvements	\$ 3,240,000
139	Bergen County Utilities Authority	S340386-20	Primary Settling Tanks Improvements	\$ 9,000,000
139	Bergen County Utilities Authority	S340386-21	Final Settling Tanks Improvements	\$ 7,600,000
139	Bergen County Utilities Authority	S340386-22	Facility Assessment and Improvements	\$ 5,690,000
139	Bergen County Utilities Authority	S340386-23	Sludge Digester Improvements	\$ 18,700,000
139	Bergen County Utilities Authority	S340386-24	Tank Header Improvements	\$ 1,950,000
140	Bergen County Utilities Authority	S340386-15	Power Supply mitigation improvements	\$ 57,000,000
140	Bergen County Utilities Authority	S340386-16	All Plant wide mitigation improvements	\$ 42,000,000
140	Bergen County Utilities Authority	S340386-18	Pump Station Resiliency Project	\$ 2,491,339
142	Linden Roselle Sewer Authority	S340299-08	2019 Capital Improvements Projects	\$ 27,000,000
143	Gloucester City	S345090-01	CSO - Combined Sewer Overflow Asset Management Plan	\$ 1,000,000
148	Passaic Valley Sewerage Commission	S340689-50	Improvements to the Vehicle Maintenance Building	\$ 8,800,000
150	Wanaque Valley Regional Sewer Authority	S340780-05	Capital Improvement Project	\$ 11,500,000
153	Clinton Town	S340924-08	WWTP Filter and Residuals Building Improvement Project	\$ 4,100,000
156	JMEUC - Elizabeth City	S340686-11b	Flood Mitigation Phase II Cogeneration Upgrade	\$ 3,004,607
159	JMEUC - Newark City	S340686-11g	Flood Mitigation Phase II Cogeneration Upgrade	\$ 668,831

Key	
Red Text	SAIL Program (Disaster Relief Projects)
Green Text	Cost Update and/or New Project

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
161	Gloucester County Utilities Authority	S340902-15	Combined Heat & Power	\$ 11,500,000
162	JMEUC - East Orange City	S340686-11a	Flood Mitigation Phase II Cogeneration Upgrade	\$ 333,727
163	JMEUC - Union Township	S340686-11k	Flood Mitigation Phase II Cogeneration Upgrade	\$ 1,166,478
164	JMEUC - Irvington Township	S340686-11d	Flood Mitigation Phase II Cogeneration Upgrade	\$ 1,080,132
165	JMEUC - West Orange Township	S340686-11l	Flood Mitigation Phase II Cogeneration Upgrade	\$ 775,448
166	Stafford Township	S344100-03	Barnegat Bay - Neptune Basin Expansion	\$ 5,600,000
167	JMEUC - Maplewood Township	S340686-11e	Flood Mitigation Phase II Cogeneration Upgrade	\$ 470,818
168	JMEUC - Hillside Township	S340686-11c	Flood Mitigation Phase II Cogeneration Upgrade	\$ 465,709
169	JMEUC - Summit City	S340686-11j	Flood Mitigation Phase II Cogeneration Upgrade	\$ 592,667
170	JMEUC - Millburn Township	S340686-11f	Flood Mitigation Phase II Cogeneration Upgrade	\$ 425,142
171	JMEUC - South Orange Village Township	S340686-11i	Flood Mitigation Phase II Cogeneration Upgrade	\$ 348,932
172	JMEUC - Roselle Park	S340686-11h	Flood Mitigation Phase II Cogeneration Upgrade	\$ 257,515
174	Berkeley Township	S344020-02	Barnegat Bay - Water Quality Retention Basin at Moorage Park	\$ 905,063
174	Berkeley Township	S344020-01	Water Quality Retention Basin at Veterans Park	\$ 905,063
175	Allentown Borough	S340567-05	Sewer Plant Modifications	\$ 5,100,000
176	Stony Brook Regional Sewer Authority	S340400-11	River Road Wastewater Treatment Plant UV Disinfection and Effluent Filtration Project	\$ 22,000,000
181	Evesham Municipal Utilities Authority	S340838-09	Elmwood WWTP Resiliency Improvements	\$ 500,000
181	Evesham Municipal Utilities Authority	S340838-10	Elmwood Tertiary Filter Rehabilitation	\$ 1,500,000
183	Long Hill Township	S340404-10	Capacity Assurance and System Rehabilitation Project	\$ 7,500,000
190	Bergen County Utilities Authority	S340386-26	Cogeneration Engine Rehabilitation	\$ 3,000,000
191	Bergen County Utilities Authority	S340386-13	Consolidation of Edgewater/ Little Ferry service area	\$ 70,000,000
192	JMEUC - East Orange City	S340686-08a	Flood Mitigation Facilities Project	\$ 1,245,000
192	JMEUC - East Orange City	S340686-09a	Capital Improvements Projects 2019	\$ 620,504
192	JMEUC - Elizabeth City	S340686-08b	Flood Mitigation Facilities Project	\$ 12,920,000
192	JMEUC - Elizabeth City	S340686-09b	Capital Improvements Projects 2019	\$ 6,505,876
192	JMEUC - Hillside Township	S340686-08c	Flood Mitigation Facilities Project	\$ 1,815,000
192	JMEUC - Hillside Township	S340686-09c	Capital Improvements Projects 2019	\$ 908,430
192	JMEUC - Irvington Township	S340686-08d	Flood Mitigation Facilities Project	\$ 4,505,000
192	JMEUC - Irvington Township	S340686-09d	Capital Improvements Projects 2019	\$ 2,252,347
192	JMEUC - Maplewood Township	S340686-08e	Flood Mitigation Facilities Project	\$ 1,845,000
192	JMEUC - Millburn Township	S340686-08f	Flood Mitigation Facilities Project	\$ 1,650,000
192	JMEUC - Newark City	S340686-08g	Flood Mitigation Facilities Project	\$ 2,705,000
192	JMEUC - Newark City	S340686-09e	Capital Improvements Projects 2019	\$ 1,363,042
192	JMEUC - Roselle Park	S340686-08h	Flood Mitigation Facilities Project	\$ 905,000
192	JMEUC - South Orange Village Township	S340686-08i	Flood Mitigation Facilities Project	\$ 1,305,000
192	JMEUC - South Orange Village Township	S340686-09f	Capital Improvements Projects 2019	\$ 650,806
192	JMEUC - Summit City	S340686-08j	Flood Mitigation Facilities Project	\$ 2,375,000
192	JMEUC - Summit City	S340686-09g	Capital Improvements Projects 2019	\$ 1,186,322
192	JMEUC - Union Township	S340686-08k	Flood Mitigation Facilities Project	\$ 4,885,000
192	JMEUC - Union Township	S340686-09h	Capital Improvements Projects 2019	\$ 2,449,335
192	JMEUC - West Orange Township	S340686-08l	Flood Mitigation Facilities Project	\$ 3,170,000

Key	
Red Text	SAIL Program (Disaster Relief Projects)
Green Text	Cost Update and/or New Project

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
192	JMEUC - West Orange Township	S340686-09i	Capital Improvements Projects 2019	\$ 1,585,429
194	Howell Township	S344040-02	Barneгат Bay - Freewood Acres & Route 9 Sanitary Sewer Extension	\$ 14,680,000
197	Rutgers University	S340500-01	Busch Cogeneration Plant Upgrade	\$ 37,500,000
198	Northfield City	S340508-04	Sanitary Sewer Pump Station Upgrades - Zion and Davis Avenues	\$ 650,000
201	Willingboro Municipal Utilities Authority	S340132-09	Water Pollution Control Plant-Installation of Screening and Grit Removal Equipment	\$ 9,000,000
209	Ocean County	S344080-10	Barneгат Bay - Camera Pipe Line Inspection Truck System - Equipment	\$ 250,000
209	Ocean County	S344080-11	Barneгат Bay -Mechanical Street Sweeper - Equipment	\$ 350,000
210	Rockaway Valley Regional Sewer Authority	S340821-08	Improvements to treatment facility to ensure compliance with NJPDES effluent parameters, & implement add'tl SCADA improvements	\$ 15,500,000
211	Ocean County	S344080-09	Barneгат Bay - Manufactured Treatment Devices	\$ 1,300,000
215	Lacey Township	S344140-02	Yacht Basin Plaza North & South Bulkhead and Stormwater Management	\$ 1,559,000
216	Chatham (MCJM) Borough	S340715-07A	Facility Improvements 2018	\$ 7,289,180
216	Madison (MCJM) Borough	S340715-07B	Facility Improvements 2018	\$ 7,289,180
221	Wildwood City	S340664-06	2019 Capital Improvements	\$ 15,713,010
223	Ocean Gate Borough	S344180-01	Barneгат Bay - Storm Sewer MTD	\$ 2,600,000
227	Jersey City Municipal Utilities Authority	S340928-48	Sanitary Sewer Main Rehabilitation/Lining - Montgomery St & Tonnele Ave	\$ 2,600,000
228	Passaic Valley Sewerage Commission	S340689-57	Phase V - Line Improvements Program	\$ 89,500,000
229	New Jersey Water Supply Authority	S340421-02	Round Valley Reservoir Structures Refurbishment and Resource Preservation	\$ 95,000,000
230	Camden County MUA	S340640-36	Service & Administration Buildings Rehab	\$ 15,000,000
236	Kearny Municipal Utilities Authority	S340259-14	PS Grit Collector Replacement/ Central & Pennsylvania Ave Sewer Rehab	\$ 1,582,000
241	Phillipsburg Town	S340874-08	Sanitary and Storm Sewer Infrastructure Improvements	\$ 2,600,000
245	Long Branch Sewerage Authority	S340336-09	2018 Capital Improvements Projects - Collection System	\$ 5,600,000
248	Princeton	S340656-08	System-wide Sanitary Sewer Rehabilitation	\$ 4,300,000
248	Princeton	S340656-09	Linden Lane Improvements	\$ 1,821,582
249	Stafford Township	S340946-09	Beach Haven West Sanitary Sewer Replacement Phase IV	\$ 4,680,000
249	Stafford Township	S340946-07	Beach Haven West Sewer Rehab	\$ 5,000,000
249	Stafford Township	S340946-08	Beach Haven West Sanitary Sewer Replacement Phase III	\$ 3,500,000
251	Metuchen Borough	S340360-02	Sewage Pump Station Replacement	\$ 9,000,000
253	Somerville Borough	S340551-01	Somerville Sanitary Sewers Project 19-001	\$ 3,700,000
256	Netcong Borough	S340538-01	Sewer System Asset Management Plan	\$ 100,000
258	Manasquan River Regional Sewerage Authority	S340911-03	Equipment Replacement	\$ 660,000
259	Manasquan River Regional Sewerage Authority	S340911-04	Mingamahone Pump Station Improvements	\$ 2,388,541
260	Willingboro Municipal Utilities Authority	S340132-08	Collection System Resiliency (SANDY)	\$ 1,900,000

Key	
Red Text SAIL Program (Disaster Relief Projects)	Green Text Cost Update and/or New Project

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
261	Vernon Township	S340745-03	Vernon Township Asset Management Assessment and Plan	\$ 2,500,000
263	Little Egg Harbor Township	S340579-05	Sewer Main Replacement Phase II	\$ 4,200,000
264	Delran Township	S340794-10	Clay Street Pump Station	\$ 2,100,000
265	Hopatcong Borough	S340488-07	Sanitary Sewer System Asset Management Plan	\$ 80,000
271	Delanco Sewerage Authority	S340956-03	Collection System Improvement Project	\$ 1,582,000
274	Tuckerton Borough	S340034-05	Curlew Rd., Kingfisher Rd. and Bass Rd. Sanitary Sewer System Rehabilitation	\$ 3,300,000
279	Montclair Township	S340837-05	Sanitary Sewer Manhole Rehabilitation	\$ 800,000
281	Orange City	S340859-03	Collection System Rehabilitation and Replacement	\$ 3,377,600
284	Pleasantville City	S340752-04	Sewer Infrastructure 2016-2017	\$ 4,328,550
286	Collingswood Borough	S340291-04	Harrison avenue area sanitary sewer improvements	\$ 800,000
289	Middlesex County Utilities Authority	S340699-20	Pump Station Rehab	\$ 15,000,000
290	Middlesex County Utilities Authority	S340699-16	Main Trunk Sewer Rehabilitation Phase III	\$ 18,100,000
293	Bergen County Utilities Authority	S340386-25	Northern Valley Force Main Improvements	\$ 4,000,000
294	Monmouth County Bayshore Outfall Authority	S340325-04	Force Main Assessment and Rehabilitation	\$ 3,500,000
#N/A	Monmouth County Bayshore Outfall Authority	S340325-04a	Force Main Assessment and Rehabilitation - Valve component	\$ 3,500,000
296	Camden County MUA	S340640-34	Pump Station and Interceptor Upgrades and Rehabilitation	\$ 15,200,000
296	Camden County Municipal Utilities Authority	S340640-30	CCMUA Pump Station Electrical Upgrades	\$ 7,500,000
296	Camden County Municipal Utilities Authority	S340640-28	Emergency Rehab/Replacement of the CCMUA Berlin Twp. Force Main	\$ 7,500,000
299	Atlantic County Utilities Authority	S340809-30	Ventnor-Margate Force main Replacement - Phase 1	\$ 10,100,000
301	Rockaway Valley Regional Sewer Authority	S340821-10	Interceptor Sewer Rehabilitation and Replacement - Boonton Section	\$ 3,454,050
303	Woodbridge Township	S340433-11	Control of Odors and Corrosion in the Port Reading Interceptor	\$ 15,300,000
303	Woodbridge Township	S340433-12	Segment Five Keasbey Interceptor Phase 1 and 2	\$ 28,919,899
308	Toms River MUA	S340145-05	Sanitary Sewer Rehabilitation	\$ 4,500,000
308	Toms River Municipal Utilities Authority	S340145-07	Sanitary Sewer Rehabilitation	\$ 8,500,000
308	Toms River Municipal Utilities Authority	S340145-08	Equipment Purchase	\$ 1,358,400
312	Two Rivers Water Reclamation Authority	S340117-09	Interceptor and Pump Station Improvements	\$ 4,200,000
313	Two Rivers Water Reclamation Authority	S340117-10	New Main Pump Station - Planning & Design	\$ 3,300,000
#N/A	Two Rivers Water Reclamation Authority	S340117-10a	New Main Pump Station - Construction	\$ 88,020,000
314	Brick Township Municipal Utilities Authority	S340448-11	Wastewater Pump Station Rehabilitation - Phase II	\$ 5,700,000

Key	
Red Text	SAIL Program (Disaster Relief Projects)
Green Text	Cost Update and/or New Project

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
314	Brick Township Municipal Utilities Authority	S340448-13	Sanitary Sewer Main Replacement on Cartagena Drive, Alhama Drive, Cadiz Drive, Valencia Drive and Monterey Drive	\$ 4,600,000
314	Brick Township Municipal Utilities Authority	S340448-12	Sanitary Sewer Manhole Rehabilitation and Replacement	\$ 4,824,000
315	Northwest Bergen County Utilities Authority	S340700-19	Interceptor System Rehabilitation	\$ 8,132,450
315	Northwest Bergen County Utilities Authority	S340700-15	Wastewater Pump Station Improvements	\$ 7,000,000
319	Western Monmouth Utilities Authority	S340128-08	Hawkins Road and Millponds Force main Replacement	\$ 8,000,000
324	Franklin Township Sewerage Authority	S340839-08	Hamilton St. Pumping Station	\$ 4,200,000
324	Franklin Township Sewerage Authority	S340839-09	Marcy Street Sanitary Sewer Rehab	\$ 7,500,000
324	Franklin Township Sewerage Authority	S340839-10	Somerset Street Drainage Area Rehab	\$ 5,400,000
330	Parsippany Troy Hills Township	S340886-05	Pump Station No. 4 Sanitary Sewer Redirection Project	\$ 11,733,500
336	Evesham Municipal Utilities Authority	S340838-08	Route 70 Sewer Rehabilitation	\$ 1,000,000
337	Egg Harbor Township Municipal Utilities Authority	S340753-06	FAA Pump Station Reconstruction	\$ 1,250,000
338	Hackensack City	S340923-22	City of Hackensack - Various Sanitary Sewer Improvements and Repairs (MKM)	\$ 1,300,000
339	Mount Laurel Township Municipal Utilities Authority	S340943-07	Sewer System Improvement Project (Bundle 2)	\$ 3,200,000
340	Berkeley Township Sewer Authority	S340969-14	Bayview Ave. Force Main Replacement	\$ 3,500,000
341	North Brunswick Township	S340888-03	Sanitary Sewer Improvement Project	\$ 3,300,000
341	North Brunswick Township	S340888-04	Mile Run Interceptor Repair	\$ 2,550,000
343	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	\$ 1,700,000
344	Hillsborough MUA	S340099-03	TTHMUA - Sunnymeade Pump Station and Force Main	\$ 11,000,000
346	Monroe Municipal Utilities Authority	S340423-06	Pump Station Replacement/Rehabilitation	\$ 2,400,000
346	Monroe Municipal Utilities Authority	S340423-07	Sanitary Sewer Rehabilitation	\$ 480,000
347	Monroe Municipal Utilities Authority	S340423-05	Video Inspection Equipment	\$ 300,000
351	Ocean Township Sewer Authority	S340750-13	2016 Collection System Improvements	\$ 550,000
361	Scotch Plains Township	S340512-01	Sewer Pump Station Upgrades	\$ 2,700,000
362	Carteret Borough	S340939-10	Roosevelt Pump Station and Bergen Street Pump Station Upgrades	\$ 6,600,000
363	Burlington Township	S340712-17	Sanitary Sewer Rehabilitation in Various Locations	\$ 1,000,000
368	Deptford Township Municipal Utilities Authority	S340066-03	Sanitary Sewer Rehabilitation at Country Club Estates	\$ 1,000,000
368	Deptford Township Municipal Utilities Authority	S340066-04	Sanitary Sewer Rehabilitation at East Woodbury	\$ 700,000
369	Hillside Township	S340686-10	North Avenue Pumping Station	\$ 1,300,000

