NEW JERSEY
ENVIRONMENTAL INFRASTRUCTURE
FINANCING PROGRAM

STATE FISCAL YEAR 2023
FINANCING PROGRAM YEAR
FINANCIAL PLAN

Submitted to the State Legislature by:

New Jersey Infrastructure Bank
New Jersey Department of Environmental Protection

MAY 2022

New Jersey Infrastructure Bank

Public Board Members
Robert A. Briant, Jr., Chairperson
Mark Longo, Vice Chairperson
Jack Kocsis, Jr., Treasurer
James McManus, Jr., Secretary

Ex-Officio Members
Elizabeth Maher Muoio, New Jersey State Treasurer
Shawn LaTourette, DEP Commissioner
Diane Gutierrez-Scaccetti, DOT Commissioner
Sheila Y. Oliver, DCA Commissioner

Executive Director
David E. Zimmer, CFA

Mailing Address
3131 Princeton Pike
Building 4, Suite 216
Lawrenceville, NJ 08648

New Jersey Department of Environmental Protection

Mailing Address
P.O. Box 420
Trenton, NJ 08625
(609) 292-2885

Location Address
401 East State Street
Trenton, NJ 08625

Report to the Legislature
Pursuant to

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

By

Robert A. Briant, Jr.
Chairperson
New Jersey Infrastructure Bank

Shawn LaTourette
Commissioner
New Jersey Department of Environmental Protection

TABLE OF CONTENTS

INTRODUCTION 1

THE NEW JERSEY INFRASTRUCTURE BANK - OVERVIEW 2

SFY2023 NEW JERSEY ENVIRONMENTAL INFRASTRUCTURE BASE AND SANDY FINANCING PROGRAMS 3

- PROGRAM OBJECTIVE 3
- PROGRAM PREREQUISITES 3
- THE CLEAN WATER PROGRAM 3
- THE DRINKING WATER PROGRAM 4
- PROJECT PRIORITY LIST / PROJECT ELIGIBILITY 4
- PROJECT ELIGIBILITY LIST ("PEL") 5
- EXCESS CAPACITY 5
- BORROWER ELIGIBILITY 5
- ASSET MANAGEMENT 6

PROGRAM STRUCTURE 7

I. SHORT-TERM LOAN PROGRAM 7

II. SFY2023 DISASTER RELIEF EMERGENCY FINANCING PROGRAMS 10

- OVERVIEW 10
- LOAN FUNDING SOURCES 12

III. LONG-TERM FINANCING - SFY2023 BASE FINANCING PROGRAM 12

- BASE PROGRAM 12
- SOURCE OF FUNDS 13

IV. SFY2023 "SANDY" NJEIFP REVIEW 21

- PROGRAM OVERVIEW 21
- LOAN FUNDING SOURCES 22

V. SFY2023 PINELANDS INFRASTRUCTURE TRUST FINANCING PROGRAM REVIEW 22

- PROGRAM OVERVIEW 22

VI. OVERVIEW OF SFY2023 FINANCING PROGRAM REQUIREMENTS 23

- FEES 26

NJIB LONG-TERM BONDS 27

THE FINANCING DETAIL 27

- ESCROW CLOSING 29
- SALE OF NJIB BONDS 29

DISCLOSURE 30
UNDERFUNDED OR OVERFUNDED ALLOWABLE COSTS 30
UNALLOWABLE COSTS 30
LOAN REPAYMENTS 30
INVESTMENT OF PROJECT LOAN ACCOUNT PROCEEDS 31
FLOW OF REPAYMENTS 31
BORROWER CREDIT REQUIREMENTS 32
CREDIT STRUCTURE AND RATING OF I-BANK BONDS 32
STATE-AID INTERCEPT 33
COVENANTS AFFECTING THE LOCAL UNIT 33
TERMS OF PREPAYMENT 34
DEFAULT 34
ASSIGNMENT OF OBLIGATIONS 35
APPENDICES 37

-

Liberty State Park

INTRODUCTION

The New Jersey Infrastructure Bank (the "I-Bank" or "NJIB") in cooperation with the New Jersey Department of Environmental Protection ("DEP") is pleased to present the State Fiscal Year 2023 ("SFY2023") Financing Program Year New Jersey Environmental Infrastructure Financing Program ("NJEIFP" or "Water Bank") Financial Plan ("Report") to the New Jersey State Legislature in accordance with P.L. 1985, Chapter 334, as amended. The SFY2023 Financing Program Year is defined as commencing July 1, 2022 and ending June 30, 2023. Since being established in 1985, the I-Bank, formerly known as the New Jersey Environmental Infrastructure Trust ("NJEIT"), has partnered with the DEP to jointly fund and manage the Water Bank to provide low-interest loans for environmental infrastructure projects. The NJEIT continues this work in partnership with the DEP as an organizational department within the I-Bank. This Report for the I-Bank's 36th financing program year sets forth the plan by which projects, having applied and qualified for Water Bank loans, will be financed in SFY2023.

Throughout its history, the NJEIFP has focused upon providing financing for the construction and improvement of clean water ("CW") and drinking water ("DW") facilities and systems that protect the State's natural resources and public health. Since issuing its first loan in 1987, the NJEIFP has issued approximately 1,430 long-term project loans totaling over $7.81 billion for water quality and public health related environmental infrastructure projects. For the past thirty-five years, the NJEIFP's below market loan rates and principal forgiveness have reduced debt repayments for municipalities, counties, authorities, and public and private water utilities, on average, thirty-five percent (35%) of each borrower's original loan balance, this in combination with refundings has produced more than $2.77 billion in estimated cost savings for the participants' taxpayers and ratepayers.

The financial benefits of the Water Bank have spurred significant improvements to the State's clean water and drinking water infrastructure and have served as a major catalyst for economic and job growth throughout the State. See **Appendix B** for an overview of the NJEIFP financing (see Status Reports on Projects Funded**)**.

This Report provides a detailed overview of the SFY2023 Water Bank financing program including the:

i. Water Bank Multi-Year Construction Financing Program ("Short-Term Loan Program" or "STLP");
ii. Disaster Relief Emergency Financing Programs;
iii. Water Bank Long-Term Financing Program; and
iv. Sandy Water Bank Long-Term Financing Program ("Sandy NJEIFP").

The SFY2023 Water Bank Program features enhanced principal forgiveness and grant opportunities afforded by the Bipartisan Infrastructure Law (BIL) signed into law by President Biden on November 15, 2021 which adds approximately $40 million in additional principal forgiveness funds to the Clean Water Program and $53 million of principal forgiveness funds to the Drinking Water Program. These funds, combined with the Water Bank's implementation of such measures as utilizing supplemental sources of monies from private lines of credit, Water Infrastructure Financing and Innovation Act ("WIFIA") funding, replenishing Drinking Water funds by transferring up to the maximum amount of funds permissible under new federal legislation to satisfy the Drinking Water need and leveraging anticipated additional State appropriations position the program to meet the challenges created by the increased demand for Water Bank funds. The Water Bank Financing Program will continue to offer the same competitive loan rates combined with increased principal forgiveness and grant opportunities for the construction and improvement of clean water and drinking water systems while meeting more project needs and ensuring the long-term viability of the Water Bank Program.

THE NEW JERSEY INFRASTRUCTURE BANK - OVERVIEW

The I-Bank is an independent state financing authority, in-but-not-of Treasury, authorized to issue, guarantee, or fund debt-service reserve accounts for revenue notes and bonds to make loans to finance the construction of eligible environmental infrastructure projects. Recognizing the inadequacy of funds available to State and local governments through revenue initiatives and State and federal aid programs for capital financing of wastewater treatment systems, the I-Bank was created by the New Jersey Infrastructure Trust Act, P.L.1985, c.334, N.J.S.A. 58:11B-1 et seq. (the "Enabling Act") to help meet the cost of upgrading the State's wastewater treatment capacity to comply with State water quality standards. In 1987, the I-Bank, in partnership with the DEP, began to administer New Jersey's state revolving fund ("SRF") loan program after the federal Clean Water Act was amended, which replaced the traditional federal grant program. After the federal Drinking Water State Revolving Fund program was created and provided additional SRF funds to states for safe drinking water programs, the Enabling Act was amended in 1997 to increase the role of the New Jersey Wastewater Treatment Trust to include the financing of drinking water projects. As a result of this expanded authority, the name was changed to the New Jersey Environmental Infrastructure Trust. The DEP acts as New Jersey's SRF grant recipient and currently receives approximately $84 million of federal SRF funds annually. The I-Bank leverages these federal SRF funds by issuing revenue bonds thereby increasing the total amount of funds available for making low-cost loans to local government units. In SFY2022, the DEP received $60M in State appropriations, $50M to finance Drinking Water projects, and $10M to finance Clean Water projects, through the Water Bank. Any residual funds will be made available and utilized in SFY2023. Given its past successes in providing efficient financial services to New Jersey communities, the I-Bank's role was again expanded in January 2018 when the Enabling Act was further amended, granting it the authority to finance certain transportation infrastructure projects. The I-Bank now manages two separate financing programs: (i) the longstanding Water Bank, and (ii) the New Jersey Transportation Infrastructure Financing Program ("Transportation Bank"). **This Report is specific to the Water Bank.**

In addition to the federal SRF funds, the DEP and the I-Bank administer various loan funds capitalized by several State general obligation ("G.O.") bond issues to address needed environmental infrastructure improvements. A majority of these funds have been used to satisfy the 20% State match requirement for the Clean Water and Drinking Water Programs under the SRF Capitalization Grant.

i. **The Wastewater Treatment Bond Act of 1985,** authorized the State to issue $190 million in general obligation bonds, providing $150 million to capitalize the DEP portion ("Fund") of the NJEIFP and $40 million to capitalize the debt service reserve funds securing the NJIB's revenue bonds;

ii. **The Green Acres, Clean Water, Farmland and Historic Preservation Bond Act of 1992** was authorized by voters and provided $50 million for wastewater projects. $5 million was appropriated to the NJIB to leverage via capitalization of NJIB debt service reserve funds and $45 million was appropriated to DEP to capitalize the Fund portion of the NJEIFP;

iii. **The Stormwater Management and Combined Sewer Overflow Abatement Bond Act of 1989** provides $5 million for the NJIB to leverage via capitalization of NJIB debt service reserve funds;

iv. **The Water Supply Bond Act of 1981** provides up to $50 million to the NJIB to leverage via the capitalization of debt service reserve funds or project costs; and

v. **The Dam, Lake, Stream, Flood Control, Water Resources and Wastewater Treatment Bond Act of 2003** authorizes the State to issue bonds up to $200 million. It appropriated $5 million to the NJIB for debt service reserve funds and $45 million to the DEP for financing water supply and wastewater treatment projects**.**

In SFY2022, the I-Bank closed a $221 million loan with the United States Environmental Protection Agency ("USEPA") as part of the WIFIA program. These funds will be available to long-term finance projects as an alternative to the I-Bank's traditional municipal bond proceeds. As a result, the Water Bank is expected to save

DEP approximately $45 million in SRF funds that will then be available to be levered by the I-Bank and finance additional projects.

Through the authorizations and appropriations of substantial monies to address water quality needs by the State Legislature, the DEP and the I-Bank have been enabled to continue to provide low-cost financing for environmental infrastructure projects throughout the State.

SFY2023 NEW JERSEY ENVIRONMENTAL INFRASTRUCTURE BASE AND SANDY FINANCING PROGRAMS

PROGRAM OBJECTIVE

As in the past, the goal of the Water Bank in SFY2023 is to provide low-cost interest rate financing to eligible borrowers (each, a "Borrower") in order to stimulate the construction of environmental infrastructure projects. Applicants may apply for funding at any time of the year. Program staff commence review of the applications upon submittal by applicants of environmental planning and engineering plans and specifications. Issuance of certification by the DEP for the applicant's contract(s) is a condition precedent to disbursement of any Water Bank funds by the I-Bank, thereby ensuring that the Water Bank's funds are committed only to those projects that meet all SRF Program requirements.

PROGRAM PREREQUISITES

There are generally six prerequisites to an applicant's eligibility to receive a loan and requisition funds for a particular project:

i. Availability of Water Bank program funds;

ii. Identification of the project on a project priority list that has been submitted to the State Legislature;

iii. Project or project component approval for eligibility in the Water Bank Program in the form of contract certification from the DEP;

iv. Securing the approval of the applicants' debt instruments issued to the I-Bank and long-term debt instruments issued to the DEP, by the Division of Local Government Services or the Board of Public Utilities (as applicable);

v. The applicant's satisfaction of financial eligibility and loan closing requirements pursuant to the I-Bank credit policy;

vi. Certification of funding from the I-Bank's Board of Directors or its Executive Director (depending on loan amount) prior to short-term loan ("Short-Term Loan") closing and then certification of funding from the State Treasurer and the I-Bank's Board of Directors prior to long-term financing.

THE CLEAN WATER PROGRAM

The Federal Water Quality Act of 1987 requires States to establish a Clean Water State Revolving Fund ("CWSRF") program to qualify for federal capitalization grants. The CWSRF provides financial assistance for the construction of projects that protect, maintain, and improve water quality.

Funding in the amount of approximately $1,055 million is available for SFY2023 CW project loans. Of this amount, approximately 58.4% will be available from State funds, including prior State bond acts, federal capitalization grants, repayments of prior Funds Loan, appropriations, and interest earnings, and the remaining 41.6% will be available from the proceeds of bonds issued by the I-Bank. Outstanding I-Bank bonds currently carry ratings of AAA/Aaa/AAA (Fitch/Moody's/S&P).

THE DRINKING WATER PROGRAM

The Federal Safe Drinking Water Act ("SDWA") Amendments of 1996 authorized a Drinking Water State Revolving Fund ("DWSRF"). DWSRFs assist publicly and privately-owned community drinking water systems and non-profit, non-community drinking water systems with financing the costs of infrastructure needed to achieve or maintain compliance with SDWA requirements and to protect the public health in conformance with the objectives of the SDWA. The DWSRF is administered similarly to the State's CWSRF.

Funding in the amount of approximately $515 million is available for DW project loans in SFY2023. Of this amount, approximately 50% will be available from State funds, including prior State bond acts, federal capitalization grants, repayments of prior Fund Loans, appropriations, and interest earnings and the remaining 50% will be available from proceeds of bonds issued by the I-Bank.

Jersey City MUA Phase 3 and 4 Sewer Improvements. SFY2021 Financing Program.