Key	
Red Text	SAIL Program (Disaster Relief Projects)
Green Text	Cost Update and/or New Project

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
372	Roselle Borough	S340332-02	Cleaning & lining of sanitary sewer	\$ 3,800,000
373	Hamilton Township Municipal Utilities Authority	S340903-06	2019 Wastewater Facility Upgrades and Renovations	\$ 2,500,000
382	Washington Township Municipal Utilities Authority	S340552-01	Springtown Road Sanitary Sewer Lift Station Improvements	\$ 2,200,000
384	Hopewell Township	S340282-03	Sanitary Sewer System Asset Management Plan - Sewer Rehabilitation Projects	\$ 1,640,000
387	Princeton	S340656-11	Improvements to Linden Lane and Spruce Street	\$ 3,925,678
387	Princeton	S340656-12	Improvements to Bank Street	\$ 1,871,602
393	Mantua Township MUA	S340514-01	Austin Street Sewer Pump Station	\$ 2,650,000
393	Mantua Township MUA	S340514-03	Royal Oaks Sewer Pump Station	\$ 1,350,000
395	Verona Township	S340533-04	I/I Correction	\$ 1,500,000
397	Middlesex Borough	S340698-02	Sanitary Sewer Main Improvements	\$ 2,568,750
397	Middlesex Borough	S340698-03	Middlesex Borough Rehabilitation of Sanitary Sewers Phase II (Greenbrook Rd. and Louis Ave. Pump Stations)	\$ 1,200,000
403	Pennsville Sewerage Authority	S340870-04	Pumping Station No. 3 Force Main Replacement	\$ 1,600,000
404	Red Bank Borough	S340528-01	White Street Water & Sewer Improvements	\$ 4,500,000
414	South Monmouth Regional Sewer Authority	S340377-06	Pump Station Upgrades - Brielle and Glimmer Glass	\$ 1,700,000
419	Brigantine City	S340827-04	Emergency Generators (SANDY)	\$ 3,300,000
423	Northfield City	S340508-03	Preparation of an Asset Management Plan	\$ 180,000
425	Runnemede Borough	S340363-06	Sanitary Sewer slip-lining at various locations	\$ 1,800,000
426	North Haledon Borough	S340229-02	Small System Asset Management Plan	\$ 100,000
427	North Haledon Borough	S340229-01	Pump Station Rehabilitation	\$ 1,021,028
429	Carneys Point Sewerage Authority	S340502-08	Lafayette Road Sanitary Sewer	\$ 1,057,203
433	Glen Ridge Borough	S340861-03	Sewer Cleaning Truck	\$ 445,849
434	Haddon Heights Borough	S340877-02	Sanitary Sewer System Asset Management Plan	\$ 110,000
434	Haddon Heights Borough	S340877-03	Sanitary Sewer Pump Station Rehabilitation	\$ 953,580
434	Haddon Heights Borough	S340877-04	Sanitary Sewer Rehabilitation (CIPP)	\$ 2,052,912
434	Haddon Heights Borough	S340877-05	Sanitary Sewer Main Replacement	\$ 4,974,434
435	Emerson Borough	S340497-01	Small System Asset Management Plan	\$ 100,000
435	Emerson Borough	S340497-02	Cindy Lane Pump Station Improvement	\$ 450,000
445	Rochelle Park Township	S340310-02	Sewer Pumping Station	\$ 1,500,000
452	Mount Arlington Borough	S340451-05	Wastewater System Asset Management Plan	\$ 212,785
453	Highlands Borough	S340901-05	Coastal Community Water Quality Restoration	\$ 5,500,000
457	Buena Borough Municipal Utilities Authority	S340518-06	Upgrades to Sanitary Municipal Authority	\$ 1,500,000
461	Medford Lakes Borough	S340319-03	Collection System Lining Improvements	\$ 11,000,000
463	Mendham Borough	S340159-03	Collection System Improvements	\$ 3,200,000
469	Hamburg Borough	S340149-03	Sanitary Sewer System Asset Management Plan	\$ 100,000
469	Hamburg Borough	S340149-04	Sewer Pump Station Improvement Project	\$ 400,000
470	Long Beach Township	S340023-07	Sewer Main Replacement	\$ 4,600,000
470	Long Beach Township	S340023-08	Asset Management	\$ 120,000
470	Long Beach Township	S340023-09	North Beach Sewer Main Replacement	\$ 6,500,000
479	Borough of Wenonah	S340531-01	Sanitary Sewer Collection System Asset Management and System Improvements	\$ 1,330,000
481	Clinton Township Sewerage Authority	S340873-04	North Hunterdon Regional HS Pump Station Rehabilitation/Upgrade	\$ 1,000,000
488	Seaside Park Borough	S340083-04	Phase III A Sanitary Sewer Replacement	\$ 4,000,000
490	Ship Bottom Borough	S340311-05	Sewer Main Replacement Project	\$ 5,000,000

Key	
Red Text SAIL Program (Disaster Relief Projects)	Green Text Cost Update and/or New Project

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
493	Bay Head Borough	S340590-03	Sewer collection system upgrade	\$ 3,500,000
495	Fieldsboro Borough	S340522-01	Sewer @ Stormwater Asset Management Plan	\$ 150,000
496	Willingboro Municipal Utilities Authority	S340132-10	Energy Savings Improvement Program	\$ 18,200,000
497	Passaic Valley Sewerage Commission	S340689-45	Sludge Storage Improvements	\$ 10,210,102
497	Passaic Valley Sewerage Commission	S340689-46	Decant Facility Improvements	\$ 69,000,000
498	Passaic Valley Sewerage Commission	S340689-54	5th Thickening Centrifuge Project	\$ 22,600,000
499	Passaic Valley Sewerage Commission	S340689-59	Evaluation and Improvements to the Oxidized Sludge & Vapor Piping	\$ 16,600,000
501	Gloucester County Utilities Authority	S340902-17	Sludge Drying System	\$ 10,000,000
505	Atlantic City	S340439-05	Stormwater Improvements	\$ 1,100,000
507	Millville City	S340921-08	Millville WWTP Solids Dewatering Upgrades	\$ 7,000,000
509	Hammonton Town	S340927-10	Waste Water Treatment Plant Sludge Drying Replacement (Centrifuge)	\$ 1,000,000
510	Berkeley Heights Township	S340385-07	Anaerobic Digester Flare Replacement Project	\$ 450,000
511	Camden County MUA	S340640-35	Delaware #1 Water Pollution Control Facility Upgrades and Rehabilitation	\$ 3,500,000
515	Ocean County Utilities Authority	S340372-65	Thickened Sludge Storage and Blend Tank Rehabilitation	\$ 4,200,000
522	Western Monmouth Utilities Authority	S340128-09	Digester Facility Complex Upgrade Project	\$ 21,000,000
527	Milltown Borough	S340102-05	Flood Mitigation Borough of Milltown Municipal Complex Relocation	\$ 13,726,000
530	Manasquan Borough	S340450-02	Stockton Lake Bulkhead and Stormwater Management	\$ 4,505,800
538	Woodbine Borough	S340370-02	Sanitary Sewer System Phase 1	\$ 6,542,000
555	Montville Township	S340931-04	Old Lane Sewer Project	\$ 3,500,000
601	Elizabeth City	S340942-21	Lincoln Avenue Drainage Improvements Project	\$ 3,000,000
602	Hackensack City	S340923-15	Stormwater Infrastructure Improvements 2020	\$ 1,600,000
603	Woolwich Township	S340432-01	New Collection System & Treatment	\$ 17,400,000
605	Camden County Municipal Utilities Authority	S340640-26	Newton Creek Dredging and Erosion Control	\$ 28,200,000
612	Hopewell Township	S340282-04	Hiohela Pond Dredging Project	\$ 650,000
620	Flemington Borough	S340440-05	Hopewell Ave Sanitary Sewer Extension	\$ 700,000
623	Greenwich Township	S340359-02	Installation of a collector sewer near of the Village of Stewartsville	\$ 2,200,000
638	Marlboro Township	S340268-02	Harbor Rd. Wastewater Pump Station	\$ 964,250
650	Lower Township MUA	S340810-05	Collection System Expansion	\$ 30,000,000
659	Mantua Township MUA	S340514-02	Barnsboro Sewer Extension	\$ 2,250,000
666	Runnemede Borough	S340363-07	Sanitary Sewer Extension and Pump Station	\$ 3,500,000
668	Newton Town	S340449-04	Memory Park Drainage Improvements	\$ 538,000
675	North Wildwood City	S340663-09	Storm Water Pump Station	\$ 17,892,442
679	Cumberland County	S340438-03	Downe Township Fortescue Package Plant	\$ 17,000,000
679	Cumberland County	S340438-01	Downe Wastewater Infrastructure	\$ 16,000,000
683	Little Egg Harbor Township	S340579-04	Mystic Island Drainage Improvements - Phase 2	\$ 2,040,000
692	Tuckerton Borough	S340034-04	Dredging of Tuckerton Waterways (Clean Water)	\$ 7,750,000
693	West Wildwood Borough	S340626-05	Storm Sewer Improvements to Avenues P, Q, R, S & Mueller Avenue	\$ 1,890,000

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696	Ridgefield Park Village	S340688-05	Village of Ridgefield Park Skymark Project	\$ 30,211,486
698	Dunellen Borough	S340916-03	Flood Mitigation Project	\$ 2,599,998
701	Camden County Municipal Utilities Authority	S340640-31	Newton Lake Bank Stabilization	\$ 4,700,000
712	Gloucester Township	S340364-11	Flood Mitigation (SANDY)	\$ 950,000
712	Gloucester Township	S340364-15	Gloucester Township Stormwater Improvements	\$ 1,450,000
712	Gloucester Township	S340364-16	Gloucester Township Stormwater Improvements 2018	\$ 600,000
713	Gloucester Township	S340364-17	Gloucester Township Stormwater Projects 2019	\$ 1,290,198
713	Gloucester Township	S340364-18	Gloucester Township Stormwater Improvements	\$ 1,500,000
714	Plainfield Municipal Utilities Authority	S340240-06	Transfer Station Improvement	\$ 11,675,000
716	Evesham Municipal Utilities Authority	S340838-06	Elmwood WWTP Storage Building	\$ 2,500,000
736	Berkeley Heights Township	S340385-06	West Side Drainage Project	\$ 25,500,000
747	Brigantine City	S340827-05	Flood Control and Pump Station Improvements (SANDY)	\$ 4,600,000
747	Brigantine City	S340827-06	Municipal System Improvements	\$ 1,001,066
751	Northfield City	S340508-02	Vactor Truck Purchase	\$ 150,000
754	Spotswood Borough	S340510-01	Roadway, Stormwater Management and Sanitary Sewer System Improvements	\$ 5,427,000
792	North Hudson Sewer Authority	S340952-36	Equipment Purchases	\$ 900,000
801	Clinton Town	S340924-07	Town of Clinton System-Wide Customer Meter Replacement	\$ 800,000
814	Atlantic County Utilities Authority	S342001-03	MSE Berm Construction	\$ 36,042,396
818	Sussex County Municipal Utilities Authority	S342008-04	SCMUA Leachate Pump Station/Force Main Construction	\$ 11,000,000
877	Kearny Town	S340259-12	Redev of recreational complex as a modern artificial turf complex	\$ 21,500,000
878	Jersey City Municipal Utilities Authority	S340928-45	Bayfront Clean Water Sewer	\$ 4,520,000
879	Jersey City Municipal Utilities Authority	S340928-32	Remote Meter Reading (AMI) (FKA DW)	\$ 12,300,000
880	Hudson County Improvement Authority	S340094-02	Koppers Peninsula Infrastructure, Hudson County	\$ 51,000,000
883	Trenton City	S340416-14	Meter Replacement and AMI Project	\$ 24,000,000
885	Camden City	S340366-16	New Auto Meter Reading Equip for entire City (FKA DW)	\$ 6,100,000
886	East Orange City	S340843-02	Water System Improvement and Resiliency Project 2017 (FKA DW)	\$ 6,840,000
889	Atlantic City Municipal Utilities Authority	S340439-04	Water Meter and MTU Replacement	\$ 3,066,667
890	Asbury Park City	S340883-08	Sewer Plant	\$ 63,000,000
893	Hardyston Municipal Utility Authority	S340532-01	Water Meter Replacement	\$ 486,000
894	East Orange City	S340843-03	The Crossings at Brick Church	\$ 17,100,000
904	Cumberland County Improvement Authority	S342015-04	Side Slope Restoration and Storm Water Management	\$ 5,919,704

Key	
Red Text SAIL Program (Disaster Relief Projects)	Green Text Cost Update and/or New Project

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
907	Sussex County Municipal Utilities Authority	S342008-06	Landfill Life Stage 2 Expansion/Infrastructure Relocation Project	\$ 43,000,000
908	Pollution Control Financing Authority of Warren County	S342026-01	Pollution Control Financing Authority Cell 7 Project	\$ 24,000,000
915	Burlington City	S340140-02	Meter Replacement (FKA DW Meter replacement & Filter rehabilitation)	\$ 2,600,000
916	Salem City	S340235-03	Salem City Water Meter (FKA DW)	\$ 1,900,000
918	Willingboro Municipal Utilities Authority	S340132-11	Water Meter Infrastructure Project	\$ 10,000,000
919	Milltown Borough	S340102-01	Milltown Ford Ave Redevelopment	\$ 21,000,000
919	Milltown Borough	S340102-04	Ford Avenue Redevelopment	\$ 5,500,000
922	Bloomfield Township	S340516-01	Water Meter Replacement (FKA DW)	\$ 7,230,970
924	Orange City	S340859-04	Water Meter Replacement	\$ 5,100,000
926	South Orange Village	S340103-02	Advanced Metering Infrastructure (AMI) Implementation	\$ 2,670,000
927	Brick Township Municipal Utilities Authority	S340448-14	Meter Replacement - Phase II	\$ 2,000,000
934	Monroe Municipal Utilities Authority	S340423-08	Meter Installation Program	\$ 1,800,000
936	University Hospital	S340500-03	University Hospital Co Generation Plant	\$ 7,800,000
939	West Deptford Township	S340947-06	Water Meter Replacement Project (FKA DW)	\$ 4,720,000
941	Highland Park Borough	S340938-03	Replacement of customer-owned large diameter water meters	\$ 2,400,000
944	Bordentown City	S340219-04	Water Meter Replacement Program (FKA DW)	\$ 3,000,000
946	Ship Bottom Borough	S340311-04	Residential Water Meter Project	\$ 2,750,000
Base and Sandy Amended SFY2022 Clean Water Projects #:		405	Subtotal:	\$ 4,375,719,944
Total Clean Water Projects #:		418	Total Clean Water Projects:	\$ 4,472,894,944

Pinelands Clean Water Projects				
	Project Sponsor	Project Number	Project Description	Estimated Project Cost
PL-1	Pemberton	Pinelands	BCI Water System Improvement	\$ 2,929,000
PL-2	Manchester Twp./Jackson MUA	Pinelands	Water & Sewer	\$ 7,192,035
PL-4	Galloway	Pinelands	Pinehurst Sewer Extension	\$ 3,493,440
PL-5	Winslow	Pinelands	Water & Sewer	\$ 1,728,940
Total Pinelands Projects #:		4	Subtotal:	\$ 15,343,415
Total Clean Water and Pinelands Projects #:		422	Total Clean Water and Pinelands Projects:	\$ 4,488,238,359

Key	
Red Text	SAIL Program (Disaster Relief Projects)
Green Text	Cost Update and/or New Project

APPENDIX B - Drinking Water

Combined Base SFY2023 Interim Drinking Water / Superstorm Sandy Environmental Financing Program Project Priority List

Alphabetical Order

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
RESIDUAL LOANS					
National Park Borough	0812001-004R	N/A	3	Replacement of Wells 5 & 6	\$ 1,000,000
Newark City	0714001-016R	N/A	28,29	Pequannock Water Treatment Plant Rehab	\$ 3,000,000
North Jersey District WSC	1613001-025R	N/A	39	Purchase and Install New Dewatering System	\$ 25,500,000
Residual Loans #:	3			Subtotal:	\$ 29,500,000