PROJECT PRIORITY LIST / PROJECT ELIGIBILITY

Each year, as required by both federal and State law, the DEP develops a (i) "Proposed Priority System", (ii) "Intended Use Plan", and (iii) "Project Priority List" described as follows:

i. The Priority System ("PS") sets forth the ranking methodology for and prioritizes the projects that are eligible for financial assistance through the Water Bank. A copy of the SFY2023 PS is available on the I-Bank website at: https://www.njib.gov/nj/Water+Bank+Program+Publications.26

ii. The Intended Use Plan ("IUP") is submitted by the DEP to USEPA for approval after a public comment period. The IUP provides information on funds available through the CW and DW components of the NJEIFP, including all federal funds allotted to New Jersey under the Clean Water Act and the SDWA and available, respectively, to the CWSRF and the DWSRF. The final Federal Fiscal Year ("FFY") 2022

Intended Use Plans set forth the ranking methodologies utilized to rank both Base and Sandy SFY2023 Water Bank projects. FFY2022 CWSRF and DWSRF IUPs can be viewed at the URL listed in (i) above.[1]

iii. The Project Priority List ("PPL") identifies projects targeted for financial assistance from the CWSRF and the DWSRF and identifies the estimated total eligible project costs under the appropriate project category. The PPL is updated and submitted to the State Legislature quarterly to reflect changes in project sponsors and estimated project costs as projects are submitted and processed in the rolling application process. The initial SFY**2023** Water Bank Clean Water and Drinking Water Environmental Financing Program PPLs were published and delivered to the State Legislature along with the Proposed Priority System for SFY2023 in May of 2022.

Typically, not all the projects listed in the Project Priority Lists receive funding for a variety of reasons including voluntary withdrawal, failure to secure necessary permits and technical approvals, availability of funding or failure to satisfy the Water Bank's credit requirements. Project Priority Lists establish the rank of each project to determine the order of funding. Project costs set forth in these lists are based on each Applicant's preliminary engineering estimates and are subject to adjustments during the application review process for project eligibility.

PROJECT ELIGIBILITY LIST ("PEL")

Long-term financing of project loans issued by the I-Bank and the State, through the DEP, require prior legislative approval identifying the projects and the aggregate amount of funds to be expended. The project details of the annual legislation are found in the CW and DW Project Eligibility Lists, which are developed in accordance with the State priority ranking systems and submitted to the State Legislature with this Report each year. The Projects included on the PEL must also be identified on the PPL and have been determined that construction completion is likely within the upcoming fiscal year and thus are eligible for inclusion in an I-Bank upcoming bond pool. The SFY2023 CW and DW PELs are attached as **Appendix A**.

EXCESS CAPACITY

The I-Bank may finance up to 100% of the cost of excess or reserve capacity. However, in support of the Program's historical Smart Growth and Green Project Initiatives, the DEP may issue a zero-interest loan for a portion of the reserve capacity depending upon the type and location of the project whereby the I-Bank will finance the balance.

BORROWER ELIGIBILITY

A municipal Borrower for a CW or DW project must be a municipal corporation established under the laws of New Jersey. Local, regional, and State authorities that seek funding for a CW or DW project must be constituted as public bodies corporate and politic, with corporate succession. Private drinking water systems that seek funding for a DW project must be corporations or other entities duly organized and existing under or authorized to transact business under the corporation or other applicable laws of New Jersey and have a Public Water System Identification ("PWSID") number[2]. Eligibility also includes private colleges and universities that are interested in sponsoring non-point source pollution projects and are established as tax-exempt entities as IRS Rule 501(c)(3).

[1] This Report reflects the FFY2022 CWSRF and DWSRF IUPs. If the IUPs are updated during the fiscal year, the program will apply the program terms of the applicable CWSRF and DWSRF IUPs.

[2] Non-community water systems that are private, for-profit corporations are not eligible Borrowers in the program.

ASSET MANAGEMENT

Pursuant to P.L. No. 113-121, the Water Resources Reform and Development Act of 2014 ("WRRDA"), certain Borrowers receiving funding through the Water Bank must have in place, or commit to develop, a Fiscal Sustainability Plan ("FSP") for each project component and provide the Water Bank staff with both a technical (engineering) and financial certification outlining the long-term maintenance and replacement plan for the project's components. FSPs are similar to Asset Management Plans ("AMPs") and assist Borrowers in fulfilling the federal WRRDA requirement that all SRF loan recipients receiving funds for the repair, replacement, or expansion of a treatment works, develop and implement an FSP, or certify that they have developed and implemented such a plan. An FSP requires a Borrower to:

1. Inventory critical assets that are part of the treatment works;
2. Evaluate the condition and performance of inventoried assets or asset groupings;
3. Certify that the recipient has evaluated and will be implementing water and energy conservation efforts as part of the plan; and
4. Present a plan including the financial capacity for maintaining, repairing as necessary, and replacing the treatment works and funding such activities.

All DWSRF Borrowers are also required to develop an AMP which categorizes and prioritizes system assets and lays out a financial plan describing the methods, scheduling, and financing of the strategic upkeep and replacement of such assets. The DEP and the I-Bank are working jointly to develop a State-wide AMP Program that is intended to ensure local communities proactively operate and maintain the technical components of their water systems in a cost-effective manner. Further, a renewal and replacement (R&R) fund is required to be established by the Project Sponsor in connection with the construction of new environmental systems. For Borrowers which must develop an AMP due to the requirements of the Water Quaity Accountability Act, AMPs must incorporate the requirements of both the law and regulations promulgated by the Department.

Wall Township 138 Water Main Improvements.
SFY2021 Financing Program.

PROGRAM STRUCTURE

I. SHORT-TERM LOAN PROGRAM

Short-Term Loans are available to finance the costs of (i) environmental planning and engineering design activities including the development of asset management plans, (ii) project-related soft costs (e.g. legal expenses), and (iii) project construction, each upon certification of program eligibility by the DEP. Short-Term Loans are made to qualified applicants that, among other requirements, satisfy the Water Bank's credit worthiness standards and that sponsor Water Bank eligible CW and DW projects. Short-Term Loans are available prior to the commencement of any professional services associated with a project application enabling the applicant to pay related, reasonable project costs as they are incurred. Short-Term Loans are made by the I-Bank in anticipation of the conversion by the I-Bank to long term financing. Subject to State appropriations, once a Borrower with a Short-Term Loan has obtained a certification from the DEP of its construction contract, the Water Bank is committed to convert the loan to long term financing following construction completion, subject, however, to the timely satisfaction by the Borrower of all applicable condition's precedent to such long-term conversion and exceptions including fraud.

The Water Bank STLP features low interest rates, low transaction costs and a streamlined online application process. Multi-year Short-Term Loans provide efficient funding during the course of a project's design and construction period by reducing Borrowers' costs of issuance through low-cost financing and by avoiding multiple loan closings to secure funding for all eligible costs incurred through construction completion. The STLP also provides greater flexibility in addressing project cost adjustments prior to long-term financing. Central to the STLP is the identification of the total estimated project cost as well as the cost of each component for which funding is certified (and committed). Requisitions are now submitted on-line, cutting average processing and reimbursement times to under 14 days. Long-term financing terms, including Principal Forgiveness, determined at the time of project certification as detailed below, are contingent upon the successful long-term conversion of a project. These terms vary primarily with the nature of the project activities or populations served. The Water Bank reduces uncertainty as to when a project sponsor's Short-Term Loan will be converted to a long-term loan ("Long-Term Loan") by confirming conditions necessary for such a refinancing approximately four months prior to Long-Term Loan closing.

LOAN CLOSING REQUIREMENTS FOR BORROWERS

The final prerequisite to loan eligibility is a project's compliance with loan closing requirements. Although the actual requirements typically vary by type of applicant (municipal, authority or public/private water utility), applicant obligations include but are not limited to:

i. Completion of a financial addendum form;

ii. Satisfaction of the Water Bank's Creditworthiness requirements;

iii. Passage of an authorizing resolution, reimbursement resolution and bond resolution;

iv. Securing the approval of the Division of Local Government Services or the Board of Public Utilities (as applicable); and

v. Agreement to the terms of the NJEIFP's loan closing documents, including:

   a. Bond covenants,

   b. Continuing disclosure, and

   c. Numerous other document provisions to further demonstrate the Borrower's ability to repay the loan and satisfy the NJEIFP's credit worthiness standards.

ESTABLISHMENT OF FINANCING TERMS

Long-Term Loan terms are established in accordance with the following criteria:

For Projects financed through an NJEIFP 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 construction segments, various financing year terms may apply to a single project loan which are set at the time of each contract certification.

For Projects not financed through an NJEIFP Short-Term Loan or financed with self-funding:

Long-term financing terms apply based on the Program terms at the time of Long-Term Loan closing.

Planning & Design Activities

Planning and design (P&D) activities are eligible to be financed under the STLP for the cost of environmental planning documents and/or engineering plans and specifications for up to 100% of eligible costs. P&D activities may be financed with Short-Term Loans only if such activities are likely to lead to the construction activities of an Environmental Infrastructure Project. P&D financing may be obtained at the beginning of the application process for payment of such costs as they are incurred. SFY2023 P&D financing can be issued up to two (2) years. P&D loans that do not result in a construction project financed by the Water Bank must be repaid at its maturity and are not eligible for long term financing. Upon certification of the first construction contract, the Short-Term Loan term may be extended up to an additional of three (3) full fiscal years

Project Construction

For projects which initially finance P&D activities, Short-Term Loan maturity may be extended a maximum term of up to three (3) full state fiscal years subsequent to the first construction contract certification. For projects which do not finance P&D activities in advance of construction certification within the program, the term of the Short-Term Loan is three (3) full state fiscal years from the date of loan closing.

In addition, for **all** Short-Term Loans, the project must be identified on the Project Priority List submitted to the State Legislature; funds must be available in the I-Bank's Short-Term Loan Program account; and the project sponsor must execute the requisite Short-Term Loan documentation with the NJIB.

FINANCING COMMITMENT FOR THE COSTS OF CONSTRUCTION ACTIVITIES IS AVAILABLE UPON THE SATISFACTION OF THE PLANNING AND DESIGN COMMITMENT MILESTONES AS WELL AS THE:

i. Applicant's **submission** of the following through the Water Bank's H_2LOans system www.h2loans.com:

   a. Letter of Intent (Environmental Planning / Cultural Resources Documentation);

   b. Loan Application;

   c. Engineering design and specifications;

   d. Applicable permits;

   e. Socially and Economically Disadvantaged (SED) communities plan; and

   f. Construction bids.

ii. Water Bank's **issuance** of:

   a. Environmental Decision Document approving environmental planning;

   b. Authorization to Advertise Construction Contract;

   c. Authorization to Award Construction Contract for at least one project component that is capable of independent operation and testing (operable segment); and

   d. Contract Certification.

Provisions Pertaining to Short-Term Loans.

PRIORITY: Clean Water Short-Term Loans will be made on a readiness to proceed basis until the funds available for Short-Term Loan awards are exhausted. Drinking Water Short-Term Loans will be made on both a project rank and readiness-to-proceed basis.

SOURCES OF FUNDS: Short-Term Loan financings are funded by the I-Bank using DEP funds to the extent available, and from Water Bank operating revenues or from the I-Bank's Extendable Commercial Paper Program ("ECP"). The DEP will transfer a maximum of $1 billion to the I-Bank for the Water Bank's Short-Term Loan Programs. The I-Bank may procure additional Private Capital or utilize the I-Bank's environmental operating revenues to secure additional funds, as necessary.

INTEREST DUE: Project draws for expenses will be made pursuant to requisitions submitted by Borrowers. All interest charges will accrue to the I-Bank and be assessed on outstanding requisitioned amounts at a blended rate which will be established to cover interest, fees and administrative and operating expenses incurred by the I-Bank from borrowing Private Capital or a market interest rate if the I-Bank's cash-on-hand funds are utilized. Interest charges incurred by participants under Short-Term Loans are accrued and capitalized through the term of the Short-Term Loan.

INTEREST RATES: The I-Bank Board will set the interest rates or calculation methodology on Short-Term Loans at the beginning of each month during SFY2023 and may delegate the authority to the I-Bank's Executive Director based on a formula approved by the Board. Rates will be updated and posted monthly on the I-Bank website.

MATURITY: Short-Term Loans mature and are converted to Long-Term Loans at the earlier of construction completion or three full fiscal years plus the term of the P&D phase of the loan, with principal and interest repayments commencing after Long-Term Loan conversion closing. For complicated projects which have been certified by the DEP as requiring additional time for the Project Sponsor to complete construction beyond the maturity date of the Project Sponsor's outstanding Short-Term Loan, the Water Bank will convert the requisitioned amount of the original Short-Term Loan to a Long-Term Loan and a second Short-Term Loan will

be issued to finance the residual project amount for the lesser of construction completion or three additional fiscal years ("Residual Loan"). The Residual Loan will be converted to long-term financing with a maturity term equal to the Project's original Long-Term Loan. The long-term funding ratios for any remaining construction component, shall be consistent with the ratio for the State Fiscal Year in which the corresponding construction certification was received.

As described above, a Borrower is generally not obligated to repay principal or interest during the term of the Short-Term Loan. These totals are rolled into the Borrower's Long-Term Loan. An exception is Short-Term Loans for Long-Term Control Plans recognized by the Water Bank (see "Planning and Design Activities" section above), and certain conduit loans for redevelopment projects.

FEES: One-half of the DEP's Loan Origination Fee, equal to 1% of the total approved project costs, will be incurred at the time of Short-Term Loan closing. The I-Bank will finance this cost as a component of the Short-Term Loan and such cost will be adjusted to the final actual costs and refinanced as a component of the Borrower's Long-Term Loan. The remaining 1% DEP Loan Origination Fee balance is due and payable by the Project Sponsor upon maturity of the Short-Term Loan and paid as specified in the Long-Term Loan schedule provided at I-Bank Bond closing, or in-full should the Project Sponsor opt out of long-term financing from the Water Bank.

Given the level of DEP and I-Bank resources required to review project applications, including but not limited to the review of applications, environmental planning, and engineering plans and specifications, the DEP Loan Origination Fee paid pursuant to a Short-Term Loan is non-refundable, regardless of whether a project commences construction.

Execution of a Short-Term Loan preserves a project component's eligibility for long-term financing (exceptions being fraud, etc.). The repayment of all principal funds disbursed through the Short-Term Loan is due upon maturity of the loan, which is typically converted and refinanced through a Water Bank Long-Term Loan. Issuing long-term financing upon completion of construction minimizes loan expenses for participating Borrowers and ensures accuracy of project costs in sizing such projects for long-term funding. In the rare case that a Short-Term Loan Borrower fails to meet the requirements of the Long-Term Loan or chooses to self-finance the project upon maturity of the Short-Term Loan, all amounts drawn to date are then due and payable as well as the full 2% DEP Loan Origination Fee.

II. SFY2023 DISASTER RELIEF EMERGENCY FINANCING PROGRAMS

OVERVIEW

Statewide Assistance Infrastructure Loan ("SAIL"). The Disaster Relief Emergency Loan Financing Program was enacted in August 2013, in recognition of the challenges local governments faced in securing funding for Sandy recovery projects from multiple federal and State sources. The SAIL Program provides municipalities and certain private water purveyors quick access to temporary, low-cost, short-term bridge loans in the aftermath of a declared disaster to repair damages incurred during the disaster and to improve the resiliency of water systems for future disasters, pursuant to N.J.S.A. 58:11B-9.5(c). Projects funded through SAIL must be identified on a Project Priority List submitted to the State Legislature prior to receipt of SAIL financing. The current SAIL PPL was submitted to the State Legislature on April 13, 2022.

SAIL loans are available to local government units seeking short-term funding assistance to address immediate cash flow needs for their disaster-related eligible water infrastructure projects whether the funds are to be used for local match requirement and/or anticipation of reimbursement through federal grant programs such as Federal Emergency Management Act ("FEMA") or Housing and Urban Development ("HUD") Community Development Block Grants ("CDBG"). For Local Government Units seeking to rebuild their environmental infrastructure after disasters, New Jersey's SAIL Program is designed to provide ready cash to alleviate the financial stress that may result from delays in the receipt of federal reimbursement. Importantly, SAIL

participants also receive assistance with compliance oversight as many local communities are neither equipped nor experienced in dealing with federal FEMA legal requirements (Stafford Act) or HUD requirements.

Partnership with NJOEM and FEMA. The I-Bank works closely with New Jersey Office of Emergency Management ("NJOEM") and FEMA on behalf of Borrowers to (i) help obtain expedited reimbursement of eligible costs while optimizing the amount recovered, and (ii) provide compliance oversight to mitigate the potential of FEMA funding rejection or future de-obligation. Given the necessity that project expenses meet FEMA or HUD requirements as a condition of reimbursement, and the need to have such applications approved promptly, the Water Bank, through the I-Bank, has retained an outside engineering consulting firm to assist the DEP in the review of construction design and eligible costs, conduct site visits and review disbursement requests. All such work is overseen by and receives final approval from DEP. SAIL program Borrowers are responsible for payment of the review costs of the consulting engineer, incurred on a Borrower's behalf in an amount not to exceed two and a half percent (2.5%) of the total project cost. Such costs typically total just less than the DEP's 2% Loan Origination Fee and are typically incorporated into the Borrower's long-term financing program package.

Short-term SAIL Loans issued in SFY2023 will be at an effective interest rate as set by the Board and be consistent with the interest rate of the STLP. SAIL loans may be issued for the same terms as the STLP. Similar to the Base Water Bank Program, for those projects which initially finance P&D activities, loan maturity may be extended a maximum term of up to three (3) full state fiscal years subsequent to the first construction contract certification. For projects which do not finance P&D activities in advance of construction certification within the program, the term of the SAIL Loan is three (3) full state fiscal years from the date of loan closing.

SAIL financing will continue to be available in SFY2023 for short-term financing for projects to repair or improve the resiliency of environmental infrastructure systems adversely impacted by any newly declared disaster. SFY2023 SAIL loan interest rates are structured identically to that of Short-Term Loans as discussed above.

SAIL project funding is available to local government units, public water utilities or private entities upon the determination and certification in writing by the DEP Commissioner that the project:

i. is necessary and appropriate to repair damages to a wastewater treatment system or water supply facility directly arising from an act of terrorism, seismic activity, weather conditions or other emergency event which occurred within the prior three fiscal years that gave rise to a declaration by the Governor of a state of emergency; or

ii. is necessary and appropriate to mitigate the risk of future damage to a wastewater treatment system or water supply facility from an act of terrorism, seismic activity, weather conditions or other emergency event comparable in scope and severity to the act of terrorism, seismic activity, weather conditions or other emergency event that gave rise to a declaration by the Governor of a state of emergency which occurred within three fiscal years of the project being identified on the Project Priority List; and

iii. is a wastewater treatment system or water supply facility located in a County included in the Governor's state of emergency declaration; and

iv. its applicant has satisfied the program eligibility requirements of the funding sources for which reimbursements are sought (e.g., FEMA and/or the NJEIFP); and

v. its applicant has secured all SAIL application and financial approvals.

Federal Grant Resiliency Programs. Based on the success of the SAIL Program, the I-Bank is taking steps to enhance its ability to serve the disaster needs of the State by further leveraging federal emergency funding. Specifically, in coordination with NJOEM, the I-Bank has received a grant through FEMA's Building Resilient Infrastructure and Communities ("BRIC") Program, a federal competitive grant program designed to support states and local communities that undertake hazard mitigation projects. BRIC is a relatively new FEMA pre-

disaster hazard mitigation program that shifts the focus from financing post-disaster clean up and rebuild to investing in infrastructure to mitigate the damage that could result from a disaster.

In partnership with the NJOEM-Recovery Bureau, the I-Bank is creating an application process that compiles applicant and project data for prioritizing, selecting, and developing complete BRIC applications. The expected result would be an improvement in the state's capability to identify suitable mitigation projects and to develop a steady queue of application-ready mitigation projects for the submission of BRIC grants.

The I-Bank will also provide short-term financing for BRIC grant recipients with an eligible and certified Water Bank or Transportation Bank project by reimbursing project sponsors for expenses in advance of the receipt of approved BRIC funds. As with the I-Bank's successful SAIL Program, the I-Bank, in coordination with the DEP or DOT as appropriate, will function as the construction progress monitor, ensuring the completion of projects in a timely manner and in accordance with all applicable rules and regulations. Any qualified and eligible expense not reimbursed by the BRIC grant program (local non-federal cost share responsibility and amounts not reimbursable by BRIC) will be long-term financed by the I-Bank through its respective Water Bank or Transportation Bank, thus satisfying the non-federal cost share requirements (typically 25%) of the BRIC program.

Similarly, the I-Bank is working with NJOEM to develop financing services pursuant to the Safeguarding Tomorrow through Ongoing Mitigation ("STORM") Act funds. The STORM Act authorizes FEMA to enter into agreements with states or Native American tribal governments to make capitalization grants available for the establishment of hazard mitigation revolving loan funds to reduce risks from disasters and natural hazards. The I-Bank anticipates working with NJOEM to develop a revolving hazard mitigation infrastructure fund similar to the current revolving Water Bank and Transportation Bank that would supplement projects in the Water Bank and Transportation Bank.

LOAN FUNDING SOURCES

The source of short-term funds from the DEP for SAIL Program Loans consists solely of prior loan repayments (i.e., federal capitalization grants and State appropriations previously issued as project loans and subsequently repaid). This funding restriction is designed to avoid any potential conflicts with FEMA's regulations that restrict the utilization of other federal program capital grants, and which would disqualify the Borrower from receiving reimbursable FEMA funds.

The source of short-term funds available to the I-Bank for SAIL Program Loans, if needed, is private funds raised through its current short-term ECP Program with Morgan Stanley, or a future private banking facility program, or its cash-on-hand.

Funding sources for projects with eligible expenses to be financed under the BRIC or STORM programs are likely to mirror sources for the Base Water Program. More specific details about the terms of each of these programs will be made available to the public these programs develop.

III. LONG-TERM FINANCING - SFY2023 BASE FINANCING PROGRAM

BASE PROGRAM

The Base SFY2023 Water Bank Program will offer eligible CWSRF and DWSRF participants whose projects receive construction certification in SFY2023, the equivalent interest rate of a blend of fifty percent (50%) market rate loans from the I-Bank in combination with fifty percent (50%) zero percent (0%) interest rate loans from the DEP. A funding cap of $25 million per applicant per year applies to DWSRF projects with the exception

of Lead Service Line replacement. Project costs in excess of the funding cap are financed at the I-Bank market rate to the extent of available capacity.

Under the Base Program's blended financing terms of the equivalent of 50% of I-Bank's AAA all-in market interest rate, the estimated interest savings on a $1 million loan over 30 years for an average "A" rated Borrower is approximately 25% of a Borrower's loan amount above what the Borrowers would save had they financed the cost of the project independently. For investor-owned drinking water systems, private Borrowers (e.g., redevelopers) seeking funding through the county or municipality in which the project serves (a "Conduit Borrower"), the Base SFY2023 NJEIFP will offer eligible participants financing at a rate equivalent to seventy five percent (75%) of I-Bank's AAA all-in market interest rate.

The SFY2023 Base Water Bank Program continues to offer significant components of the SFY2022 Water Bank financing program including principal forgiveness opportunities for certain types of projects including Lead Line Replacement, CSO Abatement, Water Quality Restoration and Small Water System projects. In addition, the Water Bank is offering new additional principal forgiveness opportunities to address emerging contaminants and water and energy efficiency as well as providing enhanced financing for communities meeting the affordability criteria established by the DEP. The Water Bank will continue to offer attractive financing terms such as longer loan terms, disbursement of CW funds, and DW funds (other than Principal Forgiveness funds), based on readiness, frequent opportunities for conversion to Long-Term Loans and conduit loans for qualifying redevelopment projects. Advantageous loan terms in SFY2023 for certain projects, including up to one hundred percent (100%) principal forgiveness for certain CSO communities, and emerging contaminant projects and up to fifty percent (50%) principal forgiveness for lead service line replacement, and Water Quality Restoration projects provide substantial savings over and above what the Base Water Bank Program offers.

SOURCE OF FUNDS

Long-Term Loans are available for allowable project costs and consist of an interest-bearing loan component from the I-Bank, and a zero-percent interest loan component from the DEP or otherwise subject to principal forgiveness or grants as referenced herein.

The I-Bank may use alternative sources of funds including municipal bonds, WIFIA loans, or other federal financing programs as may be appropriate. In addition, the Water Bank Program may provide certain Borrowers a higher mix of I-Bank Loans combined with an interest subsidy to buy down a portion of the market rate to an equivalent Program rate.

A minimum of $1.419 billion in loans is available through the SFY2023 Water Bank. This total amount will consist of approximately $877 million DEP Fund Loans and $542 million I-Bank loans. I-Bank loans will be financed generally with proceeds from the I-Bank's AAA rated, tax-exempt bonds as well as funds secured through the federal WIFIA loan program (it is anticipated there will be a small number of I-Bank Direct Loans (as hereinafter defined), *de-minimis* in size, which will be financed with the I-Bank's cash-on-hand relating to the Water Bank Program.

DEP "Fund" Loans - The Base SFY2023 Financing Program Fund Loan (a.k.a. State loan component) will be issued at a zero percent (0%) interest rate. Participants will begin repaying the principal on their Base Fund Loans coincident with the initiation of debt service payments on the I-Bank Long-Term Loans. Unless changed due to specific project circumstances, annual repayments of Fund Loan principal are designed to be level for the duration of the loans when combined with I-Bank bond principal and interest repayments and I-Bank annual administration fee payments. Fund Loans are also structured to be co-terminus with I-Bank loans.

DEP funds are derived from five sources:

i. current and prior annual federal CWSRF and DWSRF grants (capitalization grants);

ii. proceeds of various previously issued State Bonds;

iii. State legislative appropriations;

iv. repayments from outstanding Fund Loans; and

v. interest earnings.

Federal capitalization grants, funds made available through the Bipartisan Infrastructure Law, and other State funds are being utilized as the source of funding for those loan funds eligible for Principal Forgiveness Loans ("PFLs") in the SFY2023 Financing Program. The DEP estimates that the State will receive approximately $64.9 million and $18.8 million in the current federal fiscal year in CWSRF and DWSRF capitalization grants, respectively. THE DEP also estimates that the State will receive approximately $77.5 million and $92 million in the current federal fiscal year in CWSRF and DWSRF, respectively, in funds made available through the BIL.

I-Bank "Trust" Loans - The I-Bank almost always provides long-term financing by issuing tax-exempt revenue bonds. Bond proceeds and Fund Loan proceeds are disbursed to project sponsors to repay a Borrower's outstanding Short-Term Loan that covers the costs of eligible project expenses incurred for planning and construction activities. In those larger more complicated projects where the DEP has certified that the time required to complete construction exceeds the maximum maturity date of the Short-Term Loan, an additional short-term Residual Loan may be made available to finance the remaining eligible construction costs through completion not to exceed an additional three (3) full fiscal years. Long-term financing from the I-Bank in the SFY2023 Financing Program for a large majority of projects will be between twenty-five percent (25%) and fifty percent (50%) of each loan based on the long-term financing terms in place at the time each project component received certification of construction from the DEP. The I-Bank loan amount may equal seventy five percent (75%) for certain loans depending upon the nature, type, and location of the project.

The I-Bank's interest-bearing loans are typically financed from the sale of tax-exempt Revenue Bonds. Two bond sales to finance SFY2023 Base NJEIFP and Sandy NJEIFP Loans are anticipated to occur in November of 2022 and May of 2023. Loan closings and distribution of bond proceeds, typically to refinance Borrowers' Short-Term Loans, will occur within weeks thereafter. Proceeds from these Bonds serve as the I-Bank's funding source for the "market rate" loan component of each loan referenced herein. Additionally, the I-Bank anticipates closing two WIFIA loans in calendar year 2022 for approximately $574 million and draw from those funds over the next six years as an alternative to issuing tax-exempt Revenue Bonds. Such draws may be made concurrently with the sale of tax-exempt Revenue Bonds. The first WIFIA loan for $221 million was closed in early May 2022. The I-Bank may utilize cash-on-hand from its environmental operating revenues to serve as a source of funds for small "Direct" loans rather than bond proceeds.

The Water Bank utilizes five (5) criteria when determining whether a project is to be included in the next bond pool:

i. Inclusion of the project in the Water Bank's legislative appropriation (i.e., the Project Eligibility List);

ii. Programmatic assessment of project readiness for conversion. Barring exigent circumstances, Projects must be deemed by the I-Bank to have the potential to complete construction prior to conversion as of the date of communication to Borrowers of inclusion in the bond pool;

iii. Statutory deadline for short-term maturity (currently up to three full fiscal years plus up to 2 years for a project's Planning & Design phase);

iv. External regulatory considerations (e.g., expiration of NJ BPU approval); and

v. Programmatic need for STLP funding dollars for other projects.

A Project Sponsor may request to defer inclusion in a bond pool in order to combine with another Project that is not ready for long term conversion for cost of issuance efficiencies. If such deferral is granted, a Project Sponsor may only receive one bond pool deferral and must participate in the next bond pool, regardless of the status of the second project. In addition, Project Sponsors may participate in a bond pool prior to construction completion upon I-Bank approval. In such cases, the Project Sponsor may only convert Project expenses requisitioned to date and must self-finance any balance of project costs.