BASE & SUPERSTORM SANDY LOANS					
Allentown Borough	1302001-002	414	12	Elevated Water Tank Improvements	\$ 549,100
Allentown Borough	1302001-001	608	12	Asset Management Plan	\$ 100,000
Allentown Borough	1302001-004	227	12	Water Treatment Plant Improvements	\$ 2,328,960
Allentown Borough	1302001-005	62	12	Lead Service Line replacement	\$ 3,000,000
Atlantic City Municipal Utilities Authority	0102001-007	95	2	Water Main Replacement Program	\$ 1,620,000
Atlantic City Municipal Utilities Authority	0102001-010	313	2	Asset Management Plan - Professional Consulting Services In Compliance With The New Jersey Water Quality Accountability Act	\$ 150,000
Bayonne City	0901001-005	128	31	City of Bayonne Lead Service Line Replacement Project	\$ 22,800,000
Bayonne Municipal Utilities Authority	0901001-006	336	31	Aqueduct Replacement	\$ 12,000,000
Belleville Township	0701001-007	603	29	Township of Belleville Asset Management Plan	\$ 220,000
Belleville Township	0701001-008	31	29	Belleville Lead Service Line Replacement	\$ 3,568,752
Berkeley Township Municipal Utilities Authority	1505004-010	59	9	Berkeley Township MUA Phase VII Water Main Installation	\$ 12,100,000
Berkeley Township Municipal Utilities Authority	1505323-001	117	9	Northern Blvd Water Tower Rehabilitation Project	\$ 2,100,000
Bloomfield Township	0702001-001	319	28	Cleaning and Lining of water mains	\$ 1,700,000
Bloomfield Township	0702001-003	18	28	Lead Service Line Replacement	\$ 1,098,395
Bloomfield Township	0702001-004	25	28	Interconnection Project	\$ 4,000,000
Bloomfield Township	0702001-005	25	28	Lead Service Replacement Phases	\$ 8,000,000
Boonton Town	1401001-003	296	25	Wellfield Treatment Plant Upgrades	\$ 3,100,000
Bordentown City	0303001-001	592	7	Water Meter Replacement Program	\$ 3,000,000

Key	
Green Text Cost Update and/or New Project	Bold Updated information

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Borough of Wenonah	0819001-001	482	5	Water System Asset Management Plan and System Improvements - Water Tank Rehabilitation	\$ 2,000,000
Brick Township Municipal Utilities Authority	1506001-008	234	10,30	Undersized Water Main Replacement Cedar Park East and West	\$ 6,550,000
Brick Township Municipal Utilities Authority	1506001-009	315	10,30	Breton Woods Water Main Replacement - Phase I	\$ 5,928,760
Brick Township Municipal Utilities Authority	1506001-011	53	10,30	Granular Activated Carbon Treatment Addition	\$ 20,890,000
Brick Township Municipal Utilities Authority	1506001-013	335	10,30	Water Main Stream Crossings Replacements at Various locations	\$ 4,188,419
Brick Township Municipal Utilities Authority	1506001-014	113	10,30	Water Main Replacement on Cartagena Drive, Alhama Drive, Cadiz Drive, Valencia Drive and Monterey Drive	\$ 3,600,000
Bridgeton City	0601001-006	80	3	Well 14/15 Rehabilitation	\$ 6,810,000
Brielle Borough	1308001-004	477	30	Brielle Drinking Water Storage Tank Project	\$ 2,460,000
Brielle Borough	1308001-005	512	30	Old Bridge Road Elevated Water Storage Tank	\$ 4,500,000
Brigantine City	0103001-501	473	2	Installation of generators @ well	\$ 2,900,000
Buttonwood Mobile Home Park	0301001-001	39	9	Buttonwood system	\$ 318,000
Camden City	0408001-022	111	5	Install potable wells/flr elevations @ Morris Delair WTP	\$ 1,400,000
Cape May City	0502001-002	73	1	Replacement of Existing Water Plant	\$ 39,204,000
Clementon Borough	0411001-001	130	4	Rehab of Gibbsboro Water Main	\$ 500,000
Clementon Borough	0411001-002	328	4	Rehab of well 9 including slip lining to improve conveyance	\$ 1,400,000
Clinton Town	1005001-014	196	23	Town of Clinton - Galvanized Service Line Replacement - SFY23	\$ 4,050,000
Clinton Town	1005001-015	196	23	Town of Clinton - Galvanized Service Line Replacement - SFY24	\$ 4,050,000
Clinton Town	1005001-016	196	23	Town of Clinton - Galvanized Service Line Replacement - SFY25	\$ 4,050,000
Clinton Town	1005001-017	196	23	Town of Clinton - Galvanized Service Line Replacement - SFY26	\$ 4,050,000
Clinton Town	1005001-018	196	23	Town of Clinton - Galvanized Service Line Replacement - SFY27	\$ 4,050,000
Clinton Town	1005001-006	399	23	Lebanon Borough WM Replacements - Phase II through Phase V	\$ 4,300,000
Clinton Town	1005001-007	594	23	Replace Water Meters	\$ 4,277,804
Clinton Town	1005001-010	196	23	West Main Street Water Main Replacement Project	\$ 2,640,000
Clinton Town	1005001-012	399	23	WQAA Implementation - Water Infrastructure Audit and Upgrades	\$ 3,500,000
Clinton Town	1005001-013	471	23	Foster Wheeler Booster Pump Station Modifications - Asset Management Planning	\$ 3,000,000
Collingswood Borough	0412001-001	167	6	Collingswood Comly Ave Water Plant	\$ 8,034,312

Key	
Green Text Cost Update and/or New Project	Bold Updated Information

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Collingswood Borough	0412001-006	149	6	Collingswood Lead Line Removal	\$ 5,000,000
Deptford Township Municipal Utilities Authority	0802001-002	342	5	Water Main Replacement at East Woodbury	\$ 1,900,000
Deptford Township Municipal Utilities Authority	0802001-003	342	5	Water Main Replacement at Country Club Estates	\$ 1,500,000
Dover Town	1409001-001	120	25	Lead Service Lines	\$ 18,000,000
Dover Town	1409001-003	120	25	Water Main Replacement	\$ 5,080,000
Dover Town	1409001-004	120	25	Valve and Fire Hydrant Replacement	\$ 6,350,000
Eagleswood Village MHP	1508001-001	38	9	Eagleswood Village Water Improvement	\$ 1,035,000
East Greenwich	0803001-004	74	3	Installation of Filtration System at Well #3	\$ 2,600,000
East Orange City	0705001-014	54	34	Water System Improvement and Resiliency Project 2017	\$ 33,000,000
East Windsor Municipal Utilities Authority	1101002-005	390	14	Twin Rivers (H section) Water Main Replacement Project	\$ 2,000,000
Essex Fells Borough	0706001-002	52	27	Temporary PFAS - Runnymede Site - Wells 5 and 1	\$ 1,080,000
Essex Fells Borough	0706001-003	52	27	Permanent PFAS Treatment (Main Facility)	\$ 5,400,000
Essex Fells Borough	0706001-004	52	27	Permanent PFAS Treatment (Additional Facilities)	\$ 2,400,000
Farmingdale Borough	1314001-002	419	30	Painting and repairs to water tower and other misc. system improvements	\$ 907,000
Flemington Borough	1009001-009	329	16	Water Tank Construction and Various Improvements	\$ 4,500,000
Freehold Borough	1315001-002	142	11	Water Plant Development	\$ 6,440,000
Freehold Borough	1315001-003	450	11	Replacement of Well No. 3	\$ 2,152,400
Glassboro Borough	0806001-001	344	3	2.0 mg elevated tower repainting	\$ 3,250,000
Glen Ridge Borough	0708001-009	199	28	GR-Lead Service Lines Replacement (Main to Dwelling) - Phase 1	\$ 2,000,000
Glen Ridge Borough	0708001-008	199	28	Replace Lead Service Line/ Hydrants & Water System AMP	\$ 2,700,000
Hackettstown Municipal Utilities Authority	2108001-001	192	23	Construction of New Water Storage Tank w/ related water distribution lines	\$ 4,600,000
Hackettstown Municipal Utilities Authority	2108001-002	96	23	Lead Service Line Replacement	\$ 1,000,000
Hamburg Borough	1909001-001	606	24	Small System Asset Management	\$ 85,000
Hamburg Borough	1909001-002	151	24	Water Storage Tank Rehabilitation	\$ 1,100,000
Hamilton Township Municipal Utilities Authority	0112001-004	219	2	Well #8 Rehabilitation	\$ 1,400,000
Hamilton Township Municipal Utilities Authority	0112001-005	345	2	Water Main Replacement Phase 2	\$ 4,500,000
Hampton Borough	1013001-002	203	23	Hampton Borough - Galvanized Service Line Replacement	\$ 770,000

Key	
Green Text	Cost Update and/or New Project
Bold	Updated information

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Hampton Borough	1013001-001	533	23	New back up well 5 to address firm capacity requirements	\$ 2,200,000
Hardyston Municipal Utility Authority	1911006-001	549	24	Water Meter Replacement	\$ 477,400
Hardyston Municipal Utility Authority	1911006-003	649	24	Asset Management Plan	\$ 100,000
Harvey Cedars Borough	1509001-002	617	9	Installation of a Water Monitoring Well	\$ 1,100,000
Hawthorne Borough	1604001-002	141	38	Hawthorne Water Utility PFAs Treatment	\$ 5,000,000
High Bridge Borough	1014001-003	201	23	West Main Street Water Main Upgrades	\$ 462,000
High Bridge Borough	1014001-004	60	23	High Bridge Water System: Bunnvale Well and West Main Street Water Main Upgrades	\$ 1,477,872
Highbridge Borough	1014001-001	645	23	Asset Management Plan for the High Bridge Water System	\$ 100,000
Highbridge Borough	1014001-002	548	23	Improvements to water system	\$ 1,076,758
Highland Park Borough	1207001-001	544	18	2018-19 Water System Improvements	\$ 3,320,000
Hightstown Borough	1104001-011	272	14	Hauser, Bennet and Prospect Water Mains	\$ 610,000
Hightstown Borough	1104001-009	155	14	Water Tank Painting & Repairs	\$ 950,000
Hightstown Borough	1104001-010	271	14	Water Main Improvements	\$ 1,775,678
Hoboken City	0905001-002	188	33	Water Main Upgrades	\$ 8,000,000
Hoboken City	0905001-003	337	33	Water Main upgrades Phase II	\$ 9,500,000
Ho-Ho-Kus Borough	0228001-001	479	40	Water Tank Upgrade	\$ 928,000
Ho-Ho-Kus Borough	0228001-002	51	40	Ho-Ho-Kus Water Treatment System	\$ 3,700,000
Hopatcong Borough	1912001-002	33	24	Hopatcong Borough PFAS Removal Improvement Project	\$ 1,020,000
Hopatcong Borough	1912001-001	127	24	Hudson Avenue Water Main Installation	\$ 1,000,000
Hopatcong Borough	1912001-004	605	24	Small System Asset Management	\$ 100,000
Hopatcong Borough	1912001-005	547	24	Hopatcong Borough Water Meter Replacement Project	\$ 778,000
Hopewell Township	1106001-001	359	15	Water System Improvements	\$ 1,285,000
Jefferson Township	1414011-002	639	26	Water System Asset Management Plan	\$ 120,000
Jersey City Municipal Utilities Authority	0906001-006	171	31,33	Transmission Main Install	\$ 19,000,000
Jersey City Municipal Utilities Authority	0906001-009	169	31,33	Burma Road Area Water System Improvements	\$ 5,000,000
Jersey City Municipal Utilities Authority	0906001-012	160	31,33	Water Main Replacement	\$ 18,000,000
Jersey City Municipal Utilities Authority	0906001-015	231	31,33	Van Winkle Ave. Water Main Replacement	\$ 3,589,266
Jersey City Municipal Utilities Authority	0906001-016	159	31,33	Large Valve Replacement Program- Phase 2	\$ 7,321,200
Jersey City Municipal Utilities Authority	0906001-017	77	31,33	Boonton Plant Centrifuge	\$ 1,740,240
Jersey City Municipal Utilities Authority	0906001-018	170	31,33	Tonnele Avenue Water Main Replacement and Relining	\$ 14,000,000

Key	
Green Text Cost Update and/or New Project	Bold Updated Information

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Jersey City Municipal Utilities Authority	0906001-019	99	31,33	Route 139 Water Main Replacement Project	\$ 6,700,000
Jersey City Municipal Utilities Authority	0906001-020	214	31,33	Phase 3 and 4 Water Main Replacement Project	\$ 6,620,000
Jersey City Municipal Utilities Authority	0906001-021	214	31,33	Phase 5 Water Mains	\$ 11,000,000
Jersey City Municipal Utilities Authority	0906001-022	204	31,33	Hackensack River 36" Aqueduct replacement	\$ 30,211,486
Jersey City Municipal Utilities Authority	0906001-023	204	31,33	Phase 5A Water Project	\$ 9,300,000
Jersey City Municipal Utilities Authority	0906001-024	204	31,33	Phase 2A Water	\$ 11,640,000
Jersey City Municipal Utilities Authority	0906001-025	160	31,33	Phase 1 & 2 Water Main Replacement Project	\$ 32,000,000
Jersey City Municipal Utilities Authority	0906001-026	160	31,33	5-B Water Project	\$ 7,320,000
Jersey City Municipal Utilities Authority	0906001-027	86	31,33	Phase 6B Water Main Rehabilitation Project	\$ 8,500,000
Jersey City Municipal Utilities Authority	0906001-028	248	31,33	Dam Security Improvements	\$ 1,700,000
Jersey City Municipal Utilities Authority	0906001-029	87	31,33	Phase 6A Water Rehabilitation	\$ 19,000,000
Jersey City Municipal Utilities Authority	0906001-030	169	31,33	Phase 7a Water Improvements	\$ 29,985,841
Jersey City Municipal Utilities Authority	0906001-032	160	31,33	Van Horne Street Water Improvements	\$ 4,200,000
Jersey City Municipal Utilities Authority	0906001-033	160	31,33	Pine Street Area Water Improvements	\$ 20,000,000
Jersey City Municipal Utilities Authority	0906001-034	118	31,33	Boonton Water Treatment Plant Electric Substation/ Distribution System Improvements	\$ 19,000,000
Lakehurst Borough	1513001-002	355	10	Water Main Replacement Project Phase I	\$ 1,200,000
Lakeshore Company	1413001-001	75	27	Lakeshore Water - New Well Treatment	\$ 500,000
Lakewood Township Municipal Utilities Authority	1514002-001	89	30	LTMUA GAC Building (New Hampshire & Shorrock St)	\$ 10,500,000
Little Egg Harbor Municipal Utilities Authority	1516001-006	391	9	Water Storage Tank Painting and Upgrades	\$ 2,659,837
Little Egg Harbor Municipal Utilities Authority	1516001-007	254	9	Little Egg Harbor Water Improvements Phase II	\$ 2,500,000
Long Beach Township	1517001-015	405	9	Water Main Replacement Project	\$ 4,159,201
Lower Township Municipal Utilities Authority	0505002-004	103	1	Del Haven Water Main Expansion / Wildwood Water Utility Interconnect	\$ 12,000,000
Lower Township Municipal Utilities Authority	0505002-005	126	1	Water Main Extension	\$ 2,100,000
Lower Township Municipal Utilities Authority	0505002-006	268	1	North Cape May Water Main Replacement 1-5	\$ 37,000,000
Manchester Township	1518005-004	176	10	Manchester Township 1.0 mg Elevated Tank	\$ 6,135,130

Key	
Green Text	Cost Update and/or New Project
Bold	Updated information

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Manchester Utilities Authority	1603001-001	16	35,40	Heights Tank Rehabilitation	\$ 500,000
Manchester Utilities Authority	1603001-003	451	35,40	High Service Pump Station Replacement	\$ 2,000,000
Mantua Township MUA	0810004-004	398	5	Centre City Water/Sewer Infrastructure Improvements	\$ 4,750,000
Marlboro Township	1328002-003	462	13	Beacon Hill storage tank Rehab	\$ 1,714,000
Marlboro Township	1328002-004	611	13	New Stand-by Well 5A	\$ 1,385,000
Merchantville Pennsauken Water Commission	0424001-002	28	6	Woodbine PFNA plant	\$ 5,646,000
Merchantville Pennsauken Water Commission	0424001-004	63	6	National Highway PFC plant	\$ 8,700,000
Merchantville Pennsauken Water Commission	0424001-005	145	5,6	Lead Line Removal	\$ 4,500,000
Middlesex Water Company	1225001-025	279	18,19	Western Transmission Main	\$ 57,000,000
Middlesex Water Company	1225001-027	255	19	RENEW 2019 - Carteret	\$ 11,200,000
Middlesex Water Company	1225001-028	184	19	RENEW 2018 - Woodbridge Twp.	\$ 11,200,000
Milltown Borough	1212001-002	326	17	Ford Ave Redevelopment	\$ 1,606,000
Milltown Borough	1212001-005	411	17	Water Storage Tank Rehabilitation	\$ 1,800,000
Monroe Municipal Utilities Authority	0811002-002	218	4	Water Treatment System Rehabilitation	\$ 1,800,000
Monroe Municipal Utilities Authority	0811002-001	338	4	Tank Painting	\$ 5,000,000
Montclair Township	0713001-012	251	34	Montclair Township - PFOAS and Perchlorate Treatment - Rand Well	\$ 2,570,000
Moorestown Township	0322001-001	45	7	North Church Street Water Treatment Plant Upgrade	\$ 24,625,000
Mount Arlington Borough	1426005-001	503	25	Mount Arlington Asset Management Plan	\$ 250,285
Mount Arlington Borough	1426005-002	607	25	Windemere, Altenbrand, North Glen and Park Water Main Extension	\$ 1,202,100
Mount Arlington Borough	1426005-003	158	25	Altenbrand, Windemere, McGregor and Lee Water Main Extension	\$ 2,020,000
National Park Borough	0812001-004	579	3	Replacement of Wells 5 & 6	\$ 1,700,000
National Park Borough	0812001-005	35	3	Addition of PFOS Treatment at Existing Water Plant	\$ 1,800,000
Netcong Borough	1428001-001	556	25	Water System Asset Management Plan	\$ 120,000
New Brunswick City	1214001-005	11	17	Water Treatment Plant Improvements	\$ 35,000,000
Newark City	0714001-008	57	28,29	Cleaning and lining of water mains, upgrading 4 inch mains to 6 & 8 inch mains, replace old fire hydrants	\$ 34,196,000
Newark City	0714001-011	76	28,29	Rehabilitation of the bascule gate at the Charlotteburgh Reservoir with alarm and control systems	\$ 3,140,000
Newark City	0714001-017	56	28,29	Water Distribution System Upgrades	\$ 2,000,000
Newark City	0714001-018	94	28,29	Replacement of Water Distribution Mains	\$ 5,150,000

Key	
Green Text	Cost Update and/or New Project
Bold	Updated Information

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Newark City	0714001-019	6	28,29	Phase-1 Lead Service Line Replacement (LSLR)	\$ 12,500,000
Newark City	0714001-020	4	28,29	Phase-2 Lead Service Line Replacement (LSLR) Project	\$ 17,500,000
Newark City	0714001-021	9	28,29	Phase -3 Lead Service Line Replacement (LSLR) Project	\$ 90,000,000
Newark City	0714001-022	13	28,29	Process and operational upgrades at the Pequannock water treatment plant	\$ 23,000,000
NJ American Water Company	1345001-021	109	6,11	Swimming River WTP 2nd Clearwell	\$ 26,345,000
NJ American Water Company, Incorporated	0323001-005	282	8	Woodlane WTP Improvement Project	\$ 8,100,000
NJ American Water Company, Incorporated	0712001-016	172	28	NJ American Water Lead Service Line Replacement Program PWSID 0712001	\$ 28,000,000
NJ American Water Company, Incorporated	1345001-001	144	9, 10, 11, 12, 13 & 30	Jumping Brook WTP Improvement Project	\$ 62,000,000
NJ American Water Company, Incorporated	1345001-017	19	30	Oak Street Treatment Plant Improvements	\$ 10,100,000
NJ American Water Company, Incorporated	2004002-012	83	20,21 & 22	NJ American Water Lead Service Line Replacement Program PWSID 2004002	\$ 20,000,000
NJ American Water Company, Incorporated	2004002-013	439	12,14,15,16, 17,18,19,20, 21,22,23 & 25	RM WTP Emergency Generator	\$ 16,000,000
NJ American Water Company, Incorporated	2121001-001	125	23	Washington Twp. Main Extension	\$ 6,500,000
North Brunswick Township	1215001-007	402	17	Water Main Replacement	\$ 7,000,000
North Brunswick Township	1215001-008	387	17	Old Georges Road Water Project	\$ 5,000,000
North Jersey Dist. Water Supply Comm.	1613001-026	105	28,29,31,32, 34,36 & 40	Low Lift Gas Pump	\$ 12,900,000
North Jersey Dist. Water Supply Comm.	1613001-031	105	28,29,31,32, 34,36 & 40	Purchase and Install New Dewatering System	\$ 3,800,000
North Jersey Dist. Water Supply Comm.	1613001-032	69	28,29,31,32, 34,36 & 40	Rehabilitation of Treatment Facility	\$ 3,600,000
North Jersey Dist. Water Supply Comm.	1613001-034	229	28,29,31,32, 34,36 & 40	Security, IT and Safety Projects	\$ 1,600,000
Oak Ridge Senior Housing Community	1414008-001	277	40	Water Line Upgrades	\$ 530,300
Oakland Borough	0220001-001	613	39	Construct new well 10A as backup for well 10	\$ 3,133,000
Oakland Borough	0220001-002	593	39	Replace 4600 water meters	\$ 3,133,000
Oakland Borough	0220001-003	525	39	Diesel generator for well 9	\$ 3,133,000
Oakland Borough	0220001-004	469	39	Rehab of Iroquois Pumping Station	\$ 3,133,000
Ocean Gate Borough	1521001-003	580	9	Well Water Construction/ Drilling a new well	\$ 720,000
Old Bridge Municipal Utilities Authority	1209002-005	186	12	Laurence Harbor Water System Upgrade, Phase 1	\$ 2,700,000
Old Bridge Municipal Utilities Authority	1209002-014	43	12	Perrine Road Carbon Absorber Facility	\$ 1,750,000

Key	
Green Text Cost Update and/or New Project	Bold Updated information

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Orange City	0717001-006	334	34	Asset Management plan	\$ 7,200,000
Orange City	0717001-011	12	34	PFAS in Well 8 Drinking Water System	\$ 1,550,000
Orange City	0717001-012	209	34	Interconnection and Distribution Project	\$ 1,440,240
Orange City	0717001-013	12	34	Well 5 Rehabilitation Project	\$ 700,000
Orange City	0717001-014	32	34	Orange Twp Relocation of the existing transmission main under the Glen Avenue Bridge for the stabilization of the pipe	\$ 2,000,000
Orange City	0717001-015	12	34	PFAS in Well 7 Drinking Water System	\$ 1,440,000
Orange City	0717001-016	334	34	Water System Hydraulic Model, GIS, AMP	\$ 936,600
Park Ridge Borough	0247001-001	40	9	Permanent PFAS Treatment	\$ 6,200,000
Passaic Valley Water Commission	0231001-002	114	38	Lead Service Line Replacement in Lodi System	\$ 7,400,000
Passaic Valley Water Commission	0239001-002	200	36	Lead Service Line Replacement in North Arlington System	\$ 10,500,000
Passaic Valley Water Commission	1605002-002	10	26,34,35,38, 39 & 40	Lead Service Line Replacement in Main System	\$ 72,000,000
Passaic Valley Water Commission	1605002-014	3	26,34,35,38, 39 & 40	Phase I - Levine Reservoir Water Storage Improvements	\$ 26,100,000
Passaic Valley Water Commission	1605002-026	10	26,34,35,38, 39 & 40	PVWC Lead Service Line Replacement	\$ 1,978,000
Pemberton Township	0329004-001	348	8	Pinelands Water Infrastructure	\$ 3,000,000
Pennington Borough	1108001-004	646	15	Asset Management Plan for Pennington Water Utility	\$ 360,000
Perth Amboy City	1216001-011	164	19	Upgrades to the Runyon Water Treatment Plant	\$ 83,407,600
Perth Amboy City	1216001-012	317	19	Florida Grove Road Reservoir Improvements	\$ 6,506,062
Perth Amboy City	1216001-005	369	19	The Installation Of A New Standby Generator At The Runyon Water Treatment Plant	\$ 1,100,000
Perth Amboy City	1216001-010	164	19	The Painting of the Backwash Tank and Stand Pipe Project	\$ 1,651,532
Perth Amboy City	1216001-500	369	19	Install New Stand-by Generator for Runyon Water Treat. Plant	\$ 2,750,000
Pequannock Township	1431001-001	291	40	PFOS & PFOA Treatment for Well #1 Dunn Place	\$ 3,500,000
Point Pleasant Borough	1524001-002	288	30	Water Treatment Plant Filter Replacement	\$ 3,050,000
Point Pleasant Borough	1525001-002	198	30	Ocean Avenue Water Main Replacement	\$ 2,800,000
Red Bank Borough	1340001-003	260	11	White Street Water Main	\$ 562,350
Ridgefield Park Village	0238001-002	638	36	Village of Ridgefield Park Skymark Project	\$ 1,752,308
Ridgewood Village	0251001-001	44	38,40	Water Treatment Centralization for PFAS Removal	\$ 80,000,000
Roosevelt Borough	1314001-003	424	12	Improvements to Farm Lane and School Lane	\$ 800,000
Roosevelt Borough	1341001-007	423	12	Homestead, Cedar and Elm Water Mains Project	\$ 1,000,000

Key	
Green Text Cost Update and/or New Project	Bold Updated Information

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Salem City	1712001-004	143	3	Salem City Water Meter	\$ 1,900,000
Sea Girt Borough	1344001-005	648	30	Sea Girt Borough CMMS	\$ 100,000
Seaside Park Borough	1527001-003	368	9	Water Asset Management Plan	\$ 70,200
Seaside Park Borough	1527001-004	104	9	Well #10 Treatment Facility	\$ 1,500,000
Ship Bottom Borough	1528001-003	220	9	Water Treatment Plant Reconstruction	\$ 10,000,000
Ship Bottom Borough	1528001-004	353	9	Water Main Replacement Project	\$ 4,200,000
South Orange Village	0719001-001	599	27	Well 17 Rehabilitation	\$ 250,000
South Orange Village	0719001-004	560	27	Farrell Field (Walton Ave & Audley St.) Interconnection Rehab.	\$ 150,000
South Orange Village	0719001-005	448	27	Crest Drive Standpipe	\$ 3,140,000
South Orange Village	0719001-006	448	27	Repair or Replace Newstead Sphere	\$ 1,950,000
South Orange Village	0719001-007	560	27	Replace Pressure Reducing Valves	\$ 272,000
South Orange Village	0719001-008	258	27	Well 17 Air Stripper	\$ 425,000
South Orange Village	0719001-009	374	27	Scotland Road Water Mains	\$ 4,100,000
South River Borough	1223001-003	574	18	Rehabilitation of Borough Wells	\$ 1,300,000
Spotswood Borough	1224001-001	197	14	Cleaning and lining of approximately 3,600 LF of water mains	\$ 3,443,914
Spotswood Borough	1224001-002	640	14	Water Master Pan	\$ 85,265
Spotswood Borough	1224001-003	297	14	Rehabilitation of the George Street Water Treatment Plant	\$ 2,200,000
Sussex Borough	1921001-007	132	24	Sussex Borough Main Street Water Main Replacement Project	\$ 595,772
Swedesboro Borough	0817001-001	148	3	Lead Service Water Line Abatement	\$ 12,010,390
Trenton City	1111001-012	312	15	Pennington Reservoir Replacement	\$ 107,500,000
Trenton City	1111001-005	23	15	5-year Lead Service Line Replacement & Verification Project	\$ 239,000,000
Trenton City	1111001-011	5	15	Lead Service Line Replacement	\$ 20,340,000
Tuckerton Borough	1532002-007	212	9	Water Main Replacement and Well #3 & #4 Rehabilitation/ Repairs	\$ 1,700,000
Upper Deerfield Township	0613004-002	85	3	Seabrook Water Tower Replacement (Upper Deerfield)	\$ 2,000,000
Ventnor City	0122001-002	124	2	Water Infrastructure project - Galvanized water line replacement	\$ 77,000,000
Verona Township	0720001-001	637	26, 27, 34 & 40	Water Utility Asset Management Plan	\$ 100,000
Vineland City	0614003-016	520	1	Well No. 17 Treatment Facility	\$ 9,000,000
Vineland City	0614003-017	207	1	2016 Water Distribution Rehabilitation Project	\$ 3,100,000
Waldwick Borough	0264001-003	50	40	Water Treatment Systems	\$ 3,550,000
Wallington Borough	0265001-002	350	36	Wallington Avenue Water Main	\$ 2,600,000
Washington Township Municipal Utilities Authority	0818004-002	631	25	WTMUA Complex	\$ 6,500,000
Washington Township Municipal Utilities Authority	1438004-001	476	25	Water Tank Rehabilitation & Well Sm-3 Decommissioning	\$ 2,100,000

Key	
Green Text	Cost Update and/or New Project
Bold	Updated information

Applicant	Project No.	Current Rank	Legislative District	Project Description	Estimated Project Amount
Washington Township Municipal Utilities Authority	1438004-002	643	25	Water System Improvements	\$ 1,050,000
Washington Township Municipal Utilities Authority	1438004-003	298	25	Proposed Well SM-23 and Water Treatment Facility	\$ 3,100,000
West Cape May Borough	0512001-001	246	1	Lead Line Remediation	\$ 1,000,000
West Deptford Township	0820001-004	392	3	Jessup Road Water Storage Tank Repair and Repainting	\$ 3,300,000
Weymouth Township Municipal Utilities Authority	0123001-001	134	1	WTMUA Water Line Replacement	\$ 6,000,000
Wildwood City	0514001-004	119	1	Wildwood Boardwalk water main replacement	\$ 2,494,096
Wildwood City	0514001-005	318	1	Well #39 Redevelopment	\$ 378,000
Wildwood City	0514001-006	100	1	2019 Capital Improvements (Drinking Water)	\$ 6,183,204
Willingboro Municipal Utilities Authority	0338001-005	554	7,8	Energy Savings Improvement Program (DW)	\$ 2,000,000
Willingboro Municipal Utilities Authority	0338001-010	165	7,8	Well 5A PFOS Treatment System Upgrade	\$ 4,700,000
Willingboro Municipal Utilities Authority	0338001-011	165	7,8	Well #6 Water Treatment Plant Upgrade	\$ 10,621,600
Winslow Township	0436007-010	495	4	Well #2 Filter Plant Upgrade	\$ 3,825,000
Woodbine Borough	0516001-001	91	1	WTP Upgrade and water main extension	\$ 5,000,000
Woodland Heights Homeowners Association	1615022-001	437	8	Well Rehabilitation and System Improvements	\$ 560,000
Base Amended SFY2022 Drinking Water Projects #:	254			Subtotal:	\$ 2,269,329,629
Total Drinking Water Projects #:	257			Total Drinking Water Projects:	\$ 2,298,829,629
TOTAL NUMBER OF PROJECTS (CW, DW, SAIL, Supplemental, Residual and Pinelands) #:	679			TOTAL PROJECT COSTS (CW, DW, SAIL, Supplemental, Residual and Pinelands):	\$ 6,787,067,988

Key	
Green Text	Cost Update and/or New Project
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APPENDIX B - Drinking Water

Combined Base SFY2023 Interim Drinking Water / Superstorm Sandy Environmental Financing Program Project Priority List

Rank Order

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
RESIDUAL LOANS				
N/A	National Park Borough	0812001-004R	Replacement of Wells 5 & 6	\$ 1,000,000
N/A	Newark City	0714001-016R	Pequannock Water Treatment Plant Rehab	\$ 3,000,000
N/A	North Jersey District WSC	1613001-025R	Purchase and Install New Dewatering System	\$ 25,500,000
Residual Loans:		3	Subtotal:	\$ 29,500,000

BASE & SUPERSTORM SANDY LOANS				
3	Passaic Valley Water Commission	1605002-014	Phase I - Levine Reservoir Water Storage Improvements	\$ 26,100,000
4	Newark City	0714001-020	Phase-2 Lead Service Line Replacement (LSLR) Project	\$ 17,500,000
5	Trenton City	1111001-011	Lead Service Line Replacement	\$ 20,340,000
6	Newark City	0714001-019	Phase-1 Lead Service Line Replacement (LSLR)	\$ 12,500,000
9	Newark City	0714001-021	Phase -3 Lead Service Line Replacement (LSLR) Project	\$ 90,000,000
10	Passaic Valley Water Commission	1605002-002	Lead Service Line Replacement in Main System	\$ 72,000,000
10	Passaic Valley Water Commission	1605002-026	PVWC Lead Service Line Replacement	\$ 1,978,000
11	New Brunswick City	1214001-005	Water Treatment Plant Improvements	\$ 35,000,000
12	Orange City	0717001-011	PFAS in Well 8 Drinking Water System	\$ 1,550,000
12	Orange City	0717001-013	Well 5 Rehabilitation Project	\$ 700,000
12	Orange City	0717001-015	PFAS in Well 7 Drinking Water System	\$ 1,440,000
13	Newark City	0714001-022	Process and operational upgrades at the Pequannock water treatment plant	\$ 23,000,000
16	Manchester Utilities Authority	1603001-001	Heights Tank Rehabilitation	\$ 500,000
18	Bloomfield Township	0702001-003	Lead Service Line Replacement	\$ 1,098,395
19	NJ American Water Company, Incorporated	1345001-017	Oak Street Treatment Plant Improvements	\$ 10,100,000
23	Trenton City	1111001-005	5-year Lead Service Line Replacement & Verification Project	\$ 239,000,000
25	Bloomfield Township	0702001-004	Interconnection Project	\$ 4,000,000
25	Bloomfield Township	0702001-005	Lead Service Replacement Phases	\$ 8,000,000
28	Merchantville Pennsauken Water Commission	0424001-002	Woodbine PFNA plant	\$ 5,646,000
31	Belleville Township	0701001-008	Belleville Lead Service Line Replacement	\$ 3,568,752
32	Orange City	0717001-014	Orange Twp Relocation of the existing transmission main under the Glen Avenue Bridge for the stabilization of the pipe	\$ 2,000,000