As mentioned above, the I-Bank has received a commitment of funds from USEPA's WIFIA Program contingent upon satisfying all WIFIA program requirements and closing a loan agreement with USEPA. WIFIA is a federal program administered by the EPA that provides low-cost loans through the US Treasury for eligible water and wastewater infrastructure projects. The I-Bank has identified a pool of approved projects to be financed via this facility that have begun or will have begun construction within one year. The WIFIA loan program provides up to a maximum of forty nine percent (49%) of the funds to the underlying projects. WIFIA funds may be utilized as a source of funds for long-term financing in conjunction with I-Bank bond funds (which bonds may be sold competitively, placed privately, or held by the I-Bank) and DEP interest free funds to achieve a blended interest rate no greater than the interest rate each project's all-in effective blended rate would be without the inclusion of WIFIA funds. As a result of the inclusion of WIFIA funds, funding packages that were previously described as consisting of a fixed percentage of DEP interest-free funds and I-Bank market rate funds, are now described as a "Blended Interest Rate" of a specific percentage of the I-Bank's AAA all-in market interest rate. In the event funds are made available from WIFIA for projects that have received Short-Term Loans in a prior program year, these projects will receive an effective interest rate no worse than the all-in rate they would receive as the ratio of DEP and I-Bank funds of the applicable program year.

The maturity terms of both short-term and long-term Water Bank financings for projects on a WIFIA Loan list are authorized to the full extent allowed by the federal act. Projects are chosen for inclusion on the NJ Water Bank WIFIA-related financing list with the following criteria: Project size, Project completion percentage, AMT borrowers / projects, and Borrowers who are relatively financially challenged.

Principal Forgiveness Loan (PFL)

In addition to the Base SFY2023 CW and DW NJEIFP financing constructs that offer loans at the Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate (or 75% for investor-owned drinking water systems, Conduit Borrowers, and Landfill projects), PFLs are available for certain projects (see set-aside tables below). The remaining portion of the loan will typically bear a Blended Interest Rate between 50% to 100% of the I-Bank's AAA all-in market interest rate. Loan structures also vary based on project types.

New Jersey Water Supply Authority D&R Canal Dredging. SFY2021 Financing Program.

SET-ASIDES AND RESERVES FOR THE BASE SFY2023 NJEIFP

i. **Affordability – CW** – $36 million is dedicated to PFLs for eligible Clean Water projects sponsored by Borrowers meeting the Clean Water Affordability Criteria. For the first $2 million of project costs, Borrowers are offered 100% principal forgiveness. For the next $2 million of project costs, Borrowers are financed at a Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate. Allowable project costs between $4 million and $10 million receive loan financing with a blended interest rate of 25% of the I-Bank AAA all-in market interest rate and project costs over $10 million are financed at a blended interest rate of 50% of the I-Bank's AAA all-in market interest rate.

ii. **Affordability – DW** – $5 million is dedicated to PFLs for high-ranking Drinking Water projects (other than those to address emerging contaminants or lead) sponsored by Borrowers meeting the Drinking Water Affordability Criteria for publicly owned systems. For the first $1 million of allowable project costs, Borrowers are offered 100% principal forgiveness. Allowable project costs between $1 million and $10 million receive loan financing with a blended interest rate of 25% of the I-Bank AAA all-in market interest rate and project costs between $10 million and $25 million are financed at a blended interest rate of 50% of the I-Bank's AAA all-in market interest rate. Total project costs are capped at $25 million 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 can be financed 100% by the I-Bank as capacity allows.

iii. **Combined Sewer Overflow ("CSO") Abatement (Green and Grey Infrastructure)** – $30 million is dedicated to PFLs for CSO Abatement projects utilizing grey and green practices (such as green roofs, rain gardens, porous pavement, etc. that treat stormwater runoff infiltration into subsoil or filtration by vegetation or the harvesting of stormwater) of which $5 million will be reserved exclusively for green infrastructure. For the first $10 million of project costs, Borrowers are offered financing terms consisting of 50% principal forgiveness and the balance financed at a Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate, subject to a $5 million PFL limit per applicant. Project costs in excess of $10 million will be financed at the Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate.

iv. **CSO Abatement/Affordability ("CSO/A")** – An additional $30 million is dedicated to PFLs for CSO Abatement projects sponsored by Borrowers meeting the Clean Water Affordability Criteria of which $5 million will be reserved exclusively for green infrastructure. For the first $5 million of project costs, Borrowers are offered 100% principal forgiveness. The next $5 million is financed at a Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate. In addition, CSO/A projects will be able to stack the CW Affordability principal forgiveness package on top of the CSO/A package for allowable project costs between $10 million and $20 million (subject to the availability and the applicable Affordability cap). Project costs over the specified caps can be financed at a blended interest rate of 50% of the I-Bank's AAA all-in market interest rate.

v. **Energy and Water Efficiency** – A total of $10 million is dedicated to PFLs 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. For the first $4 million of project costs, Borrowers are offered financing terms consisting of 50% principal forgiveness and the balance financed at a Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate, subject to a $2 million PFL limit per applicant. Project costs between $4 million and $10 million will be financed at the Blended Interest Rate of 25% of the I-Bank's AAA all-in market interest rate. Project costs in excess of $10 million will be financed at the Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate.

vi. **Lead Service Line Replacement Program** ("LSLRP") – $25 million is dedicated as PFLs for the replacement of lead pipes and lead components, including mains and service lines in municipalities that meet New Jersey's Affordability Criteria through the LSLRP. Loans will be offered as 50% of eligible project costs in principal forgiveness and 50% of the I-Bank's AAA all-in market interest rate up to $5 million of PF per applicant per year. To qualify for the LSLRP, the presence of lead pipes and components must be documented. The balance of project costs up to $25 million may be financed at a Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate. The remainder of the project balance is eligible for financing by the I-Bank, as capacity allows.

SET-ASIDES AND RESERVES FOR THE BASE SFY2023 NJEIFP (cont'd)

For applicants that meet affordability criteria, project costs in excess of the Principal Forgiveness financing package (first $10 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 interest rate). The next $5 million of project costs may be financed at a Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate. The remainder of the project balance (costs over $25 million) is eligible for financing by the I-Bank, as capacity allows. Partial line replacements are not allowed.

vii. **Emerging Contaminants** – A total of $4 million is dedicated to PFLs for CW projects and $13 million for DW projects that primarily address substances and microorganisms known or anticipated in the environment that may pose newly identified or re-emerging risks to health, aquatic life, or environment.

viii. **CW** – For the first $2 million of clean water project costs, Borrowers are offered 100% principal forgiveness. For the next $2 million of project costs, Borrowers are financed at a Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate. Allowable project costs between $4 million and $10 million receive loan financing with a blended interest rate of 25% of the I-Bank AAA all-in market interest rate and project costs over $10 million are financed at a blended interest rate of 50% of the I-Bank's AAA all-in market interest rate.

ix. **DW** – For the first $1 million of drinking water project costs, Borrowers are offered 100% principal forgiveness. The balance of the project is financed at a Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate or, for projects meeting the affordability criteria, at a Blended Interest Rate of 25% of the I-Bank's AAA all-in market interest rate up to $10 million per applicant. The balance of project costs up to $25 million may be financed at a Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate. The remainder of the project balance is eligible to be financed 100% by the I-Bank, as capacity allows.

x. **Water Quality Restoration** – A total of $6 million in PFLs has been dedicated to 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 harmful algal blooms (HABs). Projects would eliminate potential sources such as failing on-site wastewater systems, 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. For the first $5 million of project costs, financing terms consist of 50% principal forgiveness and a Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate, subject to a $2.5 million PFL limit per applicant. For project costs between $5 million and $10 million, financing terms consist of a Blended Interest Rate of 25% of the I-Bank's AAA all-in market interest rate. Costs in excess of $10 million will be financed at a Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate.

xi. **Sewer Overflow and Stormwater Reuse Grants (OSG)** – Approximately $1 million will be reserved for OSG PFLs for projects that receive Sewer Overflow and Stormwater Reuse Grants from the USEPA. 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. Total project costs are capped at $1 million. The balance of the project would have to be separately funded and would be eligible for SRF financing at the rates offered for the applicable project type.

SET-ASIDES AND RESERVES FOR THE BASE SFY2023 NJEIFP

ADDRESSING SMALL SYSTEM NEEDS

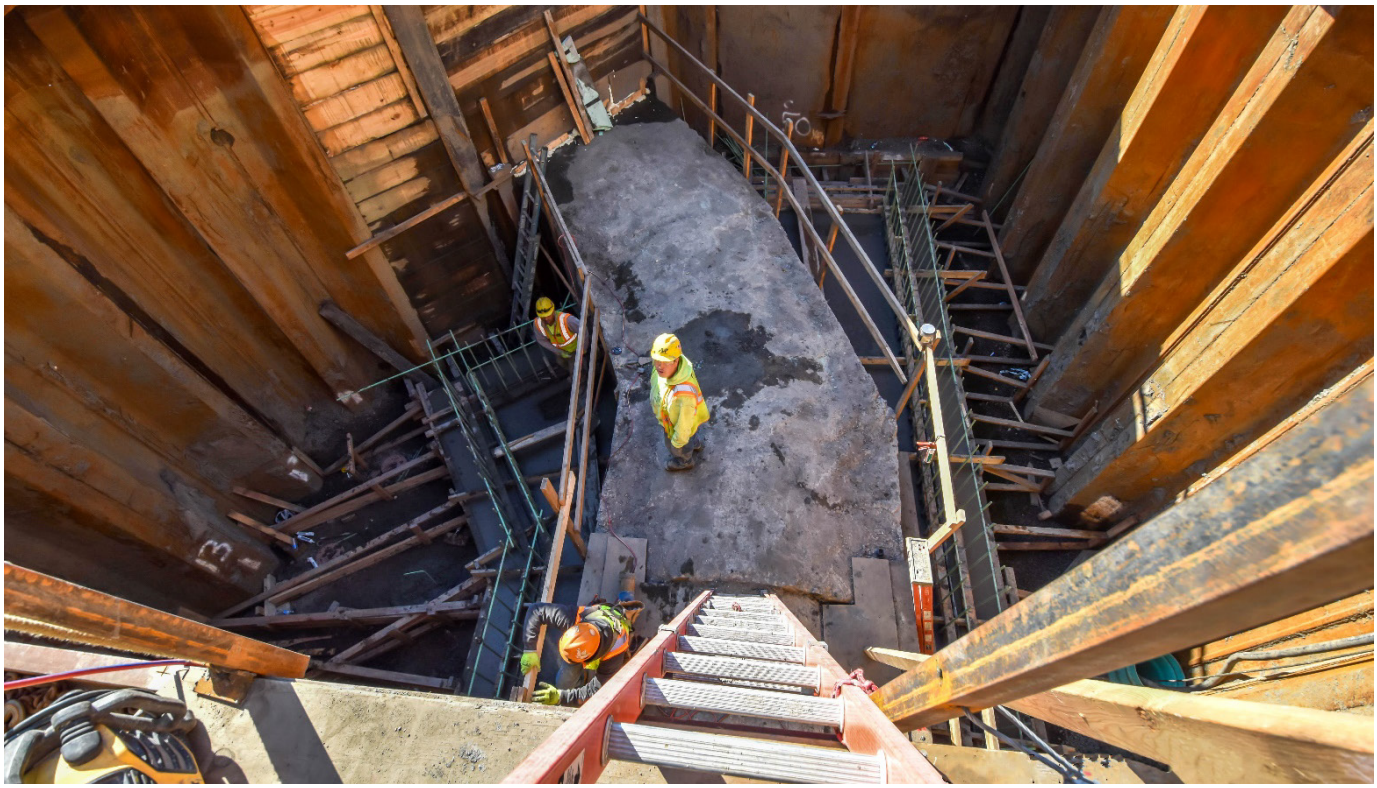
i. **Small System Loan Program (NANO) - $4 million in PFLs will again be set-aside for small Drinking Water systems** serving 10,000 or fewer residents, in addition to approximately $4 million in PFLs from previous years. The NANO Program was established in support of the significant improvements to public health that result from projects at small systems while also recognizing the particular credit risk posed by these Borrowers. Each NANO Loan shall consist of a fifty percent (50%) DEP PFL and a Blended Interest Rate of 50% of I-Bank's All-in AAA all-in market interest rate. There is a per applicant cap of $1 million. Project costs in excess of $1 million will be funded at a Blended Interest Rate of 50% of the I-Bank's AAA all-in market interest rate for publicly owned drinking water systems and Blended Interest Rate of 75% of the I-Bank's AAA all-in market interest rate for privately-owned drinking water systems. The DEP waives its 2% loan origination fee for NANO loans for the first $1 million in project costs.

   For applicants that meet the affordability criteria, 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 interest 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 interest rate. The remainder of the project balance (costs over $25 million) is eligible for financing by the I-Bank, as capacity allows.

   Unique to the NANO Program is the establishment of a Loan Loss Reserve Fund (LLR Fund). NANO Program applicants that do not pledge ad valorem taxing authority as security for such loans, either directly or indirectly, will pay an annual guarantee-fee equal to 1% of the outstanding I-Bank loan ("LLR Fee") to be used as additional credit support for these loans. The LLR Fee will be deposited into the LLR Fund. Larger water systems which are willing to take ownership of small water systems, and make needed capital improvements, will also be eligible for the same enhanced loan terms as the otherwise eligible small water system.

ii. **Very Small Water System Program – The Department provides support through the Department technical** assistance programs, including Community Engineering Corp and the Engineering Contract with New Jersey Water Association (NJWA) to very small water systems serving populations of 1,000 or less. Planning and design services are covered through these programs to help water systems that do not have funds to cover these upfront costs. $5 million will be set aside for 100% PFLs up to $750,000 per water system per year for these very small water systems participating in the Community Engineering Corp that do not meet credit eligibility requirements of the Water Bank program. *

   *** Note that <u>no-cost</u> feasibility and engineering assistance is also available to drinking water systems serving 10,000 or fewer people and wastewater systems that treat one million gallons per day or less through the EPA's Environmental Finance Center Network ("EFCN") branches. Eligible systems are encouraged to register through the EFCN website at: https://efcnetwork.org/assistance/request-assistance/**



Camden County Municipal Utilities Authority Wastewater Treatment Plan Improvements. SFY2021 Financing Program.

Unless specified in the set-aside allotments described above, for all Base SFY2023 NJEIFP CW and DW loans, remaining allowable project costs above the Program limitations may be financed by the I-Bank, as funds are available. Program financing above the amount set-aside for such projects will be considered if set-aside monies are available after the need for funding of higher ranked projects during the funding cycle has been satisfied.

Conversely, if there are unexpended funds in the set-asides identified above due to insufficient demand for the stated activities or project sponsor-related delays in the application process, the residual funds may be used to finance lower ranked projects on the Priority List or for principal forgiveness for future program years subject to State and/or federal program constraints.

Community Development Block Grants (CDBG) Loans – 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.