Key	
Green Text	Cost Update and/or New Project
Bold	Updated information

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
33	Hopatcong Borough	1912001-002	Hopatcong Borough PFAS Removal Improvement Project	\$ 1,020,000
35	National Park Borough	0812001-005	Addition of PFOS Treatment at Existing Water Plant	\$ 1,800,000
38	Eagleswood Village MHP	1508001-001	Eagleswood Village Water Improvement	\$ 1,035,000
39	Buttonwood Mobile Home Park	0301001-001	Buttonwood system	\$ 318,000
40	Park Ridge Borough	0247001-001	Permanent PFAS Treatment	\$ 6,200,000
43	Old Bridge Municipal Utilities Authority	1209002-014	Perrine Road Carbon Absorber Facility	\$ 1,750,000
44	Ridgewood Village	0251001-001	Water Treatment Centralization for PFAS Removal	\$ 80,000,000
45	Moorestown Township	0322001-001	North Church Street Water Treatment Plant Upgrade	\$ 24,625,000
50	Waldwick Borough	0264001-003	Water Treatment Systems	\$ 3,550,000
51	Ho-Ho-Kus Borough	0228001-002	Ho-Ho-Kus Water Treatment System	\$ 3,700,000
52	Essex Fells Borough	0706001-002	Temporary PFAS - Runnymede Site - Wells 5 and 1	\$ 1,080,000
52	Essex Fells Borough	0706001-003	Permanent PFAS Treatment (Main Facility)	\$ 5,400,000
52	Essex Fells Borough	0706001-004	Permanent PFAS Treatment (Additional Facilities)	\$ 2,400,000
53	Brick Township Municipal Utilities Authority	1506001-011	Granular Activated Carbon Treatment Addition	\$ 20,890,000
54	East Orange City	0705001-014	Water System Improvement and Resiliency Project 2017	\$ 33,000,000
56	Newark City	0714001-017	Water Distribution System Upgrades	\$ 2,000,000
57	Newark City	0714001-008	Cleaning and lining of water mains, upgrading 4 inch mains to 6 & 8 inch mains, replace old fire hydrants	\$ 34,196,000
59	Berkeley Township Municipal Utilities Authority	1505004-010	Berkeley Township MUA Phase VII Water Main Installation	\$ 12,100,000
60	High Bridge Borough	1014001-004	High Bridge Water System: Bunnvale Well and West Main Street Water Main Upgrades	\$ 1,477,872
62	Allentown Borough	1302001-005	Lead Service Line replacement	\$ 3,000,000
63	Merchantville Pennsauken Water Commission	0424001-004	National Highway PFC plant	\$ 8,700,000
69	North Jersey Dist. Water Supply Comm.	1613001-032	Rehabilitation of Treatment Facility	\$ 3,600,000
73	Cape May City	0502001-002	Replacement of Existing Water Plant	\$ 39,204,000
74	East Greenwich	0803001-004	Installation of Filtration System at Well #3	\$ 2,600,000
75	Lakeshore Company	1413001-001	Lakeshore Water - New Well Treatment	\$ 500,000
76	Newark City	0714001-011	Rehabilitation of the bascule gate at the Charlotteburgh Reservoir with alarm and control systems	\$ 3,140,000
77	Jersey City Municipal Utilities Authority	0906001-017	Boonton Plant Centrifuge	\$ 1,740,240
80	Bridgeton City	0601001-006	Well 14/15 Rehabilitation	\$ 6,810,000
83	NJ American Water Company, Incorporated	2004002-012	NJ American Water Lead Service Line Replacement Program PWSID 2004002	\$ 20,000,000
85	Upper Deerfield Township	0613004-002	Seabrook Water Tower Replacement (Upper Deerfield)	\$ 2,000,000

Key	
Green Text	Cost Update and/or New Project
Bold	Updated information

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
86	Jersey City Municipal Utilities Authority	0906001-027	Phase 6B Water Main Rehabilitation Project	\$ 8,500,000
87	Jersey City Municipal Utilities Authority	0906001-029	Phase 6A Water Rehabilitation	\$ 19,000,000
89	Lakewood Township Municipal Utilities Authority	1514002-001	LTMUA GAC Building (New Hampshire & Shorrock St)	\$ 10,500,000
91	Woodbine Borough	0516001-001	WTP Upgrade and water main extension	\$ 5,000,000
94	Newark City	0714001-018	Replacement of Water Distribution Mains	\$ 5,150,000
95	Atlantic City Municipal Utilities Authority	0102001-007	Water Main Replacement Program	\$ 1,620,000
96	Hackettstown Municipal Utilities Authority	2108001-002	Lead Service Line Replacement	\$ 1,000,000
99	Jersey City Municipal Utilities Authority	0906001-019	Route 139 Water Main Replacement Project	\$ 6,700,000
100	Wildwood City	0514001-006	2019 Capital Improvements (Drinking Water)	\$ 6,183,204
103	Lower Township Municipal Utilities Authority	0505002-004	Del Haven Water Main Expansion / Wildwood Water Utility Interconnect	\$ 12,000,000
104	Seaside Park Borough	1527001-004	Well #10 Treatment Facility	\$ 1,500,000
105	North Jersey Dist. Water Supply Comm.	1613001-026	Low Lift Gas Pump	\$ 12,900,000
105	North Jersey Dist. Water Supply Comm.	1613001-031	Purchase and Install New Dewatering System	\$ 3,800,000
109	NJ American Water Company	1345001-021	Swimming River WTP 2nd Clearwell	\$ 26,345,000
111	Camden City	0408001-022	Install potable wells/flr elevations @ Morris Delair WTP	\$ 1,400,000
113	Brick Township Municipal Utilities Authority	1506001-014	Water Main Replacement on Cartagena Drive, Alhama Drive, Cadiz Drive, Valencia Drive and Monterey Drive	\$ 3,600,000
114	Passaic Valley Water Commission	0231001-002	Lead Service Line Replacement in Lodi System	\$ 7,400,000
117	Berkeley Township Municipal Utilities Authority	1505323-001	Northern Blvd Water Tower Rehabilitation Project	\$ 2,100,000
118	Jersey City Municipal Utilities Authority	0906001-034	Boonton Water Treatment Plant Electric Substation/ Distribution System Improvements	\$ 19,000,000
119	Wildwood City	0514001-004	Wildwood Boardwalk water main replacement	\$ 2,494,096
120	Dover Town	1409001-001	Lead Service Lines	\$ 18,000,000
120	Dover Town	1409001-003	Water Main Replacement	\$ 5,080,000
120	Dover Town	1409001-004	Valve and Fire Hydrant Replacement	\$ 6,350,000
124	Ventnor City	0122001-002	Water Infrastructure project - Galvanized water line replacement	\$ 77,000,000
125	NJ American Water Company, Incorporated	2121001-001	Washington Twp. Main Extension	\$ 6,500,000
126	Lower Township Municipal Utilities Authority	0505002-005	Water Main Extension	\$ 2,100,000
127	Hopatcong Borough	1912001-001	Hudson Avenue Water Main Installation	\$ 1,000,000
128	Bayonne City	0901001-005	City of Bayonne Lead Service Line Replacement Project	\$ 22,800,000
130	Clementon Borough	0411001-001	Rehab of Gibbsboro Water Main	\$ 500,000
132	Sussex Borough	1921001-007	Sussex Borough Main Street Water Main Replacement Project	\$ 595,772

Key	
Green Text Cost Update and/or New Project	Bold Updated information

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
134	Weymouth Township Municipal Utilities Authority	0123001-001	WTMUA Water Line Replacement	\$ 6,000,000
141	Hawthorne Borough	1604001-002	Hawthorne Water Utility PFAs Treatment	\$ 5,000,000
142	Freehold Borough	1315001-002	Water Plant Development	\$ 6,440,000
143	Salem City	1712001-004	Salem City Water Meter	\$ 1,900,000
144	NJ American Water Company, Incorporated	1345001-001	Jumping Brook WTP Improvement Project	\$ 62,000,000
145	Merchantville Pennsauken Water Commission	0424001-005	Lead Line Removal	\$ 4,500,000
148	Swedesboro Borough	0817001-001	Lead Service Water Line Abatement	\$ 12,010,390
149	Collingswood Borough	0412001-006	Collingswood Lead Line Removal	\$ 5,000,000
151	Hamburg Borough	1909001-002	Water Storage Tank Rehabilitation	\$ 1,100,000
155	Hightstown Borough	1104001-009	Water Tank Painting & Repairs	\$ 950,000
158	Mount Arlington Borough	1426005-003	Altenbrand, Windemere, McGregor and Lee Water Main Extension	\$ 2,020,000
159	Jersey City Municipal Utilities Authority	0906001-016	Large Valve Replacement Program- Phase 2	\$ 7,321,200
160	Jersey City Municipal Utilities Authority	0906001-012	Water Main Replacement	\$ 18,000,000
160	Jersey City Municipal Utilities Authority	0906001-025	Phase 1 & 2 Water Main Replacement Project	\$ 32,000,000
160	Jersey City Municipal Utilities Authority	0906001-026	5-B Water Project	\$ 7,320,000
160	Jersey City Municipal Utilities Authority	0906001-032	Van Horne Street Water Improvements	\$ 4,200,000
160	Jersey City Municipal Utilities Authority	0906001-033	Pine Street Area Water Improvements	\$ 20,000,000
164	Perth Amboy City	1216001-011	Upgrades to the Runyon Water Treatment Plant	\$ 83,407,600
164	Perth Amboy City	1216001-010	The Painting of the Backwash Tank and Stand Pipe Project	\$ 1,651,532
165	Willingboro Municipal Utilities Authority	0338001-010	Well 5A PFOS Treatment System Upgrade	\$ 4,700,000
165	Willingboro Municipal Utilities Authority	0338001-011	Well #6 Water Treatment Plant Upgrade	\$ 10,621,600
167	Collingswood Borough	0412001-001	Collingswood Comly Ave Water Plant	\$ 8,034,312
169	Jersey City Municipal Utilities Authority	0906001-009	Burma Road Area Water System Improvements	\$ 5,000,000
169	Jersey City Municipal Utilities Authority	0906001-030	Phase 7a Water Improvements	\$ 29,985,841
170	Jersey City Municipal Utilities Authority	0906001-018	Tonnele Avenue Water Main Replacement and Relining	\$ 14,000,000
171	Jersey City Municipal Utilities Authority	0906001-006	Transmission Main Install	\$ 19,000,000
172	NJ American Water Company, Incorporated	0712001-016	NJ American Water Lead Service Line Replacement Program PWSID 0712001	\$ 28,000,000
176	Manchester Township	1518005-004	Manchester Township 1.0 mg Elevated Tank	\$ 6,135,130
184	Middlesex Water Company	1225001-028	RENEW 2018 - Woodbridge Twp.	\$ 11,200,000
186	Old Bridge Municipal Utilities Authority	1209002-005	Laurence Harbor Water System Upgrade, Phase 1	\$ 2,700,000
188	Hoboken City	0905001-002	Water Main Upgrades	\$ 8,000,000

Key	
Green Text	Cost Update and/or New Project
Bold	Updated information

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
192	Hackettstown Municipal Utilities Authority	2108001-001	Construction of New Water Storage Tank w/ related water distribution lines	\$ 4,600,000
196	Clinton Town	1005001-014	Town of Clinton - Galvanized Service Line Replacement - SFY23	\$ 4,050,000
196	Clinton Town	1005001-015	Town of Clinton - Galvanized Service Line Replacement - SFY24	\$ 4,050,000
196	Clinton Town	1005001-016	Town of Clinton - Galvanized Service Line Replacement - SFY25	\$ 4,050,000
196	Clinton Town	1005001-017	Town of Clinton - Galvanized Service Line Replacement - SFY26	\$ 4,050,000
196	Clinton Town	1005001-018	Town of Clinton - Galvanized Service Line Replacement - SFY27	\$ 4,050,000
196	Clinton Town	1005001-010	West Main Street Water Main Replacement Project	\$ 2,640,000
197	Spotswood Borough	1224001-001	Cleaning and lining of approximately 3,600 LF of water mains	\$ 3,443,914
198	Point Pleasant Borough	1525001-002	Ocean Avenue Water Main Replacement	\$ 2,800,000
199	Glen Ridge Borough	0708001-009	GR-Lead Service Lines Replacement (Main to Dwelling) - Phase 1	\$ 2,000,000
199	Glen Ridge Borough	0708001-008	Replace Lead Service Line/ Hydrants & Water System AMP	\$ 2,700,000
200	Passaic Valley Water Commission	0239001-002	Lead Service Line Replacement in North Arlington System	\$ 10,500,000
201	High Bridge Borough	1014001-003	West Main Street Water Main Upgrades	\$ 462,000
203	Hampton Borough	1013001-002	Hampton Borough - Galvanized Service Line Replacement	\$ 770,000
204	Jersey City Municipal Utilities Authority	0906001-022	Hackensack River 36" Aqueduct replacement	\$ 30,211,486
204	Jersey City Municipal Utilities Authority	0906001-023	Phase 5A Water Project	\$ 9,300,000
204	Jersey City Municipal Utilities Authority	0906001-024	Phase 2A Water	\$ 11,640,000
207	Vineland City	0614003-017	2016 Water Distribution Rehabilitation Project	\$ 3,100,000
209	Orange City	0717001-012	Interconnection and Distribution Project	\$ 1,440,240
212	Tuckerton Borough	1532002-007	Water Main Replacement and Well #3 & #4 Rehabilitation/ Repairs	\$ 1,700,000
214	Jersey City Municipal Utilities Authority	0906001-020	Phase 3 and 4 Water Main Replacement Project	\$ 6,620,000
214	Jersey City Municipal Utilities Authority	0906001-021	Phase 5 Water Mains	\$ 11,000,000
218	Monroe Municipal Utilities Authority	0811002-002	Water Treatment System Rehabilitation	\$ 1,800,000
219	Hamilton Township Municipal Utilities Authority	0112001-004	Well #8 Rehabilitation	\$ 1,400,000
220	Ship Bottom Borough	1528001-003	Water Treatment Plant Reconstruction	\$ 10,000,000
227	Allentown Borough	1302001-004	Water Treatment Plant Improvements	\$ 2,328,960
229	North Jersey Dist. Water Supply Comm.	1613001-034	Security, IT and Safety Projects	\$ 1,600,000
231	Jersey City Municipal Utilities Authority	0906001-015	Van Winkle Ave. Water Main Replacement	\$ 3,589,266
234	Brick Township Municipal Utilities Authority	1506001-008	Undersized Water Main Replacement Cedar Park East and West	\$ 6,550,000

Key	
Green Text	Cost Update and/or New Project
Bold	Updated information

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
246	West Cape May Borough	0512001-001	Lead Line Remediation	\$ 1,000,000
248	Jersey City Municipal Utilities Authority	0906001-028	Dam Security Improvements	\$ 1,700,000
251	Montclair Township	0713001-012	Montclair Township - PFOAS and Perchlorate Treatment - Rand Well	\$ 2,570,000
254	Little Egg Harbor Municipal Utilities Authority	1516001-007	Little Egg Harbor Water Improvements Phase II	\$ 2,500,000
255	Middlesex Water Company	1225001-027	RENEW 2019 - Carteret	\$ 11,200,000
258	South Orange Village	0719001-008	Well 17 Air Stripper	\$ 425,000
260	Red Bank Borough	1340001-003	White Street Water Main	\$ 562,350
268	Lower Township Municipal Utilities Authority	0505002-006	North Cape May Water Main Replacement 1-5	\$ 37,000,000
271	Hightstown Borough	1104001-010	Water Main Improvements	\$ 1,775,678
272	Hightstown Borough	1104001-011	Hauser, Bennet and Prospect Water Mains	\$ 610,000
277	Oak Ridge Senior Housing Community	1414008-001	Water Line Upgrades	\$ 530,300
279	Middlesex Water Company	1225001-025	Western Transmission Main	\$ 57,000,000
282	NJ American Water Company, Incorporated	0323001-005	Woodlane WTP Improvement Project	\$ 8,100,000
288	Point Pleasant Borough	1524001-002	Water Treatment Plant Filter Replacement	\$ 3,050,000
291	Pequannock Township	1431001-001	PFOS & PFOA Treatment for Well #1 Dunn Place	\$ 3,500,000
296	Boonton Town	1401001-003	Wellfield Treatment Plant Upgrades	\$ 3,100,000
297	Spotswood Borough	1224001-003	Rehabilitation of the George Street Water Treatment Plant	\$ 2,200,000
298	Washington Township Municipal Utilities Authority	1438004-003	Proposed Well SM-23 and Water Treatment Facility	\$ 3,100,000
312	Trenton City	1111001-012	Pennington Reservoir Replacement	\$ 107,500,000
313	Atlantic City Municipal Utilities Authority	0102001-010	Asset Management Plan - Professional Consulting Services In Compliance With The New Jersey Water Quality Accountability Act	\$ 150,000
315	Brick Township Municipal Utilities Authority	1506001-009	Breton Woods Water Main Replacement - Phase I	\$ 5,928,760
317	Perth Amboy City	1216001-012	Florida Grove Road Reservoir Improvements	\$ 6,506,062
318	Wildwood City	0514001-005	Well #39 Redevelopment	\$ 378,000
319	Bloomfield Township	0702001-001	Cleaning and Lining of water mains	\$ 1,700,000
326	Milltown Borough	1212001-002	Ford Ave Redevelopment	\$ 1,606,000
328	Clementon Borough	0411001-002	Rehab of well 9 including slip lining to improve conveyance	\$ 1,400,000
329	Flemington Borough	1009001-009	Water Tank Construction and Various Improvements	\$ 4,500,000
334	Orange City	0717001-006	Asset Management plan	\$ 7,200,000
334	Orange City	0717001-016	Water System Hydraulic Model, GIS, AMP	\$ 936,600
335	Brick Township Municipal Utilities Authority	1506001-013	Water Main Stream Crossings Replacements at Various locations	\$ 4,188,419
336	Bayonne Municipal Utilities Authority	0901001-006	Aqueduct Replacement	\$ 12,000,000
337	Hoboken City	0905001-003	Water Main upgrades Phase II	\$ 9,500,000
338	Monroe Municipal Utilities Authority	0811002-001	Tank Painting	\$ 5,000,000
342	Deptford Township Municipal Utilities Authority	0802001-002	Water Main Replacement at East Woodbury	\$ 1,900,000

Key	
Green Text	Cost Update and/or New Project
Bold	Updated information

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
342	Deptford Township Municipal Utilities Authority	0802001-003	Water Main Replacement at Country Club Estates	\$ 1,500,000
344	Glassboro Borough	0806001-001	2.0 mg elevated tower repainting	\$ 3,250,000
345	Hamilton Township Municipal Utilities Authority	0112001-005	Water Main Replacement Phase 2	\$ 4,500,000
348	Pemberton Township	0329004-001	Pinelands Water Infrastructure	\$ 3,000,000
350	Wallington Borough	0265001-002	Wallington Avenue Water Main	\$ 2,600,000
353	Ship Bottom Borough	1528001-004	Water Main Replacement Project	\$ 4,200,000
355	Lakehurst Borough	1513001-002	Water Main Replacement Project Phase I	\$ 1,200,000
359	Hopewell Township	1106001-001	Water System Improvements	\$ 1,285,000
368	Seaside Park Borough	1527001-003	Water Asset Management Plan	\$ 70,200
369	Perth Amboy City	1216001-005	The Installation Of A New Standby Generator At The Runyon Water Treatment Plant	\$ 1,100,000
369	Perth Amboy City	1216001-500	Install New Stand-by Generator for Runyon Water Treat. Plant	\$ 2,750,000
374	South Orange Village	0719001-009	Scotland Road Water Mains	\$ 4,100,000
387	North Brunswick Township	1215001-008	Old Georges Road Water Project	\$ 5,000,000
390	East Windsor Municipal Utilities Authority	1101002-005	Twin Rivers (H section) Water Main Replacement Project	\$ 2,000,000
391	Little Egg Harbor Municipal Utilities Authority	1516001-006	Water Storage Tank Painting and Upgrades	\$ 2,659,837
392	West Deptford Township	0820001-004	Jessup Road Water Storage Tank Repair and Repainting	\$ 3,300,000
398	Mantua Township MUA	0810004-004	Centre City Water/Sewer Infrastructure Improvements	\$ 4,750,000
399	Clinton Town	1005001-006	Lebanon Borough WM Replacements - Phase II through Phase V	\$ 4,300,000
399	Clinton Town	1005001-012	WQAA Implementation - Water Infrastructure Audit and Upgrades	\$ 3,500,000
402	North Brunswick Township	1215001-007	Water Main Replacement	\$ 7,000,000
405	Long Beach Township	1517001-015	Water Main Replacement Project	\$ 4,159,201
411	Milltown Borough	1212001-005	Water Storage Tank Rehabilitation	\$ 1,800,000
414	Allentown Borough	1302001-002	Elevated Water Tank Improvements	\$ 549,100
419	Farmingdale Borough	1314001-002	Painting and repairs to water tower and other misc. system improvements	\$ 907,000
423	Roosevelt Borough	1341001-007	Homestead, Cedar and Elm Water Mains Project	\$ 1,000,000
424	Roosevelt Borough	1314001-003	Improvements to Farm Lane and School Lane	\$ 800,000
437	Woodland Heights Homeowners Association	1615022-001	Well Rehabilitation and System Improvements	\$ 560,000
439	NJ American Water Company, Incorporated	2004002-013	RM WTP Emergency Generator	\$ 16,000,000
448	South Orange Village	0719001-005	Crest Drive Standpipe	\$ 3,140,000
448	South Orange Village	0719001-006	Repair or Replace Newstead Sphere	\$ 1,950,000
450	Freehold Borough	1315001-003	Replacement of Well No. 3	\$ 2,152,400
451	Manchester Utilities Authority	1603001-003	High Service Pump Station Replacement	\$ 2,000,000
462	Marlboro Township	1328002-003	Beacon Hill storage tank Rehab	\$ 1,714,000
469	Oakland Borough	0220001-004	Rehab of Iroquois Pumping Station	\$ 3,133,000
471	Clinton Town	1005001-013	Foster Wheeler Booster Pump Station Modifications - Asset Management Planning	\$ 3,000,000
473	Brigantine City	0103001-501	Installation of generators @ well	\$ 2,900,000
476	Washington Township Municipal Utilities Authority	1438004-001	Water Tank Rehabilitation & Well Sm-3 Decommissioning	\$ 2,100,000

Key

Green Text Cost Update and/or New Project Bold Updated Information

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
477	Brielle Borough	1308001-004	Brielle Drinking Water Storage Tank Project	\$ 2,460,000
479	Ho-Ho-Kus Borough	0228001-001	Water Tank Upgrade	\$ 928,000
482	Borough of Wenonah	0819001-001	Water System Asset Management Plan and System Improvements - Water Tank Rehabilitation	\$ 2,000,000
495	Winslow Township	0436007-010	Well #2 Filter Plant Upgrade	\$ 3,825,000
503	Mount Arlington Borough	1426005-001	Mount Arlington Asset Management Plan	\$ 250,285
512	Brielle Borough	1308001-005	Old Bridge Road Elevated Water Storage Tank	\$ 4,500,000
520	Vineland City	0614003-016	Well No. 17 Treatment Facility	\$ 9,000,000
525	Oakland Borough	0220001-003	Diesel generator for well 9	\$ 3,133,000
533	Hampton Borough	1013001-001	New back up well 5 to address firm capacity requirements	\$ 2,200,000
544	Highland Park Borough	1207001-001	2018-19 Water System Improvements	\$ 3,320,000
547	Hopatcong Borough	1912001-005	Hopatcong Borough Water Meter Replacement Project	\$ 778,000
548	Highbridge Borough	1014001-002	Improvements to water system	\$ 1,076,758
549	Hardyston Municipal Utility Authority	1911006-001	Water Meter Replacement	\$ 477,400
554	Willingboro Municipal Utilities Authority	0338001-005	Energy Savings Improvement Program (DW)	\$ 2,000,000
556	Netcong Borough	1428001-001	Water System Asset Management Plan	\$ 120,000
560	South Orange Village	0719001-004	Farrell Field (Walton Ave & Audley St.) Interconnection Rehab.	\$ 150,000
560	South Orange Village	0719001-007	Replace Pressure Reducing Valves	\$ 272,000
574	South River Borough	1223001-003	Rehabilitation of Borough Wells	\$ 1,300,000
579	National Park Borough	0812001-004	Replacement of Wells 5 & 6	\$ 1,700,000
580	Ocean Gate Borough	1521001-003	Well Water Construction/ Drilling a new well	\$ 720,000
592	Bordentown City	0303001-001	Water Meter Replacement Program	\$ 3,000,000
593	Oakland Borough	0220001-002	Replace 4600 water meters	\$ 3,133,000
594	Clinton Town	1005001-007	Replace Water Meters	\$ 4,277,804
599	South Orange Village	0719001-001	Well 17 Rehabilitation	\$ 250,000
603	Belleville Township	0701001-007	Township of Belleville Asset Management Plan	\$ 220,000
605	Hopatcong Borough	1912001-004	Small System Asset Management	\$ 100,000
606	Hamburg Borough	1909001-001	Small System Asset Management	\$ 85,000
607	Mount Arlington Borough	1426005-002	Windemere, Altenbrand, North Glen and Park Water Main Extension	\$ 1,202,100
608	Allentown Borough	1302001-001	Asset Management Plan	\$ 100,000
611	Marlboro Township	1328002-004	New Stand-by Well 5A	\$ 1,385,000
613	Oakland Borough	0220001-001	Construct new well 10A as backup for well 10	\$ 3,133,000
617	Harvey Cedars Borough	1509001-002	Installation of a Water Monitoring Well	\$ 1,100,000
631	Washington Township Municipal Utilities Authority	0818004-002	WTMUA Complex	\$ 6,500,000
637	Verona Township	0720001-001	Water Utility Asset Management Plan	\$ 100,000
638	Ridgefield Park Village	0238001-002	Village of Ridgefield Park Skymark Project	\$ 1,752,308
639	Jefferson Township	1414011-002	Water System Asset Management Plan	\$ 120,000
640	Spotswood Borough	1224001-002	Water Master Pan	\$ 85,265
643	Washington Township Municipal Utilities Authority	1438004-002	Water System Improvements	\$ 1,050,000
645	Highbridge Borough	1014001-001	Asset Management Plan for the High Bridge Water System	\$ 100,000
646	Pennington Borough	1108001-004	Asset Management Plan for Pennington Water Utility	\$ 360,000

Key

Green Text Cost Update and/or New Project **Bold** Updated information

Current Rank	Applicant	Project No.	Project Description	Estimated Project Amount
648	Sea Girt Borough	1344001-005	Sea Girt Borough CMMS	\$ 100,000
649	Hardyston Municipal Utility Authority	1911006-003	Asset Management Plan	\$ 100,000
Base SFY2022 Drinking Water Projects #:		254	Subtotal:	\$ 2,269,329,629
Total Drinking Water Projects #:		257	Total Drinking Water Projects:	\$ 2,298,829,629
TOTAL NUMBER OF PROJECTS (CW, DW, SAIL, Supplemental, Residual and Pinelands) #:		679	TOTAL PROJECT COSTS (CW, DW, SAIL, Supplemental, Residual and Pinelands):	\$ 6,787,067,988

Key	
Green Text	Cost Update and/or New Project
Bold	Updated Information

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Appendix C
SAIL

Projects financed through the Statewide Assistance Infrastructure Loan Program
(Disaster Relief Emergency Financing Program)

Through December 31, 2021

Project #	Project Sponsor	Description	Loan Closing Date	Loan Note Amount
S340377-03	South Monmouth Regional Sewerage Authority	Replacement and relocation of the Lake Como Pump Station that was damaged during Superstorm Sandy to an area located outside of the flood hazard zone.	2/7/2014	\$ 2,950,391
S340377- 04A	South Monmouth Regional Sewerage Authority	Replacement of the Pitney Avenue Pump Station with a mobile enclosure pumping station that will allow the Authority to relocate the main electrical components to a higher elevation during a forecasted storm event.	9/23/2014	\$ 1,532,224
S340377-05	South Monmouth Regional Sewerage Authority	Replacement of the Belmar Pump Station with a mobile enclosure pumping station that will allow the Authority to relocate the main electrical components to a higher elevation during a forecasted storm event.	10/28/2015	\$ 3,468,842
S340697-05	Bayshore Regional Sewer Authority	Phase I - restoration of damaged components of the Water Pollution Control Plant (WPCP) to pre-storm condition (restoration) and various measures to help abate future flooding impacts/improve resiliency to sea-water inundation of the WPCP (mitigation).	5/13/2015	\$ 28,113,307
S340697-06	Bayshore Regional Sewer Authority	Phase II - removal of key components from Blower Building #1 and replacement of those components into Blower Building #2 which sits at a higher elevation than Blower Building #1, as well as various measures to help abate future flooding impacts/improve resiliency to sea-water inundation to the newly combined Blower Building.	6/23/2016	\$ 15,031,324

Project #	Project Sponsor	Description	Loan Closing Date	Loan Note Amount
S340699-12	Middlesex County Utilities Authority	Restoration of mechanical HVAC and electrical equipment, as well as, building repairs for both the Sayreville Relief Pump Station and the Original Sayreville Pump Station facilities damaged by flood water. The project also involves the construction of a Flood Wall as a mitigation measure to protect the entire site from future flood events	12/8/2016	\$ 87,953,113
S340699-13	Middlesex County Utilities Authority	Restoration and mitigation to the Sayreville Pump Station including the construction of a flood wall around the site perimeter, construction of an auxiliary pumping station, and motor replacements. The Project also involves flood proofing the pump building generator and switchgear building and the tunnel access shaft located at the site.	6/29/2016	\$ 35,208,623
S340259-07	Kearny Municipal Utilities Authority	Repairs to the various facilities due to the damages incurred during Superstorm Sandy, provide mitigation measures to increase the resilience of the pumping stations and replace some of the equipment that are at the end of their	1/7/2016	\$ 6,441,376
S340689-25	Passaic Valley Sewerage Commission	Rehabilitate severe flood damage to the administration building that included, but is not limited to all of its communication and business systems	10/5/2016	\$ 2,387,016
S340689-30	Passaic Valley Sewerage Commission	Provide a stand-by power electrical system to ensure that the sump pumps and dewatering pumps located throughout the utility tunnels, galleries and basements at the PVSC Wastewater Treatment Plant will be capable of continued operation should flooding conditions occur again.	1/23/2018	\$ 478,251
S340689-40	Passaic Valley Sewerage Commission	Plant wide Replacement & Relocation of Electrical Switchgear and MCCs	1/23/2018	\$ 1,832,692*

*Estimated total project cost for S340689-40 is \$112,518,697, amount financed as of 12/31/21 is \$1,832,692

Appendix D

Emergency Loan Program Guidance Document

Introduction

This Appendix provides guidance as to Emergency Loan Program eligibility and application requirements for the Clean Water and Drinking Water Programs. Not addressed herein are the program requirements for the Disaster Relief Emergency Loan Financing Program (a.k.a. the “Statewide Assistance Loan Program” or “SAIL”).

The NJDEP recognizes that environmental infrastructure emergencies may occur that endanger public health and welfare and can result in substantial environmental damage. Such circumstances require an immediate response for which a complete technical and environmental review in advance of construction is not possible. On July 15, 2005, the NJDEP issued a generic Environmental Decision Document (EDD) for environmental emergency response projects and on January 3, 2006, amendments to the program's rules at N.J.A.C. 7:22 were adopted to allow the EIFP to fund certain emergency projects. The generic EDD and the rule changes identify the specific types of projects and conditions that must exist to qualify under the emergency project provisions of the Financing Program.

With the EDD and the rules as guidelines, the NJDEP has developed a process to respond rapidly when emergencies occur, obtain basic project information, make an eligibility determination and issue a preaward approval so that owners/operators can undertake the needed repairs and maintain eligibility for those expenditures through the EIFP. For ranking purposes, projects that qualify as emergency projects will receive funding priority over all other projects on the Project Priority List.

Project Notification Procedure.

The affected system must notify:

Drinking Water Projects:

The Chief of the Bureau of Water System Engineering, Kristin Tedesco, Water Supply Operations Element in the Division of Water Supply, at (609) 292-5550;

Clean Water Projects:

The Assistant Director of the Municipal Finance and Construction Element in the Division of Water Quality, at (609) 633-1170

by close of business on the day of the emergency or by 12:00 PM of the next business day. For example, if an emergency occurs on a Friday morning, the NJDEP must be notified by the end of the Friday business day or if an emergency occurs on a Saturday or Sunday, the NJDEP must be notified by 12:00PM on the following Monday.

The NJDEP will confirm notification of the possible emergency project with a fax describing what information is to be submitted to NJDEP. Within 30 days of the emergency occurrence, the affected system must submit to the DWSRF a comprehensive report including the following: nature/location of the emergency, need for repair and description of the initial efforts to repair the damage, detailed description of the repair needed with costs, list any required permits, and a description of the long-term solution. In addition, a Certification signed by the water superintendent, chief engineer or director must be provided by the water system stating that there was an emergency situation and that the repairs are required.