Direct Loans –The Water Bank Direct Loan Program authorizes the I-Bank to utilize cash-on-hand generated through its NJEIT Department as an alternative source of funding for a qualifying Borrower's market rate loan component. Direct Loans are available for small projects, or for larger projects for which there is an I-Bank business need for this type of loan structure (in certain cases, evidenced and secured by a bond issued and held by the I-Bank.) For example, Direct Loans made in conjunction with the WIFIA loans under the WIFIA Loan Program may be secured by I-Bank bonds issued to and held by the I-Bank.

Note: All projects receiving Direct Loans must have fully satisfied all Water Bank Financing Program requirements including, but not limited to, submission of all application related documents compliant with submission deadlines and receipt of all credit worthiness, project, and financial approvals. Subject to the NJIB

Board's discretion, I-Bank Direct Loans will otherwise be capped at a total I-Bank amount of $500,000 per project.

Supplemental Loans – Periodically, a project's costs exceed the amount financed in its Long-Term or Direct Loan due to differing site conditions or when the low bid building cost exceeds the original loan amount. Such costs may be eligible to receive additional financing through a long-term Supplemental Loan (see N.J.A.C. 7:22-3.11). The loan requirements for a Supplemental Loan are identical to that of the Long-Term Loan subject to the following exception: revised planning documents and design documents are not required provided the project scope of work has not increased. The loan structure and maturity for Supplemental Loans is mostly identical to that of the Borrower's original project loan. However, for those loans which were issued at a time when the maturity for long-term financing was 20 years, a supplemental loan may be issued for a maximum maturity, from the point of the original loan, to the lesser of 30 years, or the useful life of the project.

Supplemental loans have become rarer in recent years as the Water Bank Financing Program has progressed and now requires projects to be substantially complete prior to receiving long-term financing. As such, in SFY2023, it is expected that any cost increases will be managed by amending a project's Short-Term Loan amount or by issuing the Borrower a Residual Loan.

Brownfield Redevelopment Loans – For CW projects where a government unit serves as the applicant on behalf of, or in conjunction with, a private entity for the water quality component costs of a remediation or redevelopment project to statutorily qualify for NJEIFP loans and one or more of the following fact scenarios exists: (i) such government unit secures its repayment obligations pursuant to the provisions of the Redevelopment Area Bond Financing Law; (ii) the redeveloper's contractor administers or oversees all or a portion of project construction; or (iii) the borrowed funds are provided by the government unit as a conduit Borrower to a redeveloper or its agent to fund all or a portion of the project's expenses,[3] the loans to the government unit / Conduit Borrower will be structured as at a Blended Interest Rate of 75% of the I-Bank all-in Market Rate.

Hybrid Loans – At times, project sponsors have expressed an interest in securing short-term financing to meet cash flow needs in anticipation of reimbursement of federal funds (FEMA/HUD) as well as long-term financing for non-reimbursable costs (typically, the local share). The review and approval of such projects must contemplate satisfaction of the applicable federal funding programs. For example, hybrid loan Borrowers may receive a SAIL loan for both reimbursable and eligible, non-reimbursable project costs and one or more Long-Term Loans for project costs for which federal reimbursement from grants has not been received. The structure of such loans will reflect the underlying Water Bank Short-Term Loan vehicle (STLP or SAIL loan) as well as the Long-Term Loan vehicle (Base SFY2023 NJEIFP, Sandy NJEIFP, I-Bank-Only Loan, DEP only loan or combination thereof).

I-Bank-Only Long-Term Loans - Notwithstanding efforts to ensure that project costs to repair and improve the resiliency of disaster impacted systems are compliant with and reimbursed by FEMA/HUD, in the event reimbursement is not received and project components otherwise fail to qualify for CW or DW Water Bank Long-Term Loans, NJIB-only Long-Term Loans are available for such costs. It is anticipated that I-Bank-only Long-Term Loans will be utilized to make up for shortfalls that may arise in structuring a Borrower's Long-Term Loans to ensure financing for the entire project can be achieved. The I-Bank anticipates utilizing environmental infrastructure tax-exempt bond proceeds for such loans.

Economic Redevelopment Loans – Funds made available by the State for economic redevelopment will be used by the I-Bank to provide assistance/funds as a reserve or guarantee as collateral to provide enhanced

[3] However, if a government unit is the applicant for a water quality component related to, and necessary for, a remediation or redevelopment project and (1) the government unit, and not the redeveloper, is undertaking and overseeing the construction of such water quality component as the owner and operator thereof and (ii) the repayment obligations of such government unit are not secured pursuant to the provisions of the Redevelopment Area Bond Financing Law, the loans will be structured at the Base SFY2023 NJEIFP with none of the other programmatic limitations otherwise applicable to a redevelopment project.

borrowing rates for Borrowers. Project eligibility and ranking will be developed when and publicized if such funds become available.

Small System Grant Program – DEP is setting aside $5 million to provide direct grants to water systems that serve fewer than 1,000 persons and do not meet credit worthiness requirements to qualify for a loan, in order to provide financing to protect public health in these small system communities where financial constraints limit the ability of these water systems to move forward with critical repairs or treatment projects. DEP will not charge permit fees to these small systems.

Sewer Overflow and Stormwater Reuse Grants Program ("OSG") – Approximately five capital improvement projects that address CSO correction and/or stormwater and subsurface drainage water are eligible to receive OSG financing consisting of a DEP grant for up to 80% of eligible project costs combined with a 20% principal forgiveness loan for a total of up to $1,000,000. The balance of project costs may be eligible for Water Bank financing at the rates offered for CSO projects. Eligible projects exist under the following two categories: 1) combined sewer overflow correction, and 2) stormwater and subsurface water drainage. Only capital improvement projects are eligible. Operations and maintenance activities are not eligible for funding. A project that receives grant money is subject to the same requirements as a project that receives money from the CWSRF. Projects will be prioritized to financially distressed communities, implementing a long-term control plan for CSOs and requesting funds for a project included on the CWSRF IUP. Projects will be further prioritized based on whether it serves an overburdened community identified on the NJDEP Office of Environmental Justice interactive mapping tool, the quantity of flow anticipated to be removed from a system or flood prone area, and the use of green technology, with an emphasis on green roofs, blue roofs, green streets, and green walls, rainwater harvesting collection, storage, management, and distribution systems, real-time control systems for harvested rainwater, infiltration basins, constructed wetlands, including surface flow and subsurface flow (e.g., gravel) wetlands, bioretention/bioswales (e.g., rain gardens, tree boxes), permeable pavement, wetland/riparian/shoreline creation, protection, and restoration, and establishment/restoration of urban tree canopy (Green Infrastructure in New Jersey (www.nj.gov/dep/gi/index.html)). Additional points will be awarded for documented localized flooding based on storm intensity and for applicants implementing local hiring requirements in the contract documents. Awards will be made on a rolling basis based on project rank and readiness.

IV. SFY2023 "SANDY" NJEIFP REVIEW

PROGRAM OVERVIEW

The DEP will continue to issue loans that include PFLs utilizing the appropriations from Federal P.L. 113-2, the Disaster Relief Appropriations Act, 2013 (the "Disaster Relief Act"), for environmental infrastructure resiliency projects involving Clean Water and Drinking Water systems affected by Superstorm Sandy to the extent funds remain. The large majority of these "Sandy NJEIFP" loans will consist of the same general funding terms offered in prior years:

i. Nineteen percent (19%) non-repayment funds (principal forgiveness loans or "PFLs") from the DEP;

ii. Fifty Six percent (56%) zero interest rate loan from the DEP; and

iii. Twenty Five percent (25%) AAA rated market rate loan from the I-Bank.

The DEP will make available and award the balance of the Sandy CWSRF and Sandy DWSRF funds that have not been committed in the SFY2022 or prior year Programs. If all remaining Sandy CWSRF and DWSRF funds are awarded in SFY2023, new submittals will be processed through the NJEIFP Base Loan Program at 50% of the I-Bank's market interest rate. Sandy Relief funds were made available in a one-time installment and are offered so long as funds remain. If there are insufficient applications to utilize the funds allocated to the above Sandy reserves and/or set asides, the unutilized funds may be reallocated to other reserves, set asides or other

eligible Sandy CW or DW NJEIFP projects as determined by the DEP subject to state or federal program constraints.

As an alternative to the above structure, the DEP is offering Sandy NJEIFP eligible projects a 100% DEP Fund Loan (i.e., no I-Bank component loan). This financing option includes Community Development Block Grant (CDBG) funds. This DEP-only loan increases the amount of PFL offered to Borrowers from 19% to 25% and increases the DEP zero-percent interest rate loan portion from 56% to 75%. The DEP will also waive its 2% administration fee on such loans. These additional financial benefits are being offered to encourage individual Sandy NJEIFP Borrowers to accept CDBG monies as a source of their loan funds in light of the added constraints, compliance requirements, and delays associated with receipt of such CDBG funds.

LOAN FUNDING SOURCES

The State received approximately $229 million from the special federal appropriations through the Disaster Relief Act for the State loan component of Sandy NJEIFP Loans. The State provided the required twenty percent (20%) match for this federal grant ($45.87 million) bringing the DEP's funding total to $276.87 million (collectively the "Sandy SRF Funds"). Specific to this appropriation of grant funds, the State may not disburse more than thirty percent (30%) of its federal grant funds, or approximately $68.8 million, as Principal Forgiveness. The I-Bank is leveraging DEP's Sandy SRF Funds (excepting any loans associated with CDBG funds as detailed above) to produce a 75% DEP / 25% I-Bank financing program. In this structure, approximately 25% of the DEP loan component, or 19% of the total loan is being offered by the DEP as PFLs. As a result, after a reduction for administrative expenses, the Sandy SRF Program had an initial total of $354.69 million in loan funds available to eligible Borrowers. A small amount of these funds may be available for CW or DW Sandy projects in SFY2023. The source of funds for the I-Bank loan component are proceeds provided through the I-Bank's environmental infrastructure tax-exempt bond issuance.

V. SFY2023 PINELANDS INFRASTRUCTURE TRUST FINANCING PROGRAM REVIEW

PROGRAM OVERVIEW

Established by the Pinelands Infrastructure Trust Bond Act of 1985, L.1985, c.302, the Pinelands Infrastructure Trust Fund provides a source of funds specifically for infrastructure projects needed to accommodate existing and future needs in the twenty-three designated Pinelands Regional Growth Areas. Pinelands projects are approved by the Commissioner of the New Jersey Department of Environmental Protection only after a finding has been made by the Pinelands Commission that the master plan and zoning ordinance of the municipality, and master plan of the county, where the project is to occur conforms to the Pinelands Infrastructure Master Plan and the provisions of the comprehensive management plan.

Pinelands infrastructure projects are prioritized pursuant to the Pinelands Project Priority Methodology and placed on the Pinelands Project Priority List. The Pinelands Infrastructure Master Plan provides all ranking and prioritization guidelines for Pinelands infrastructure projects. The Pinelands Project Priority List is developed in conformance with the Pinelands Infrastructure Master Plan. The Pinelands Infrastructure Master Plan was amended in February 2019 to include four environmental infrastructure projects. The Pinelands Commission has requested that the projects be financed through the Water Bank using funds sourced from the Pinelands Infrastructure Trust Fund. The Water Bank has included Pinelands Projects on its PPL (most recently submitted to the State Legislature on April 13, 2022) based on the methodology and ranking of the Pinelands Commission.

Pinelands/I-Bank financing for the Pinelands environmental infrastructure project(s) will be structured in accordance with the Pinelands Commission Master Plan:

i. Pinelands infrastructure projects are funded by the I-Bank with monies appropriated from the Pinelands Infrastructure Trust Fund;

ii. Up to 40% of allowable project costs will be in the form of a grant;

iii. Up to 50% of allowable project costs will be in the form of a loan at an interest rate of 1.00%;

iv. The remaining 10% of any Pinelands infrastructure project shall be funded through local match ("Match"). A Project Sponsor may either self-finance the Match or apply for an I-Bank loan to finance the Match requirement. The interest rate of such an I-Bank loan would be at a rate commensurate with the I-Bank's Water Bank program. In the event a participant elects to fund the Match with an I-Bank loan, the Project Sponsor is subject to the terms and conditions of the applicable Water Bank Short-Term Loan Program; and

v. A participant may issue their own bonds to finance the unallowable costs of the project and allowable costs which exceed the I-Bank/Pinelands amounts or participants may finance these costs from other funds. Each participant must demonstrate to the I-Bank its capability of financing these costs in order to be eligible for financing from the I-Bank.

VI. OVERVIEW OF SFY2023 FINANCING PROGRAM REQUIREMENTS

1. **Financial Addendum Form** – Each Borrower is required to complete a Financial Addendum Form ("FAF") for both the short-term and the long-term financing programs prior to the FAF submission deadline to demonstrate a project sponsor's commitment to proceed with project financing. Separate FAFs must be submitted if both clean water and drinking water project loans are sought. The FAF submission is in addition to the Water Bank loan application. While the actual requirements typically vary by type of applicant (municipal, authority or private water utility/system), applicant obligations include but are not limited to completion of an FAF, passage by the project sponsor of an authorizing resolution, reimbursement resolution and bond resolution or ordinance.

2. **Local Finance Board/Board of Public Utilities Approval** – Pursuant to P.L. 15 c. 95, known as "The Division of Local Government Services Modernization and Local Mandate Relief Act of 2015", municipal loan applicants for Water Bank financing are **not** required to secure Local Finance Board ("LFB") approval of the applicants' debt instruments issued to the I-Bank pursuant to the NJIB enabling act (N.J.S.A. 58:11B-9(a)) or the Local Fiscal Utilities Control Law (N.J.S.A. 40A:5A-6). Instead, such debt is approved by the Director of DLGS based on information forwarded by the I-Bank in the Water Bank loan application process. Moreover, P.L. 15 c. 95 relieves municipal NJEIFP loan applicants from securing LFB approval of the waiver of the five percent (5%) down payment requirement provided the local bond ordinance exclusively funds a Water Bank project. In addition, LFB approval is **not** required for NJEIFP applicant's non-conforming maturity schedules. However, approvals of other matters (e.g., QBA) continue to be required by the LFB (or Board of Public Utilities, as applicable), as a statutory requirement of the Financing Program (other than private entities which are not under DCA's jurisdiction).

3. **DEP Certification** – DEP certification is required for all projects and project components (contracts), which is issued by the Commissioner of the DEP or their designee. DEP certification is granted upon a project's receipt of all permits, compliance with environmental planning, design, and construction contract document requirements, the Program's issuance of an Authorization to Award the construction contract and the availability of funds.

4. **NJIB Certification** – Loan Certification is required for all projects seeking program financing. I-Bank Loan certification is awarded upon DEP certification and the applicant's satisfaction of the Program's credit worthiness requirements. The Executive Director of the I-Bank certifies projects seeking Short-Term Loans less than or equal to $15 million and the I-Bank's Board of Directors certifies projects seeking Short-Term Loans greater than $15 million as well as all Long-Term Loans.

5. **Short-Term vs. Long-Term Funding Eligibility** – Conditions precedent to Short-Term Funding Eligibility consist of contract certification from the DEP, I-Bank Loan certification, and satisfaction of the Financing Program's credit worthiness standards. Conditions precedent to Long-Term Funding Eligibility consist of the above-mentioned conditions plus completion of project construction and Certification from the I-Bank Board. Sponsors whose projects do not receive a Short-Term Loan from the I-Bank prior to long-term funding (i.e., self-funded projects) must submit construction expenses at least quarterly on a form to the DEP through H2L0ans with requisite supporting documentation to allow Water Bank staff to monitor construction costs and percentage of project completion. To receive long-term financing these sponsors must have submitted 100% of their project expenses to and have such expenses approved by the DEP prior to escrow closing. Sponsors that do not submit regular requisition through H2LOans risk qualifying for long-term financing. A secondary certification may be required of a sponsor which self-funded construction to certify that it complied with certain program requirements.

6. **Project Benefits Reporting Forms (PBR and CBR)** – The USEPA requires annual submission of project information into the DWSRF Project and Benefits Reporting System ("PBR") and the CWSRF Benefits Reporting System ("CBR") as a condition of receiving funds under either SRF program. The Department obtains this information through applicants' completion of the PBR and CBR forms prior to loan closing.

7. **Loan Closing** – Short-Term Loans: The I-Bank is able to close Short-Term Loans within as little as three (3) weeks of submission of a short-term FAF, with satisfaction of all other conditions.
   Long-Term Loans: Within two to three weeks following bond sale, the I-Bank settles its bond sales and conducts simultaneous Long-Term Loan closings with participating Borrowers. The I-Bank anticipates conducting bond sales in late fall 2022 and spring 2023.

8. **WISE Calculator** – The Water Infrastructure Savings Enabling ("WISE") Act Calculator (P.L. 2017, c.71, Section 2) requires all local government units seeking financing of $1,000,000 or more for an environmental infrastructure project not planned to be financed through the Water Bank, to submit a Financing Cost Estimate ("FCE"), provided by the I-Bank, to the Director of DLGS/LFB for debt approval. The I-Bank developed the WISE Calculator tool (available on the I-Bank's website at https://wise.h2loans.com/) to calculate and produce an FCE for Borrowers. The WISE Calculator provides Project Sponsors and their consultants a quick and uncomplicated way to quantify the comparative savings offered by Water Bank financing. It is also used by prospective Borrowers as a budgeting tool for estimating the annual debt service due for proposed projects. The FCE provides transparency to the public and assists local officials in their due diligence for selecting the most cost-effective project financing. If an otherwise eligible Project Sponsor for a drinking water project would like to finance outside of the Water Bank because Water Bank funds are not readily available, the I-Bank provides a letter for the Project Sponsor to present to the Director of DLGS/LFB for debt approval.

9. **Minimum Loan Size -** The aggregate principal amount of any loan made by the NJIB and the DEP to any given qualifying project sponsor shall be no less than $150,000 excluding short-term Planning & Design and asset management loans.

Plumsted Township Advanced Wastewater Treatment and Collection System. SFY2021 Financing Program

DEP Loan Origination Fee. The DEP's Loan Origination Fee, calculated as 2% of project costs, offsets the cost of DEP's project review and construction management services provided to Borrowers. Sponsors may finance half the cost of this fee obligation through a Short-Term Loan from the I-Bank. These funds are transferred directly to the DEP upon receipt of the funds from the I-Bank. The remaining 1% fee balance is paid by the Borrower to DEP as a component of the Borrower's first Long-Term Loan repayment. For CSO Abatement/Affordability, Affordability, OSG, CDBG, Nano and Small System AMP loans, the DEP Loan Origination Fee is waived.

NJIB Loan Origination Fee. For SFY2023, an NJIB Loan origination fee of 0.1% may be applied to only the NJIB loan amount to fund the costs of issuance associated with the bond sale and any such fee shall be uniformly applied to all Borrowers participating in the bond pool. This fee is financed as part of each Borrower's NJIB Loan and typically does not cover the entire costs of issuing new bond series, the remainder of which is subsidized by the I-Bank. Other than in refunded issues, the I-Bank pays any uncovered cost of financing from its NJEIT department's cash-on-hand.

The NJIB Annual Administrative Fee. The I-Bank will charge long-term SFY2023 Borrowers an administrative fee of 0.15% per annum on the total original loan amount. This fee will be uniformly applied annually to all Borrowers receiving loans in the SFY2023 Financing Program for the duration of each loan. Administrative fees collected from Borrowers of all financing program years may be utilized to fund the I-Bank's activities as enumerated in the SFY2023 operating budget (**Appendix E**), or provide loans, credit collateral, or match funds for the Program as appropriate or needed.

Security Research Fee. The I-Bank may charge non-governmental participants for any expenses incurred by or on behalf of the I-Bank in connection with evaluating the acceptability of any collateral provided as security for the I-Bank and Fund loans, regardless of whether the loan is actually closed. The I-Bank will not incur such expense without the prior notification to the potential Borrower.

Late Fee. To the extent any Borrower makes its Long-Term Loan repayment after the due date thereof (February 1 and August 1), the Borrower will be charged a late fee equal to the greater of 12% annualized or the Prime Rate plus 0.50% of the outstanding loan amount.

Event of Default Fees and Expenses. The Borrower is charged reasonable fees and other expenses incurred in the collection of repayments or any other sum due or the enforcement of the performance of any duties, covenants, obligations, or agreements of the Borrower under the loan agreements including attorney fees.

Engineering Costs. To the extent that the Water Bank utilizes consulting engineers for application review or construction management for a Borrower's project, the I-Bank may charge the costs thereof to the Borrower.

WIFIA Fees. The I-Bank may charge the costs and fees associated with securing WIFIA funds to Borrowers, where applicable.

Banking Facility Fees. The I-Bank may charge the cost and fees associated with securing a line of credit for Short-Term Loans to Borrowers, where applicable.

NJIB LONG-TERM BONDS

The Water Bank aggregates participants in a pooled financing to fund environmental infrastructure projects at a lower cost than independent financing. Cost savings are achieved by combining zero percent interest rate funds with funds at the I-Bank's AAA all-in market interest rate. Participating in the Water Bank Financing Program has historically resulted in Borrower savings between 25% and 40% of the cost of debt service relative to independent financing. Since the inception of the Water Bank Financing Program, Borrowers have saved in excess of $2.77 billion on $7.81 billion of long-term project financing.

Among the multiple benefits to Borrowers are better access to the high-quality debt market for smaller and lower-rated Borrowers, and lower financing and underwriting costs for all program participants. In addition, I-Bank loans eliminate the need for Borrowers to obtain bond insurance, manage arbitrage responsibilities, self-fund an initial five percent (5%) of the loan amount (in the case of municipal Borrowers), and reduce a number of other ancillary borrowing and reporting costs. Moreover, throughout the life of the bonds, the I-Bank monitors market conditions to assess when interest rates meet the I-Bank's savings threshold for refunding prior bonds and coordinates the sale of refunding issues. Net savings from bond refinancings are passed on to Borrowers. Through previous refinancings of its outstanding bonds the I-Bank has returned in excess of **$185** million in interest and principal cost savings to participating Borrowers.

Borrowers enter into two loan agreements for financing from the Water Bank; one with the I-Bank and one with the State, acting by and through the DEP. The loan agreements are drafted to reflect the differences between the security features for (i) G.O. Borrowers, (ii) revenue Borrowers and (iii) private water system Borrowers. However, the principal terms and conditions are conformed among the versions and permit a generic description of the terms and conditions. The discussion that follows represents the current expectations for the loan agreements under the SFY2023 NJEIFP and is based upon loan agreements with general obligation Borrowers. Although other agreement forms may be mentioned, not all the differences among the various agreements are presented. Likewise, not every condition appearing in the various loan agreements is described below. The I-Bank and the State reserve the right to include special items in individual loan agreements, conditions, and covenants unique to the circumstances of individual Borrowers, when necessary, even if not anticipated in this document. Additionally, Principal Forgiveness Loan agreements may contain additional representations and covenants that are not contained in the base loan agreements.

THE FINANCING DETAIL

The I-Bank determines long-term funding eligibility based upon completion of project construction as exhibited by submission of a final building requisition by each Borrower to the DEP prior to the established deadline for each bond sale. For projects that receive certification by the DEP without financing through a Short-Term Loan, requisitions must be presented quarterly throughout the construction process. In the circumstance where a Short-Term Loan has reached its maturity but has not met the construction completion threshold, upon certification by the DEP that the project needs additional time, a Long-Term Loan in an amount equal to the funds which have been requisitioned and disbursed prior to escrow closing will be issued and a Residual Loan will be issued for the remaining project costs for a term not to exceed three (3) years. If a Project's financing terms include Principal Forgiveness, such allocation shall be apportioned proportionately between the long-term closing of the original Short-Term Loan and the Residual Loan.

The I-Bank intends to issue multiple series of environmental infrastructure bonds during SFY2023. Tax-exempt, alternative minimum tax ("AMT") as well as taxable bonds, including WIFIA bonds, will be utilized as appropriate, and in accordance with IRS regulations, dependent upon interest rates and project type. The proceeds of the I-Bank bonds are utilized to repay the I-Bank portion of the Borrower's Short-Term Loan. If a project has any remaining unfinished costs at the time of bond closing, all remaining project funds will be deposited in the Borrower's account for future requisitions. I-Bank bonds also finance the underwriters' discount, a loan origination fee surcharge of 0.1% of the loan size for other costs of issuance, and half of the

DEP's administrative fee. Final maturity of the I-Bank issued bonds will not exceed 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.

All Water Bank Financing Program participants must issue a bond, note or other obligation to the I-Bank and the State to secure their loan repayment obligation to the I-Bank and the State, respectively. Participants must agree to complete the project and perform under the specific terms and covenants of the loan agreements.

New Bond Series will be Special Obligations of the I-Bank, secured primarily by:

i. The repayments of the Series Borrowers of the Series I-Bank Loans (which repayments are, in turn, collateralized by the bond, note or other obligation of each series Borrower issued to the I-Bank to secure the Series Borrower's obligation to make these repayments on time and in full);

ii. The repayments by the Series Borrowers of the companion Series State Fund Loans (which repayments are, in turn, collateralized by the bond of each Series Borrower issued to the State to secure the Series Borrower's obligation to make these repayments on time and in full);

iii. Certain of the repayments by those Borrowers in the Coverage Providing Financing Programs that have received Coverage Providing State Fund Loans that are held by the Master Program Trustee ("MPT") in accordance with the terms of the Master Program Trust Agreement ("MPTA");

iv. Money deposited in the Interest Subsidy Account, on behalf of certain Borrowers to cover a portion of the payments due on interest on certain bond series;

v. Money deposited in the Series Borrower Debt Service Reserve Funds, with respect to certain Authority Series Borrowers only;

vi. Moneys payable under the Series Borrower Service Agreements and the Series Government Borrower Guaranties, with respect to certain Authority Series Borrowers only; and

vii. Certain State-aid payable to certain of the Series Borrowers and certain participants of certain Authority Borrowers.

Neither the State nor any political subdivision thereof (other than the I-Bank, but solely to the extent of the applicable I-Bank environmental infrastructure trust estate) is obligated to pay the principal of or interest on the Series Bonds, and neither the faith and credit nor the taxing power of the State or any political subdivision thereof (the NJIB has no taxing power) is pledged to the payment of the principal of or interest on the NJIB Series Bonds.

Participants will be assigned to a loan pool, the basis of which may include their individual credit characteristics, effect on the bond pool's coverage, the terms and conditions of their own outstanding bond documents and the following considerations:

i. **I-Bank bond ratings** – Because of the cash flow structure of the Financing Program, most participants will be placed in a single uninsured pool for which the NJIB anticipates AAA/Aaa/AAA ratings from Fitch, Moody's, and Standard & Poor's, respectively.
ii. **The I-Bank's need to minimize transaction costs** – Assigning participants to various pools can minimize the complexity and cost of the bond issue.
iii. **Participants' need for insurance or other credit enhancement** – Some participants may be required to insure or obtain other credit enhancement with respect to the bonds they pledge to the I-Bank. This may include participants who do not have an investment grade rating of their own, who cannot obtain deficiency agreements, who have certain restrictions in their existing bond documents, or who are required to issue junior lien debt. At times, a specific Borrower that does not meet the Program's credit standards may need to request a waiver from the State Treasurer to satisfy such.

iv. **Federal tax law considerations** – AMT bonds, taxable bonds and varying construction draw schedules among participants may make it beneficial to pool certain participants together to comply with federal tax law.
v. **State law limitations** – Restrictions in certain State general obligation bond acts preclude the use of certain bond act moneys as security for private Borrowers.

Attached, as **Appendix D,** is a pro forma Bond Series based upon financing all of the projects on the long-term Project Eligibility List at once. However, as previously noted, the I-Bank intends to issue multiple bond series throughout SFY2023 with participation based upon each project's expected construction completion. Certain projects that do not meet the thresholds will be financed in future financing programs.

The NJIB Green Bonds. In SFY2022, the I-Bank will have issued four bond series as Green Bonds. Green Bonds are dedicated to financing projects that have positive environmental and/or climate benefits and appeal to a new and growing group of socially conscious investors.

i. In November of 2021, the I-Bank issued the $28.495 million of Environmental Infrastructure Bonds **Series 2021A-2** (Green Bonds) priced with an all in TIC of 2.96%;

ii. In May of 2022, the I-Bank intends to sell its Environmental Infrastructure Bonds **Series 2022 I-W1** (Taxable)(Green Bonds) and **Series 2022C-W1** (Taxable)(Green Bonds) to finance projects in the first tranche of the WIFIA Financing Program. The Series 2022 I-W1 will be issued and held by the I-Bank on parity with the Series 2022C-W1.

iii. In June of 2022, the I-Bank intends to sell its Environmental Infrastructure **Series 2022A-1** (Green Bonds) in June of 2022, the approximate amount of $64.575 million to finance projects in the SFY2022 Financing Program.

To date, including the Series 2021A-2, the I-Bank has financed 20 Green Bond Series totaling $535 million.

Attached as **Appendix H** are the I-Bank's Green Bond Reports identifying all projects financed or refinanced with the proceeds of Green Bonds and includes the remaining project proceeds, if any.

ESCROW CLOSING

Program participants receiving long-term financing must have all the necessary certifications, ordinances, resolutions, authorizations, bond counsel opinions and necessary financial covenants in place and deliver in escrow their loan agreements, as well as their bonds or collateral securing their repayment obligations, approximately two months prior to the I-Bank's bond sale. This process ensures, to the greatest extent possible, a smooth and efficient bond sale and closing. The I-Bank pledges these documents as collateral for issuance of its bonds to finance the I-Bank Loans. These documents are held in escrow until after bond sale and all conditions precedent to final closing have been met. At that time, the documents are released from escrow and final closing takes place concurrent with Borrower loan closing.