The NJEIFP will only fund the portion of any repair that is necessary to restore lost service to the affected population and will only fund a specific Emergency Repair Project for a specific entity once. Any long-term solutions, modifications, and/or upgrades to prevent future emergency occurrences must be addressed in future financing cycles as a project and published on the Project Priority List. Specific types of projects and conditions must exist to qualify under the emergency project provisions of the Financing Program. Drinking Water Emergency Repair Projects will be defined as, and limited to, projects that replace, in kind, the failure of an essential portion of a public water system that is expected to disrupt water service to any number of the public water system's customers for a minimum of 24 hours total and/or poses a substantial threat to the public health, safety, and welfare.

Appendix E

New Jersey Environmental Infrastructure Financing Program						
State Fiscal Year 2021 Financing Program Summary						
	Funding Received prior to SFY2021	New Financing in SFY2021				
Borrower	Previously Reported ST Loans (not part of SFY2021 Funding)	New Short Term Loans	New LT Loans and Adjustments to Prior ST Loans	Net new Funding in SFY2021	LT Financing Received in SFY2021	Project Description
Allentown Borough	\$500,000		(\$82,777)	(\$82,777)	\$ 417,223	Project No. S340 567-06. Water Meter Replacement (F/K/A DW)
Allentown Borough		\$130,136	\$0	\$130,136		Project No. 1302001-004. (Nano) Water Treatment Plant Improvements
Bayonne City		\$1,618,539	\$0	\$1,618,539		Project No. S340 399-31. (CSO) Stormwater Mgt Facilities & Francis G Fitzpatrick Park Improvements
Bergen County UA		\$6,927,530	\$0	\$6,927,530		Project No. S340 386-21. Final Settling Tanks Improvements
Bergen County UA		\$9,467,947	\$0	\$9,467,947		Project No.S340 386-23. Sludge Digester Improvements
Berkeley Twp MUA	\$1,799,146		(\$262,803)	(\$262,803)	\$ 1,536,343	Project No. 1505004-009. Installation of Well #4 w/ WM to connect to WTP
Bloomfield Twp		\$437,154	\$0	\$437,154		Project No. 0702001-004. Construct a booster station & interconnection w/ NJDWSC
Bradley Beach Borough	\$1,952,123		(\$27,526)	(\$27,526)	\$ 1,924,597	Project No. S340 472-01. Sewer Main Installation & Repairs - Phase I
Brick Twp MUA		\$4,041,432	\$0	\$4,041,432		Project No. S340 448-13. Sanitary Sewer Main Replacment Cartagena, Albama, Cadiz, Valencia & Monterey Drives
Brick Twp MUA		\$5,380,603	\$0	\$5,380,603		Project No. 1506001-008. Undersized Water Main Replacement-Cedar Park East & West
Brick Twp MUA		\$1,818,601	\$0	\$1,818,601		Project No. 1506001-014. Water Main Replacement Cartagena, Albama, Cadiz, Valencia & Monterey Drives
Brielle Borough		\$3,532,900	\$0	\$3,532,900		Project No. 1308001-005. Old Bridge Rd Elevated Water Storage Tank
Brielle Borough		\$1,677,600	\$0	\$1,677,600		Project No. 1308001-004. (Nano) Rehabilitation of ground storage tank at the Union Lane Water Plant
Buena Borough MUA	\$98,980		\$1,151,020	\$1,151,020		Project No. S340 518-06. Upgrades to Sanitary Sewer Pump Stations 1,2 & 3
Burlington City		\$1,990,596	\$0	\$1,990,596		Project No. S340 140-02. Meter Replacment (F/K/A Meter Replacement & filter Rehabilitation)
Burlington City	\$1,012,911		(\$93,890)	(\$93,890)	\$ 919,021	Project No. 0305001-002 (Nano) Rehabilitaton of dual media filters

	Funding Received prior to SFY2021	New Financing in SFY2021				
Borrower	Previously Reported ST Loans (not part of SFY2021 Funding)	New Short Term Loans	New LT Loans and Adjustments to Prior ST Loans	Net new Funding in SFY2021	LT Financing Received in SFY2021	Project Description
Camden City		\$5,177,115	\$0	\$5,177,115		Project No. S340 366-15. (CSO) Rehabilitation of Combined Sewer Regulator Chambers
Camden County MUA	\$7,260,546		\$668,184	\$668,184	\$ 7,928,730	Project No. S340 640-16. (CSO) Wastewater Treatment Plant Improvements
Camden County MUA	\$2,641,264		(\$1,047,695)	(\$1,047,695)	\$ 1,593,569	Project No. S340 640-17. (CSO) Construct Green & Grey projects & upgrades to reduce combined sewage flooding & overflows
Camden County MUA	\$71,993,594		(\$1,153,953)	(\$1,153,953)	\$ 70,839,641	Project No. S340 640-18. Phase I upgrades, improve/sustain optional wastewater performance
Camden County MUA		\$1,679,070	\$0	\$1,679,070		Project No. S340 640-20. (CSO - green) Reduce potential of combined sewer flooding & sewer overflows
Camden County MUA	\$2,005,428		(\$35,820)	(\$35,820)	\$ 1,969,608	Project No. S340 640-22. Upgrade to Camden City's Combined Sewer Overflow System
Camden County MUA	\$4,200,000		\$931,589	\$931,589	\$ 5,131,589	Project No. S340 640-23. (CSO) Dredging of Camden City's CSO to reduce Combined Sewer Flooding
Camden County MUA	\$3,785,476		(\$94,380)	(\$94,380)	\$ 3,691,096	Project No. S340 640-24. Upgrade to Camden City Wastewater Treatment Plant to increase Wet Weather Capacity
Camden County MUA		\$23,711,831	\$0	\$23,711,831		Project No. S340 640-26. Newton Creek Dredging & Erosion Control
Camden County MUA		\$2,933,555	\$0	\$2,933,555		Project No. S340 640-28. Emergency Rehabilitation/Replacement of the CCMUA Berlin Twp Force Main
Camden County MUA		\$1,249,973	\$0	\$1,249,973		Project No. S345 040-01. (LTCP) Camden & Gloucester City Long Term CSO Control Plan
Carteret Borough		\$4,800,000	\$0	\$4,800,000		Project No. S340 939-10. Roosevelt & Bergen Pump Station Upgrades
Clinton Town		\$3,889,400	\$0	\$3,889,400		Project No. S340 924-08. WWTP Filter & Residuals Bldg Improvement
Clinton Town		\$1,792,706	\$0	\$1,792,706		Project No. 1005001-012. WQAA Implementation-Water Infrastructure Audit & Upgrades
Clinton Town		\$2,009,217	\$0	\$2,009,217		Project No. 1005001-013. Foster Wheel Booster Pump Station Modifications- Asset Mgt Planning

	Funding Received prior to SFY2021	New Financing in SFY2021				
Borrower	Previously Reported ST Loans (not part of SFY2021 Funding)	New Short Term Loans	New LT Loans and Adjustments to Prior ST Loans	Net new Funding in SFY2021	LT Financing Received in SFY2021	Project Description
Clinton Town	\$966,537		(\$296,145)	(\$296,145)	\$ 670,392	Project No. 1005001-011. Water Main Replacement Design Phase; Replacement of DIP potable water mains & connections
Delran Twp		\$1,538,856	\$0	\$1,538,856		Project No. S340 794-10. Clay Street Pump Station
East Orange City		\$106,649	\$0	\$106,649		Project No. S340 686-08a (JMEUC). Flood Mitigation Facilities Project
East Orange City	\$14,550,355		\$2,500,347	\$2,500,347		Project No. 0705001-014. Water system improvements including water main and service connection replacements
Elizabeth City		\$1,276,572	\$0	\$1,276,572		Project No. S340 686-08b (JMEUC). Flood Mitigation Facilities Project
Evesham MUA		\$1,315,162	(\$103,752)	\$1,211,410	\$ 1,211,410	Project No. S340 838-07. 2018 Sewer System Improvements
Evesham MUA	\$1,915,662		(\$130,827)	(\$130,827)	\$ 1,784,835	Project No. 0313001-001. Well 13 Treatment Improvements
Farmingdale Borough		\$522,893	\$0	\$522,893		Project No. 1314001-002. (Nano) Painting & repairs to water tower & other misc system improvements
Franklin Twp SA		\$4,044,510	\$0	\$4,044,510		Project No. S340 839-08. Hamilton St Pumping Station
Glen Ridge Borough	\$1,856,145		\$37,920	\$37,920	\$ 1,894,065	Project No. S340 861-04. GR-2017 Sanitary Sewer Rehab & Sanitary Sewer Collection System Asset Mgt Plan
Gloucester County IA		\$8,631,806	(\$688,635)	\$7,943,171	\$ 7,943,171	Project No. S342 016-04. Cell 15 Construction
Gloucester County UA		\$5,489,218	\$0	\$5,489,218		Project No. S340 902-15. Combined Heat & Power Cogeneration system for the anaerobic digesters
Gloucester Twp		\$701,564	\$0	\$701,564		Project No. S340 364-11. Redwood Street Culvert Replacement
Hackensack City		\$7,078,312	\$0	\$7,078,312		Project No. S340 923-13. (CSO) Long Term Control Plan & CSO Sewer Separation Effors (Phase 3)
Haddon Heights Borough		\$100,000	\$0	\$100,000		Project No. S340 877-02. (SS - AMP) Sanitary Sewer System Asset Mgt Plan
Hamburg Borough		\$561,016	\$0	\$561,016		Project No. 1909001-002. (Nano) Water Storage Tank Rehabilitation
Hightstown Borough		\$30,906	\$0	\$30,906		Project No. 1104001-009. (Nano) Water Tank Painting & Repairs
Hightstown Borough		\$1,433,796	\$0	\$1,433,796		Project No. 1104001-010. (Nano) 2017 Water Main Improvements
Hillside Twp		\$163,346	\$0	\$163,346		Project No. S340 686-08c (JMEUC). Flood Mitigation Facilities Project

	Funding Received prior to SFY2021	New Financing in SFY2021				
Borrower	Previously Reported ST Loans (not part of SFY2021 Funding)	New Short Term Loans	New LT Loans and Adjustments to Prior ST Loans	Net new Funding in SFY2021	LT Financing Received in SFY2021	Project Description
Hoboken City	\$4,335,696		(\$66,120)	(\$66,120)	\$ 4,269,576	Project No. S340 635-07. (CSO) Resilient Green Infrastructure for CSO Reduction
Hoboken City	\$7,200,000		\$234,612	\$234,612	\$ 7,434,612	Project No. 0905001-001. Washington St Water Main/Green Infrastructure Drainage Improv.
Hopatcong Borough		\$514,073	\$0	\$514,073		Project No. S340 488-08. (WQRCW) Hudson Avenue Sanitary Sewer Installation
Hopewell Twp		\$122,571	\$0	\$122,571		Project No. S340 282-03. (SS - AMP) Sanitary Sewer System Asset Mgt Plan - Sewer Rehabilitation Projects
Irvington Twp		\$433,058	\$0	\$433,058		Project No. S340 686-08d (JMEUC). Flood Mitigation Facilities Project
Jackson Twp MUA	\$6,312,365		(\$1,033,832)	(\$1,033,832)	\$ 5,278,533	Project No. 1511001-012. Western Water Main Extension
Jackson Twp MUA	\$15,603,769		(\$1,723,057)	(\$1,723,057)	\$ 13,880,712	Project No. 1511001-013. Six Flags Great Adventure Water Treatment Plant Replacement
Jersey City MUA	\$33,128,166		\$2,339,387	\$2,339,387	\$ 35,467,553	Project No. S340 928-15. (CSO) Phase 3 & 4 Sewer Improvements
Jersey City MUA	\$1,488,384		(\$210,421)	(\$210,421)	\$ 1,277,963	Project No. S340 928-20. Outfall Chambers
Jersey City MUA	\$81,500,000		\$26,500,000	\$26,500,000		Project No. S340 928-24. (CSO) Phase 1/2 Sewer Rehabilitation
Jersey City MUA	\$2,286,447		(\$658,893)	(\$658,893)	\$ 1,627,554	Project No. S340 928-28. Van Winkle Ave. Sanitary Sewer Rehabilitation
Jersey City MUA	\$9,255,147		(\$1,269,503)	(\$1,269,503)	\$ 7,985,644	Project No. S340 928-31. 54" JCMUA/PVSC Force Main Repair
Jersey City MUA		\$9,000,000	\$0	\$9,000,000		Project No. S340 928-33. Pine Street Syphon Replacement
Jersey City MUA		\$1,181,180	(\$156,985)	\$1,024,195	\$ 1,024,195	Project No. S340 928-34. Sanitary Sewer Main Rehabilitation/Lining
Jersey City MUA		\$10,000,000	\$0	\$10,000,000		Project No. 0906001-018. Tonnele Ave Water Main Replacement & Relining
Jersey City MUA		\$5,587,978	\$0	\$5,587,978		Project No. 0906001-020. Phase 3 & 4 Water Main Replacement
Jersey City MUA		\$9,361,874	\$0	\$9,361,874		Project No. 0906001-021. Phase 5 Water Main Replacement
Kearny Town		\$12,123,577	\$0	\$12,123,577		Project No. S340 259-11. (CSO) Construct new stormwater pump station at Dukes St
Lakewood Twp MUA	\$1,440,000		\$276,056	\$276,056	\$ 1,716,056	Project No. S340 465-03. Administration Building Addition (F/K/A DW)
Lakewood Twp MUA	\$4,063,763		(\$752,105)	(\$752,105)	\$ 3,311,658	Project No. S340 465-02. Gravity Sewer Line Installation

	Funding Received prior to SFY2021	New Financing in SFY2021				
Borrower	Previously Reported ST Loans (not part of SFY2021 Funding)	New Short Term Loans	New LT Loans and Adjustments to Prior ST Loans	Net new Funding in SFY2021	LT Financing Received in SFY2021	Project Description
Lambertville MUA	\$755,810		\$674,042	\$674,042		Project No. S340 882-09. WWTP Rehab work including roof replacement, purchase of replacement clarifier mechanisms, rehabilitation of chemical building, repavement of plant area and access road, and drain line repair
Linden Roselle SA		\$1,434,246	(\$84,223)	\$1,350,023	\$ 1,350,023	Project No.S340 299-09. Phase V Building Improvements
Little Egg Harbor MUA	\$1,797,091		(\$573,350)	(\$573,350)	\$ 1,223,741	Project No. S340 579-03. Little Egg Harbor Sewer Main Replacement
Little Egg Harbor MUA	\$1,095,374		(\$245,371)	(\$245,371)	\$ 850,003	Project No. 1516001-005. Installation of PVC water distribution main, 9 fire hydrants, and 165 water service connections
Little Egg Harbor Twp MUA	\$4,750,000		(\$314,788)	(\$314,788)	\$ 4,435,212	Project No. 1516001-003. Construction of a new WTP to improve capacity of wells & for resiliency of system
Logan Twp MUA		\$9,948,000	\$0	\$9,948,000		Project No. S340 123-02. Facility Improvements & Effluent Force Main Replacement
Long Beach Twp		\$4,023,807	\$0	\$4,023,807		Project No. S340 023-07. Sewer Main Replacement
Long Branch SA	\$308,939		\$2,343,238	\$2,343,238		Project No. S340 336-09. 2018 Capital Improvement Project: Collection System, Inflow/Infiltration, Study & Rehab project, flow metering, sewer cleaning
Lower Twp MUA		\$17,100,000	\$0	\$17,100,000		Project No. S340 810-05. Collection System Expansion
Lower Twp MUA		\$345,925	\$0	\$345,925		Project No. 0505002-004. Del Haven Water Main Expansion/Wildwood Water Utility Interconnect
Manchester Twp	\$2,614,425		(\$222,516)	(\$222,516)	\$ 2,391,909	Project No. S340 650-08. Install automated water meters (F/K/A DW)
Manchester Twp	\$1,399,860		(\$430,451)	(\$430,451)	\$ 969,409	Project No. 1518005-002. Repaint & Repair one MG elevated storage facility
Mantua Twp MUA		\$2,025,402	\$0	\$2,025,402		Project No. S340 514-02. Barnsboro Sewer Extension
Maplewood Twp		\$166,484	\$0	\$166,484		Project No. S340 686-08e (JMEUC). Flood Mitigation Facilities Project
Marlboro Twp		\$907,853	\$0	\$907,853		Project No. S340 268-02. Construction of a Wastewater Pumping Station at Harbor Rd WTP