SALE OF NJIB BONDS

The I-Bank's enabling legislation allows the I-Bank to sell long-term bonds on either a competitive or negotiated basis. For each bond sale the I-Bank, in consultation with its professional advisors, will determine which bidding methodology to utilize, with the objective of producing the lowest true interest cost with the least execution risk for program Borrowers. It is anticipated that the I-Bank's SFY2023 bond sales will occur as Green Bonds in November 2022 and May 2023.

DISCLOSURE

Program participants are expected to provide, through completion of their FAF and certification of their data's accuracy, information necessary for disclosure in the I-Bank's Official Statements relating to the particular bond sale.

Rule 15c2-12 of the Securities and Exchange Commission requires that certain issuers provide information on an ongoing basis for use in the secondary bond market. Pursuant to Rule 15c2-12, the Water Bank Financing Programs are considered material "obligated persons." Accordingly, the I-Bank will make the appropriate secondary market disclosures for the SFY2023 Financing Program as it has for past Financing Programs. The I-Bank has developed a policy, consistent with Rule 15c2-12, to determine which individual Water Bank Borrowers will be required to provide ongoing secondary disclosure. Full disclosure will be required for pool participants determined to be "material obligated persons." Reduced disclosure will be required from the balance of the participants. It is not anticipated that the I-Bank will have any participating Borrowers in SFY2023 who meet this material obligated person standard.

UNDERFUNDED OR OVERFUNDED ALLOWABLE COSTS

Given the limited exceptions to the requirement that projects reach construction completion prior to advancing to long-term financing, it is not expected there will be bond proceeds for project costs upon conversion to long-term financing. However, in the event that any Borrower has project costs remaining upon conversion to long-term financing, the Long-Term Loan agreements establish a strict deadline for the submission of requisitions. Any funds remaining after this deadline shall be defeased or applied to debt service, (in the case of the I-Bank Loan) or shall be de-obligated (in the case of the DEP Loan), eliminating payments starting with the final maturity of the loan and moving backwards until the de-obligated amount is realized. A Borrower shall be responsible for paying all costs incurred by the I-Bank for a defeasance.

Disbursement of I-Bank Loan proceeds for any allowable project costs still outstanding during long-term financing will be made by the Trustee, acting as agent for the I-Bank, following receipt of authorization from the I-Bank based on a Borrower's certified requisitions. The DEP will make its corresponding loan disbursements also upon receipt of a Borrower's certified requisitions.

UNALLOWABLE COSTS

To provide assurance that projects will be financed and completed in their entirety, the I-Bank requires program participants to provide the unallowable portion of project costs either through bond issuance or cash by other means. Municipal or county Borrowers must either have cash available or bond ordinances and Local Finance Board approvals (if required) in place authorizing the borrowing of the necessary funds. Authorities and private drinking water systems must have cash-on-hand or the equivalent thereof prior to any disbursement of loan funds.

LOAN REPAYMENTS

Interest on each I-Bank Loan will be payable at least semi-annually and principal will be retired at least annually.

It is possible that nonprofit or private drinking water system Borrowers may be required to pay debt service on a monthly or quarterly basis. Payments are typically structured to provide level debt service payments after the construction period for the life of the loan. The aggregate of the individual participant's debt service schedules relating to their I-Bank loans cover the debt service of the I-Bank bonds, plus the I-Bank's annual administrative fee. Interest begins accruing on the I-Bank's Long-Term Loan component when the I-Bank Series Bond is closed.

For the rare project that is not complete upon conversion to long-term financing, a Borrower may have the option to capitalize interest and defer principal until construction is complete and the Residual Loan is converted to long-term financing. This option is diminished with the Water Bank's STLP requirement of construction completion to convert to long-term financing. In the event there is an opportunity, and a Borrower elects to capitalize interest on its Long-Term Loan during construction, any interest earned on bond proceeds in the Borrower's capitalized interest account will be credited against the amount owed for capitalized interest, thereby minimizing the interest costs on unutilized funds to the Borrower.

Participants make scheduled debt service payments on both their I-Bank and Fund loans with a single payment to a trustee. Each debt service payment is determined as follows provided that certain Borrowers could be required to make payments more frequently:

i. A level annual repayment schedule for I-Bank Loans with interest payable in semi-annual installments, and principal payable in annual installments;
ii. A level annual repayment schedule for Fund Loans at zero-interest, with principal payable in semi-annual installments;
iii. Semi-annual payment of one-half of the NJIB annual administrative fee;
iv. Payment of the remaining balance of the DEP Loan Origination Fee shall be paid with the first debt service payments;
v. If a debt service payment is not paid in full on a timely basis, a late fee equal to the greater of 12% per annum and the Prime Rate plus 0.50% to be charged on the outstanding balance of the loan, calculated, and charged daily from the due date until the debt service payment is paid in full;

In addition, the following shall apply:

a. The application of each NJIB Loan repayment pursuant to the terms set forth in each Indenture (typically to interest first, then principal);
b. Debt service payments to amortize principal must begin within one-year of the anticipated date of completion of construction;
c. If not complete at time of long-term financing, the anticipated project construction completion date must be established within three full fiscal years of the Long-Term Loan closing date.;
d. Tax-exempt Borrowers may capitalize interest for a period up to three years of the anticipated date of completion of construction but no more than 6 months from the scheduled date of completion of construction; and
e. AMT Borrowers may capitalize interest for a period up to three years of the anticipated date of completion of construction but no more than the payment date immediately preceding the anticipated date of completion of construction.

INVESTMENT OF PROJECT LOAN ACCOUNT PROCEEDS

All bond proceeds will be invested in accordance with the permissible investments as defined within the Bond Indenture. Given the limited dollar amount and brief time frame for submitting any requisitions allowable under the loan agreements, it is anticipated that all project funds will be held in money market funds to be available for requisition. However, if determined to be advantageous, the project account may be invested in State and Local Government Securities or other securities as allowed under the Bond Indenture. Securities will be procured on behalf of the I-Bank by its Investment Advisor through a competitive bid process.

FLOW OF REPAYMENTS

The Trustee receives the above noted repayments from the Borrower and within each pool: (1) satisfies the requirements to pay the bondholders; (2) deposits and disburses the collected administrative fees; and (3) once all bond principal and interest payments have been made in full, transfers the Fund Loan repayments to

the Master Program Trustee for deposit into the Master Program Trust Account ("MPTA"). The Master Program Trustee will hold these funds for one semi-annual bond payment period plus one day to provide coverage for the next bond payment due on all outstanding coverage receiving I-Bank environmental infrastructure bonds issued *(see below section entitled "Cross Coverage Between Series")*. Immediately following the second payment date upon which the Fund Loan repayment funds are available as security for bond principal and interest payments, the Master Program Trustee will transfer (i) such Fund Loan repayments and (ii) any interest earnings while invested by the Master Program Trustee to the State Treasurer for credit to the respective State CWSRF, DWSRF and non-SRF repayment accounts. Once deposited in the appropriate revolving fund accounts, these monies are available for the DEP to make future loans for CW and DW project purposes, respectively.

BORROWER CREDIT REQUIREMENTS

The I-Bank's Environmental Infrastructure bonds are secured by either a **G.O. pledge** to levy and collect taxes to pay debt service or a **Revenue Bond pledge** to raise rates to pay debt service. To participate in the Water Bank Program, all Borrowers must meet the creditworthiness criteria as set forth in the I-Bank's Credit Policy ("Policy") which was also adopted as the State's Credit Policy for the Water Bank Program. As detailed in the Policy, with few exceptions, Borrowers must have an investment grade rating from one of the three nationally recognized rating agencies (Fitch Ratings, Moody's Investors Service, and Standard & Poor's Rating Services). For certain Borrowers, the I-Bank may require that the applicant meet certain liquidity, leverage, and cash flow metrics, fund a Renewal & Replacement Account, contribute to a reserve fund and/or Loan Loss Reserve Fund. Additional information regarding the Policy may be obtained on the I-Bank's website at: https://cdn.njib.gov/njib/policies/Amended_and_Restated_Credit_Policy-202010.pdf

CREDIT STRUCTURE AND RATING OF I-BANK BONDS

The I-Bank's MPTA credit structure has produced AAA/Aaa/AAA bond ratings from all three rating agencies (Fitch, Moody's, and Standard & Poor's) for each series of I-Bank bonds issued since 1995 minimizing costs for the participants in the Financing Program. The credit structure for the I-Bank's bonds is created through provisions in the bond documents, loan agreements and related support agreements executed by the participants. The availability of Fund Loan repayments associated with the outstanding 2000 through 2021 I-Bank Environmental Infrastructure Bond issues, as well as subsequent I-Bank Environmental Infrastructure Bonds, to cross collateralize, on a subordinated basis, all or a portion of future I-Bank Environmental Infrastructure Bond issues so designated, reduces the risk of default on the I-Bank environmental infrastructure bonds by increasing the likelihood that sufficient funds will be available to pay debt service on those bonds.

As noted above, the credit quality of each issue of I-Bank Environmental Infrastructure Bonds is enhanced by the fact that Fund Loan repayments from all Borrowers, including cross-collateralization of repayments of CW and DW Fund Loans, are available to make debt service payments on any I-Bank Environmental Infrastructure Bonds in the event of an I-Bank Environmental Infrastructure Bond debt service payment deficiency by one or more Borrowers in a given pool. Notwithstanding the foregoing, to the extent Fund loan repayments are received in connection with Fund loans originally funded by State general obligation bond proceeds, these Fund Loan repayments may not be available to secure NJIB Environmental Infrastructure Loans made to private drinking water systems. The State's cross collateralization involves only a temporary use of funds from the CWSRF or the DWSRF. If a default in loan repayment does occur, the I-Bank and the DEP would take steps to collect the defaulted loan repayments to reimburse the appropriate DW or CW Fund.

Since the I-Bank began using this technique of collateral security, it has not been necessary to use the Fund Loan repayments for this purpose. It is important to note that, notwithstanding such subordination, any Borrower that has made its I-Bank or Fund Loan payments has fully discharged its obligation to make such payment. To date, I-Bank Bonds have never suffered a payment default.

STATE-AID INTERCEPT

I-Bank bonds are also secured by the intercept of State-aid payable to all municipal participants and the municipalities underlying those Authority participants that have executed deficiency agreements with such underlying municipalities. If a participant fails to make full and timely debt service payments to the I-Bank, the State-aid intercept mechanism authorized in the I-Bank's enabling statute may be triggered and State-aid may be diverted from the participant, or an underlying municipality of the participant, to the bond trustee to pay debt service to the bondholders.

The model for this approach is the State's Municipal Qualified Bond Program, which has been used by the State's lower rated Borrowers. Much of the revenue securing Qualified Bonds issued by participants in the Municipal Qualified Bond Program can be intercepted by the I-Bank as well. The State's experience with the Municipal Qualified Bond Program indicates that the State aid intercept can raise the ratings on bonds issued by lower rated credit Borrowers to typically one step below the State’s rating.

The intercept under the NJIB Program is subordinate to the intercept securing bonds issued under the Municipal Qualified Bond Program. Should participants in the Financing Program have outstanding Municipal Qualified Bonds, financing documents will include covenants requiring that the coverage ratio of debt service by State aid be calculated by including those bonds as well as both Financing Program loans. This will mitigate the adverse effect of the senior claim on the State aid of those Qualified Bonds.

The I-Bank and/or the State may take other actions to cause the local government unit to repay, in a timely manner, any sums in default. To date, the Financing Program has never needed to employ its State aid intercept powers.

COVENANTS AFFECTING THE LOCAL UNIT

The loan agreements are legally valid and binding obligations between the Borrower and the I-Bank and the State and the Borrower. The local unit bonds or approved collateral are legally valid and binding obligations of the municipal government, authority, or private water system.

Consequently, each Borrower must be able to make unequivocal representations concerning its status in the transaction. Ordinances and resolutions of the governing body must be in place, and proper public notice given to establish that the Borrower has the legal right and authority to undertake the specific project, and own, efficiently operate and appropriately maintain an environmental infrastructure system. All applicable permits and approvals for construction must be obtained as a precondition for execution of the agreements and the local unit bonds. The Borrower will need to certify that no undisclosed fact or event, and no pending litigation, will materially adversely affect the environmental infrastructure system, the ability to make timely loan repayments in full, or the prospects for completion of the project. A reasonable and accurate estimate of project costs compiled by a New Jersey licensed professional engineer will be required.

Other covenants include:

i. For a G.O. Borrower, a pledge of full faith and credit to exercise the unlimited *ad valorem* taxing power of the local government to insure the timely repayment, in full of debt service principal and interest;

ii. The intercept of State aid payable to a G.O. Borrower who fails to meet I-Bank Loan repayment and/or administrative fee payment schedules; or

iii. For a Revenue Borrower, an irrevocable pledge of (1) local or regional authority or private water system revenues and other receipts of the environmental infrastructure system, (2) moneys payable pursuant to service agreements or local unit bond credit enhancement, if any, and (3) State aid of municipalities, if any, which have executed deficiency agreements with the Borrower, to secure its loan repayments on time and in full;

iv. The establishment of levies, fees, or rates sufficient to meet operating and maintenance expenses (particularly with authority/privately owned drinking water system Borrowers), to comply with all outstanding covenants relating to bonds or other evidence of indebtedness, and to pay other amounts due;

v. A limitation on the Borrower's discretion to issue Qualified Bonds unless the coverage afforded by State aid anticipated for the current fiscal year is equal to a reasonable coverage test, which test in the past has been the annual debt service on all outstanding Qualified Bonds divided by the annual funds available for these payments pursuant to the Qualified Bond Act must not exceed 0.80;

vi. A limitation on the use of loan proceeds to only finance allowable costs of the project which are funded by the loan;

vii. A limitation on the Borrower's discretion to sell, lease, abandon or otherwise dispose of the environmental infrastructure system without (i) an effective assignment of the Borrower's loan obligations, (ii) the prior written approval of each the I-Bank and the State, and (iii) an opinion from the I-Bank's bond counsel that such sale, lease, etc. will not have an adverse impact on either the security for the I-Bank's bonds or the tax-exempt status of the I-Bank's bonds;

viii. A prohibition on actions that may jeopardize the tax status of the bonds issued by the I-Bank and, where appropriate, the State;

ix. A provision to provide secondary market disclosure information in accordance with the provisions of SEC Rule 15c2-12 and the policy established by the I-Bank, if required under the Rule; and

x. The I-Bank and the State may impose additional covenants on PFLs Borrowers in order to ensure compliance provisions unique to the FFY2022 USEPA Capitalization Grants.