	Funding Received prior to SFY2021	New Financing in SFY2021				
Borrower	Previously Reported ST Loans (not part of SFY2021 Funding)	New Short Term Loans	New LT Loans and Adjustments to Prior ST Loans	Net new Funding in SFY2021	LT Financing Received in SFY2021	Project Description
Medford Lakes Borough		\$6,096,325	\$0	\$6,096,325		Project No. S340 319-03. Collection System Lining Improvements
Mendham Borough		\$462,101	\$0	\$462,101		Project No. S340 159-03. Collection System Improvements
Mendham Borough		\$261,893	\$0	\$261,893		Project No. S340 159-04. Wastewater Treatment Plant Improvements as part of Capital Improvement Plan
Middlesex County UA	\$10,118,868		(\$949,130)	(\$949,130)	\$ 9,169,738	Project No. S340 699-14. Main Trunk Sewer Rehab Phase II
Millburn Twp		\$147,124	\$0	\$147,124		Project No. S340 686-08f (JMEUC). Flood Mitigation Facilities Project
Moorestown Twp		\$12,561,168	\$0	\$12,561,168		Project No. 0322001-002. Hartford Rd Water Treatment Plant Upgrades
Mt Laurel Twp MUA	\$3,616,696		\$1,122,531	\$1,122,531		Project No. S340 943-06. Sewer System Improvement (Bundle 1), primary & secondary clarifier rehab, belt filter press control panel replacement, conversion of warehouse to vehicle storage facility
Musconetcong SA	\$420,147		\$5,579,853	\$5,579,853		Project No. S340 384-09. Capital Improvement project: including new influent screening facility, replacement of plant effluent micro-strainers, acquisition of 19 pumps
Newark City		\$252,735	\$0	\$252,735		Project No. S340 686-08g (JMEUC). Flood Mitigation Facilities Project
Newark City	\$12,746,105		\$7,253,895	\$7,253,895		Project No. S340 815-24 (CSO). Structural eval & rehab of 350 miles of small diameter sewers
Newark City	\$1,502,556		\$1,000,000	\$1,000,000		Project No. 0714001-016R. Pequannock Water Treatment Plant Rehab
Newark City		\$40,000,000	\$0	\$40,000,000		Project No. W0714001-021 (LSLR). Phase 3-10 Lead Service Line Replacement
Newark City		\$22,840,021	\$0	\$22,840,021		Project No. W0714001-022. Process & Operational upgrades at the Pequannock WTP
NJ American Water Company		\$8,974,000	\$0	\$8,974,000		Project No. 2004002-012 (LSLR). Lead Line Replacement Program, PWSID 2004002
NJ Water Supply Auth	\$49,548,569		(\$13,864,131)	(\$13,864,131)	\$ 35,684,438	Project No. S340 421-01. D&R Canal Dredging
NJ Water Supply Auth	\$15,224,595		\$59,775,405	\$59,775,405		Project No. S340 421-02. Round Valley Reservoir Structures Refurbishment & Resource Preservation Project

	Funding Received prior to SFY2021	New Financing in SFY2021				
Borrower	Previously Reported ST Loans (not part of SFY2021 Funding)	New Short Term Loans	New LT Loans and Adjustments to Prior ST Loans	Net new Funding in SFY2021	LT Financing Received in SFY2021	Project Description
North Bergen MUA	\$19,892,394		(\$166,954)	(\$166,954)	\$ 19,725,440	Project No. S340 652-14 (PF). Woodcliff Additional Improvements, replace primary clarifier equip, repair leaking sludge storage tank, replace lamella-type secondary clarifer
North Bergen MUA		\$3,734,750	\$0	\$3,734,750		Project No. S340 652-14R (PF). Woodcliff Additional Improvements, replace primary clarifier equip, repair leaking sludge storage tank, replace lamella-type secondary clarifer
North Brunswick Twp	\$5,427,000		(\$217,050)	(\$217,050)	\$ 5,209,950	Project No. S340 888-02. Water Meter Replacment (F/K/A DW)
North Hudson SA		\$23,981,208	\$0	\$23,981,208		Project No. S340 952-33 (CSO). H6/H7 Long Term Control Plan Project
North Hudson SA		\$800,000	\$0	\$800,000		Project No. S340 952-34. Hamilton Ave Sewer Rehabilitation
North Hudson SA		\$737,060	\$0	\$737,060		Project No. S340 952-36. Purchase of new CCTV truck & Combination sewer system cleaner truck that has capability of vacuuming & flushing underground sewer
North Jersey District WSC		\$23,761,252	\$0	\$23,761,252		Project No. 1613001-025R. Recycle Clear Phase to the Head of the Treatment Plant
Northwest Bergen County UA	\$1,090,836		\$109,164	\$109,164		Project No. S340 700-18. Interceptor System Rehab & Purchase of automated & portable manhole scanner & operating system
Northwest Bergen County UA	\$101,000		\$821,739	\$821,739		Project No. S340 700-19. Interceptor System Rehabilitation
Ocean County UA	\$6,813,604		(\$1,155,790)	(\$1,155,790)	\$ 5,657,814	Project No. S340 372-59. AW1611 Area Wide Clarifier Rehabilitation
Ocean County UA	\$668,003		(\$116,023)	(\$116,023)	\$ 551,980	Project No. S340 372-60. SD1821 SI-4 Interceptor Rehab MH 12-2 to MH 10-6
Ocean County UA		\$3,562,913	\$0	\$3,562,913		Project No. S340 372-61. ND1702 NWPCF Influent Screw Pump Improvements
Ocean County UA		\$2,184,069	\$0	\$2,184,069		Project No. S340 372-62. ND1712 NWPCF Clarifier Rehabilitation FC-1 and FC-8
Ocean Twp SA	\$3,500,000		\$81,928	\$81,928	\$ 3,581,928	Project No. S340 750-12. Interlaken Pump Station Reconstruction
Old Bridge MUA	\$3,290,000		(\$195,358)	(\$195,358)	\$ 3,094,642	Project No. S340 945-14. 2015 Sewage Pump Station Upgrades

	Funding Received prior to SFY2021	New Financing in SFY2021				
Borrower	Previously Reported ST Loans (not part of SFY2021 Funding)	New Short Term Loans	New LT Loans and Adjustments to Prior ST Loans	Net new Funding in SFY2021	LT Financing Received in SFY2021	Project Description
Old Bridge MUA		\$172,397	\$0	\$172,397		Project No. 1209002-005. Laurence Harbor Water System Upgrade, Phase I
Orange City		\$217,150	\$0	\$217,150		Project No. 0717001-011. Orange Twp PFOA in Well 8 & Drinking Water System Treatment
Orange City		\$101,000	\$0	\$101,000		Project No. 0717001-013. Orange Twp Well 5 Rehabilitation Project
Passaic Valley SC	\$478,251		(\$56,971)	(\$56,971)	\$ 421,280	Project No. S340 689-30. Sump Pump Relocation
Passaic Valley SC	\$7,772,364		(\$1,431,287)	(\$1,431,287)	\$ 6,341,077	Project No. S340 689-32 (CSO). Plant Wide Improvement to increase wet weather treatment capacity
Passaic Valley SC		\$120,269,892	\$0	\$120,269,892		Project No. S340 689-37 (CSO). Substation "M" Replacement & Headworks Reconstruction (increased scope from 689-47)
Passaic Valley SC	\$19,618,381		(\$4,679,397)	(\$4,679,397)	\$ 14,938,984	Project No. S340 689-38 (CSO). Final Clarifier Concrete Rehabilitation Project
Passaic Valley SC	\$3,217,254		(\$1,440,029)	(\$1,440,029)	\$ 1,777,225	Project No. S340 689-40. Plant Wide Replacement & Relocation of Electrical Switchgear and MCCs
Passaic Valley SC	\$780,670		(\$59,200)	(\$59,200)	\$ 721,470	Project No. S340 689-48. Purchase of a Crane to use at Treatment Plant & collection system operations
Passaic Valley SC	\$649,880		(\$112,711)	(\$112,711)	\$ 537,169	Project No. S345 200-02 (AMP). Asset Mgt Plan
Paterson City		\$2,458,630	\$0	\$2,458,630		Project No. S340 850-03-1. Change Order #2 CSO-029 Solids & Floatables Control
Pennsville SA		\$798,254	\$0	\$798,254		Project No. S340 870-04. Pumping Station No. 3 Force Main Replacement
Perth Amboy City	\$350,000		(\$10,099)	(\$10,099)	\$ 339,901	Project No. S340 435-11. Replace pumps, relocate elect equip to improve resiliency
Perth Amboy City		\$2,172,015	\$0	\$2,172,015		Project No. S340 435-14 (CSO). CSO Separation (Pulaski Ave/Parker St/State St)
Perth Amboy City		\$46,418	\$0	\$46,418		Project No. 1216001-010. Painting of the Backwash Tank & Stand Pipe Project
Plumsted Twp	\$17,078,746		\$5,004,107	\$5,004,107	\$ 22,082,853	Project No. S340 607-03. Advances WW Treatment & Collection System
Plumsted Twp		\$6,318,698	\$0	\$6,318,698		Proejct No. S340 607-03R. Advances WW Treatment & Collection System

	Funding Received prior to SFY2021	New Financing in SFY2021				
Borrower	Previously Reported ST Loans (not part of SFY2021 Funding)	New Short Term Loans	New LT Loans and Adjustments to Prior ST Loans	Net new Funding in SFY2021	LT Financing Received in SFY2021	Project Description
Point Pleasant Beach Borough	\$1,540,650		(\$324,656)	(\$324,656)	\$ 1,215,994	Project No. S340 479-02. Replacement of clay sewer mains w/ PVC ductile iron & reinforced concrete pipe sewers
Point Pleasant Beach Borough	\$2,995,000		(\$1,899,891)	(\$1,899,891)	\$ 1,095,109	Project No. S344 190-02 (BB). Little Silver Lake Drainage Improvements Project
Point Pleasant Beach Borough		\$319,000	\$0	\$319,000		Project No. 1525001-002 (Nano). Ocean Ave Water Main Replacement
Rahway Valley SA	\$4,210,947		(\$66,910)	(\$66,910)	\$ 4,144,037	Project No. S340 547-14. Replace existing digester tank covers & mixers, replacing gas flares
Rahway Valley SA	\$2,356,560		(\$246,426)	(\$246,426)	\$ 2,110,134	Project No. S340 547-15. Trucked-n Waste Receiving Station
Red Bank Borough		\$430,000	\$0	\$430,000		Project No. S340 528-01. White Street Water & Sewer Improvements
Rockaway Valley RSA	\$6,657,908		(\$103,917)	(\$103,917)	\$ 6,553,991	Project No. S340 821-07. Rehab & enhancement of four existing final clarifiers
Rockaway Valley RSA		\$13,034,996	\$0	\$13,034,996		Project No. S340 821-08. Upgrades for compliance w/ effluent limitation for phosphorus w/ addition fo chem storage & feed syst. Implement addt'l SCADA improvements to enhance monitoring & control
Roosevelt Borough		\$600,000	\$0	\$600,000		Project No. 1341001-007 (Nano). Homestead, Cedar & Elm Water Main Project
Roselle Park Borough		\$71,970	\$0	\$71,970		Project No. S340 686-08h (JMEUC). Flood Mitigation Facilities Project
Salem County IA	\$303,000		\$5,916,517	\$5,916,517	\$ 6,219,517	Project No. S342 022-02. Cell 10 Construction: includes double composite liner system
Seaside Park Borough		\$2,359,806	\$0	\$2,359,806		Project No. S340 083-04. Phase III A Sanitary Sewer Replacement
Seaside Park Borough		\$70,490	\$0	\$70,490		Project No. 1527001-004 (Nano). Well 10 Treatment Facility
Ship Bottom Borough		\$9,500,000	\$0	\$9,500,000		Project No. 1528001-003. Water Treatment Plant Reconstruction
Ship Bottom Borough		\$3,865,000	\$0	\$3,865,000		Project No. 1528001-004. Water Main Replacement Project
Ship Bottom Borough	\$542,030		\$1,405,086	\$1,405,086		Project No. S340 311-04. Provide water meters in meter pits to every unmetered service connection within the Borough

	Funding Received prior to SFY2021	New Financing in SFY2021				
Borrower	Previously Reported ST Loans (not part of SFY2021 Funding)	New Short Term Loans	New LT Loans and Adjustments to Prior ST Loans	Net new Funding in SFY2021	LT Financing Received in SFY2021	Project Description
Somerville Borough		\$808,710	\$0	\$808,710		Project No. S342 013-01-1. Green Seam Phase II Ground Water Treatment
South Orange Village Twp		\$112,522	\$0	\$112,522		Project No. S340 686-08i (JMEUC). Flood Mitigation Facilities Project
South Orange Village Twp		\$640,000	\$0	\$640,000		Project No. 0719001-012. South Orange Newstead Watersphere Emergency Repairs
Stafford Twp		\$2,778,245	\$0	\$2,778,245		Project No. S340 946-07. Beach Haven West Sewer Rehab
Stony Brook RSA		\$19,261,427	\$0	\$19,261,427		Project No. S340 400-11. Contract 19-2 River Rd Wastewater Treatment Plant UV Disinfection & Effluent Filtration Project
Summit City		\$219,410	\$0	\$219,410		Project No.S340 686-08j (JMEUC). Flood Mitigation Facilities Project
Sussex County MUA		\$7,479,947	\$0	\$7,479,947		Project No. S342 008-04. Leachate Pump Station/Force Main Project
Sussex County MUA		\$27,181,599	\$0	\$27,181,599		Project No. S342 008-06. Landfill Life Stage 2 Expansion/Infrastructure Relocation Project
Toms River MUA		\$1,176,920	\$0	\$1,176,920		Project No. S340 145-08. Purchase of One Replacment Dump Truck Vehicle, Replacement Utility Truck Vehicle, Replacement Jet-Vac Truck Vehicle, 3 replacement portable generators,4 new wet well mounted grinders
Trenton City		\$25,000,000	\$0	\$25,000,000		Project No. 1111001-005 (LSLR). 5-year Lead Service Line Replacment & Verification Project
Tuckerton Borough		\$2,564,186	\$0	\$2,564,186		Project No. S340 034-05. Sanitary Sewer Rehab at Curfew, Kingfisher & Bass Roads
Tuckerton Borough		\$1,209,890	\$0	\$1,209,890		Project No. 1532002-007 (Nano). Water Main Replacement & Wells #3 & 4 Rehab & Repairs
Two Rivers Water Reclamation Auth		\$4,000,000	\$0	\$4,000,000		Project No. S340 117-09. Interceptor & Pump Station Improvements
Union Twp		\$471,578	\$0	\$471,578		Project No. S340 686-08k (JMEUC). Flood Mitigation Facilities Project
University Hospital	\$863,550		\$6,516,450	\$6,516,450		Project No. S340 500-03. Co-Generation Project: replace 3 existing turbines, new gas compressor, controls, connections & switchgear alterations
Wall Twp	\$1,316,909		(\$480,171)	(\$480,171)	\$ 836,738	Project No. 1352003-001. Route 138 Water Main Improvements

	Funding Received prior to SFY2021	New Financing in SFY2021				
Borrower	Previously Reported ST Loans (not part of SFY2021 Funding)	New Short Term Loans	New LT Loans and Adjustments to Prior ST Loans	Net new Funding in SFY2021	LT Financing Received in SFY2021	Project Description
Wall Twp	\$3,128,728		(\$386,086)	(\$386,086)	\$ 2,742,642	Project No. 1352003-002. Route 34 Water Main Improvements
Wenonah Borough		\$93,975	\$0	\$93,975		Project No. S340 531-01 (SS - AMP). Sanitary Sewer Collection System Asst Mgt & System Improvements
West Deptford Twp	\$1,384,468		(\$184,446)	(\$184,446)	\$ 1,200,022	Project No. S340 947-05. Replacement of Pump Stations 4 & 6
West Orange Twp		\$298,988	\$0	\$298,988		Project No. S340 686-08I (JMEUC). Flood Mitigation Facilities Project
Western Monmouth UA	\$6,480,000		(\$513,915)	(\$513,915)	\$ 5,966,085	Project No. S340 128-05. Route 79 Pump Station & Force Main Replacement
Western Monmouth UA	\$12,843,750		(\$512,871)	(\$512,871)	\$ 12,330,879	Project No. S340 128-06. Pine Brook Sewage Treatment Plant Improvements
Wildwood City		\$1,395,000	\$0	\$1,395,000		Project No. S340 664-06. Replace outdated sanitary sewer in a 7 phase plan
Wildwood City	\$283,096		\$1,121,325	\$1,121,325		Project No. 0514001-006. Replace the outdated water and storm drainage systems
Willingboro MUA		\$6,923,130	\$0	\$6,923,130		Project No. S340 132-09. Water Pollution Control Plant Installation of Screening & Grit Removal Equipment
Willingboro MUA		\$3,535,000	\$0	\$3,535,000		Project No. S340 132-10. Development of a Energy Savings Improvement Program & implementation of clean water projects
Willingboro MUA		\$7,950,000	\$0	\$7,950,000		Project No. S340 132-11. Replace meters w/ advanced metering infrastructure (AMI) System
Winslow Twp		\$199,980	\$0	\$199,980		Project No. 0436007-010. Well #2 filter Plant Upgrade
Woodbine Borough	\$301,500		\$4,493,130	\$4,493,130		Project No. 0516001-001 (Nano/SS - AMP). Wastewater Treatment Plant Upgrade & Water Main Extension and preparation of an Asset Mgt. Plan
Total	\$524,987,418	\$627,999,381	\$96,924,288	\$724,923,669	\$378,200,680	