TERMS OF PREPAYMENT

The Long-Term Loan agreements may provide Borrowers with an option to prepay loan obligations without penalty. Prepayment of either the I-Bank or Fund Loan requires a 90-day written notice to the both the I-Bank and the DEP and a written approval response from each thereof. I-Bank Loan prepayments, at a minimum, must take out accrued interest (if applicable), any premium, and principal through the prospective payment date for which the prepayment is to be credited. Since the I-Bank and the DEP combine funds for the financing of a project's eligible costs, the prepayment of any I-Bank Loan must be accompanied by a corresponding pro-rata prepayment on the State Loan. The Borrower is responsible for paying all the costs of the I-Bank and the DEP associated with any prepayments. In addition, whether or not prepayment is involved, any modification of the local government bonds securing the I-Bank Loan and the Fund Loan requires prior approval of the I-Bank and the DEP, respectively.

DEFAULT

The loan agreements define an event of default ("EOD") as:

1. the failure by the Borrower to make a loan repayment in full when due;
2. the failure by the Borrower to make timely payment of an administrative fee on the I-Bank or Fund Loan or to observe and perform any duty, covenant, obligation, or agreement to be observed or performed under the loan agreements which failure continues for 30 days after written notice is given;
3. any representation by the Borrower contained in the loan agreements is false or misleading in any material respect;
4. the general failure of the Borrower to pay its debts as such debts become due, including any outstanding loan or bond debt service payments, in full and on time; and

5. the filing by or against a Borrower of any petition as to bankruptcy or insolvency;

With respect to the EODs specified in (2) and (6), the Trustee may be authorized to provide relief for up to 30 days if the Borrower can represent that the failure to pay, observe or perform is correctable within that time frame. In addition, default may be averted if a petition of bankruptcy or insolvency is dismissed without prospects for appeal.

In an event of payment default, the I-Bank and/or State may accelerate the I-Bank and State loans and in the event of any default, the I-Bank and/or the State may elect to take whatever action of law or equity is necessary to recover the deficiencies manifested by the default or direct the Trustee (in the case of I-Bank Loans) to pursue these remedies.

Recovered funds may be applied in the following order. In instances where MPT funds have been utilized to meet the obligations below, recovered funds will be applied back to the MPT:

1. To pay the fees for attorneys and other expenses incurred by virtue of the proceedings;
2. For interest payable on the I-Bank Loan obligation;
3. For principal payable on the I-Bank Loan obligation;
4. For other amounts due and payable to the I-Bank;
5. For interest, principal, and other amounts due the I-Bank as the obligations become due and payable in accordance with the terms of the loan agreement; and
6. For principal and other amounts due the State for the Fund Loan obligation and for other amounts due and payable to the State.

ASSIGNMENT OF OBLIGATIONS

Each participant will acknowledge that all rights, title, and interest of the I-Bank in the agreement and the local unit bond or other approved collateral are, except for certain reserved rights, assigned by the I-Bank, at its discretion, to the Trustee. Further, each participant will consent to any transfer of the loans deemed necessary by the I-Bank for any refunding or additional debt issuance in connection with the Water Bank.

A participant will be restrained from assigning its debt service obligation on its own bond or any other obligations under the agreement unless certain conditions are met. Prior written approval of the I-Bank and the Trustee must be secured for both the I-Bank and Fund Loans. In addition, the DEP must provide prior written approval for assignment of Fund Loans. The assignee must have expressly represented in writing its full and faithful observance of the covenants assumed; and the assignee cannot be, at the time of the assignment or as a result of the assignment, in default on any obligations that would materially affect the loan agreement or the local unit bond. Finally, the I-Bank must receive an opinion from bond counsel assuring that the terms of the assignment preserve the tax-exempt status of the I-Bank bonds, and in addition, <u>will not have an adverse impact</u> on the security for the I-Bank's bonds.

This Page Intentionally Left Blank

APPENDICES

State Fiscal Year 2023 Appropriations (Eligibility) List	A
Distribution of Long-Term Financing Program Funds, by County	B
Status of Open Projects	C
Pro Forma Aggregate NJIB/Fund Financing for Allowable Project Costs	D
SFY2023 Operating Budget	E
[Reserved]	F
[Reserved]	G
Updated Green Bond Report NJEIT Series 2015A-2	H1
Updated Green Bond Report NJEIT Series 2016A-1	H2
Updated Green Bond Report NJEIT Series 2016A-2	H3
Updated Green Bond Report NJEIT Series 2017A-1	H4
Updated Green Bond Report NJEIT Series 2017A-2	H5
Updated Green Bond Report NJEIT Series 2017 AR-2	H6
Updated Green Bond Report NJEIT Series 2018A-1	H7
Updated Green Bond Report NJEIT Series 2018B-1	H8
Updated Green Bond Report NJEIT Series 2018A-2	H9
Updated Green Bond Report NJEIT Series 2019A-1	H10
Updated Green Bond Report NJEIT Series 2020A-1	H11
Updated Green Bond Report NJEIT Series 2020AR-1	H12
Updated Green Bond Report NJEIT Series 2021A-1	H13
Updated Green Bond Report NJEIT Series 2021A-2	H14

APPENDIX A

State Fiscal Year 2023 Appropriations (Eligibility) List

Alphabetical Order

Residual/Supplemental Clean Water Projects

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
N/A	Camden County Municipal Utilities Authority	S340640-18R		$7,500,000	$10,000,000	Phase I Upgrades - Improve/Sustain Optimal Wastewater Performance
N/A	Clinton Town	S340924-07R		$600,000	$800,000	System-Wide Customer Meter Replacement
N/A	Hoboken City	S340635-06R		$24,750,000	$33,000,000	CSO - Acquisition, Remediation, & Construction on 6 Acre Park & Outfall
N/A	Jersey City Municipal Utilities Authority	S340928-15R		$2,625,000	$3,500,000	Phase 3 & 4 Sewer Improvements
N/A	Newark City	S340815-24R		$15,750,000	$21,000,000	CSO - Structural eval & Rehab of 350 miles of small diameter sewers
N/A	North Bergen Municipal Utilities Authority	S340652-14R		$6,150,000	$8,200,000	Woodcliff Additional Improvements
N/A	Ocean Township. Sewer Authority	S340750-14R		$750,000	$1,000,000	Asbury Avenue and Longview Pump Stations Rehabilitation
N/A	Passaic Valley Sewerage Commission	S340689-40R		$1,125,000	$1,500,000	Plant wide Replacement & Relocation of Electrical Switchgear and MCCs
N/A	Plumsted Township	S340607-03R		$7,500,000	$10,000,000	Advanced WW treatment & collection system
N/A	Rockaway Valley Regional Sewer Authority	S340821-07R		$2,250,000	$3,000,000	Rehab & enhancement of four existing final clarifiers
N/A	Paterson City	S340850-03-1		$1,912,500	$2,550,000	Change Order 2 CSO 029 Solids and Floatables Control
N/A	Somerville Borough	S342013-01-1		$1,387,500	$1,850,000	Green Seam Phase II Ground Water Treatment
	Total Projects #: 12			**$72,300,000**	**$96,400,000**	

Residual/Supplemental Drinking Water Projects

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
N/A	National Park Borough	0812001-004R		$750,000	$1,000,000	Replacement of Wells 5 & 6
N/A	Newark City	0714001-016R		$2,250,000	$3,000,000	Pequannock Water Treatment Plant Rehab
N/A	North Jersey District WSC	1613001-025R	X	$19,125,000	$25,500,000	Recycle Clear Phase to the Head of the Treatment Plant
	Total Projects #: 3			**$22,125,000**	**$29,500,000**	

Super Storm Sandy and State Fiscal Year 2023 Clean Water Project Eligibility List

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
175	Allentown Borough	S340567-05		$3,825,000	$5,100,000	Allentown Borough Wastewater Treatment Plant Modifications
889	Atlantic City Municipal Utilities Authority	S340439-04		$2,300,000	$3,066,667	Water Meter and MTU Replacement
299	Atlantic County Utilities Authority	S340809-30		$7,575,000	$10,100,000	Ventnor-Margate Forcemain Replacement - Phase 1
51	Bayonne City	S340399-31		$3,750,000	$5,000,000	Stormwater Facilities And Francis G. Fitzpatrick Park Improvements
139	Bergen County Utilities Authority	S340386-21		$5,700,000	$7,600,000	Final Settling Tanks Improvements
139	Bergen County Utilities Authority	S340386-23		$14,025,000	$18,700,000	Sludge Digester Improvements
340	Berkeley Township Sewer Authority	S340969-14		$2,625,000	$3,500,000	Bayview Ave. Force Main Replacement
922	Bloomfield Township	S340516-01		$5,423,228	$7,230,970	Water Meter Replacement (FKA DW)
479	Borough of Wenonah	S340531-01		$997,500	$1,330,000	Sanitary Sewer Collection System Asset Management and System Improvements
927	Brick Township Municipal Utilities Authority	S340448-14		$1,500,000	$2,000,000	Meter Replacement - Phase II
915	Burlington City	S340140-02		$1,950,000	$2,600,000	Meter Replacement (FKA DW Meter replacement & Filter rehab)
363	Burlington Township	S340712-17		$750,000	$1,000,000	Sanitary Sewer Rehabilitation in Various Locations
29	Camden City	S340366-15		$9,997,500	$13,330,000	CSO - Rehabilitation of Combined Sewer Outfalls and Regulator Chambers
4	Camden County Municipal Utilities Authority	S340640-20		$2,250,000	$3,000,000	Construction of several green infrastructure projects in Camden City
605	Camden County Municipal Utilities Authority	S340640-26		$21,150,000	$28,200,000	Newton Creek Dredging and Erosion Control
8	Camden County Municipal Utilities Authority	S345040-01		$1,035,000	$1,380,000	CSO - Camden City and Gloucester City Long Term CSO Control Plan
264	Delran Township	S340794-10		$1,575,000	$2,100,000	Clay Street Pump Station Improvements
48	Elizabeth City	S345070-01		$3,000,001	$4,000,001	CSO - City of Elizabeth Combined Sewer Overflow Long Term Control Plan
435	Emerson Borough	S340497-01		$75,000	$100,000	Small System Asset Management Plan
435	Emerson Borough	S340497-02		$337,500	$450,000	Cindy Lane Pump Station Improvement
181	Evesham Municipal Utilities Authority	S340838-09		$375,000	$500,000	Elmwood WWTP Resiliency Improvements
324	Franklin Township Sewer Authority	S340839-09		$5,625,000	$7,500,000	Marcy Street Sanitary Sewer Rehab
161	Gloucester County Utilities Authority	S340902-15		$8,625,000	$11,500,000	Combined Heat & Power
712	Gloucester Township	S340364-11		$712,500	$950,000	Flood Mitigation (SANDY)
712	Gloucester Township	S340364-15		$1,087,500	$1,450,000	Stormwater Improvements
106	Hackensack City	S340923-13		$11,400,000	$15,200,000	The Long Term Control Plan and CSO Sewer Separation Efforts (Phase 3)
106	Hackensack City	S340923-14		$6,000,000	$8,000,000	Sewer Separation to Support Main Street Redevelopment
434	Haddon Heights Borough	S340877-02		$82,500	$110,000	Sanitary Sewer System Asset Management Plan
469	Hamburg Borough	S340149-03		$75,000	$100,000	Sanitary Sewer System Asset Management Plan
78	Hoboken City	S340635-09		$375,000	$500,000	ROW Green Infrastructure adjacent to Water Mains
265	Hopatcong Borough	S340488-07		$60,000	$80,000	Sanitary Sewer System Asset Management Plan
384	Hopewell Township	S340282-03		$1,230,000	$1,640,000	Sanitary Sewer System Asset Management Plan - Sewer Rehabilitation Projects
46	Jersey City Municipal Utilities Authority	S340928-21		$9,750,000	$13,000,000	CSO - Sewer Pipe Replacement / Phase V CSO Study
46	Jersey City Municipal Utilities Authority	S340928-24	X	$81,000,000	$108,000,000	Phase 1/2 Sewer Rehabilitation
142	Linden Roselle Sewer Authority	S340299-08		$20,250,000	$27,000,000	2019 Capital Improvements Projects
683	Little Egg Harbor Township	S340579-04		$1,530,000	$2,040,000	Mystic Island Drainage Improvements - Phase 2
137	Logan Township Municipal Utilities Authority	S340123-02		$9,000,000	$12,000,000	Effluent Force Main Replacement Project
470	Long Beach Township	S340023-07		$3,450,000	$4,600,000	Sewer Main Replacement Project
245	Long Branch Sewer Authority	S340336-09		$4,200,000	$5,600,000	Capital Improvements Projects - Collection System
62	Long Branch Sewerage Authority	S340336-08		$1,305,525	$1,740,700	2018 Capital Improvements Projects - Wastewater Treatment Plant
650	Lower Township Municipal Utilities Authority	S340810-05		$22,500,000	$30,000,000	LTMUA Collection System Expansion
659	Mantua Township Municipal Utilities Authority	S340514-02		$1,687,500	$2,250,000	Barnsboro Sewer Extension
393	Mantua Township Municipal Utilities Authority	S340514-03		$1,012,500	$1,350,000	Royal Oaks Sewer Pump Station
461	Medford Lakes Borough	S340319-03		$8,250,000	$11,000,000	Collection System Lining Improvements
463	Mendham Borough	S340159-03		$2,400,000	$3,200,000	Collection System Improvements
397	Middlesex Borough	S340698-03		$900,000	$1,200,000	Middlesex Borough Rehabilitation of Sanitary Sewers Phase II (Greenbrook Rd. and Louis Ave. Pump Stations)
555	Montville Township	S340931-04		$2,625,000	$3,500,000	Old Lane Sewer Project
452	Mount Arlington Borough	S340451-05		$159,589	$212,785	Wastewater System Asset Management Plan
80	Mount Laurel Township Municipal Utilities Authority	S340943-06		$6,000,000	$8,000,000	Sewer System Improvement Project (Bundle 1)
1	Musconetcong Sewer Authority	S340384-09		$4,650,000	$6,200,000	Wastewater Treatment Plant Improvements
229	New Jersey Water Supply Authority	S340421-02		$71,250,000	$95,000,000	Round Valley Reservoir Structures Refurb and Resource Preservation
427	North Haledon Borough	S340229-01		$765,771	$1,021,028	Pump Station Rehabilitation
426	North Haledon Borough	S340229-02		$75,000	$100,000	Small System Asset Management Plan
95	North Hudson Sewer Authority	S345190-01		$4,500,000	$6,000,000	Combined Sewer Long Term Control Plan
792	North Hudson Sewer Authority	S340952-36		$675,000	$900,000	2019 Equipment Purchases
95	North Hudson Sewer Authority	S340952-31		$675,000	$900,000	Green Infrastructure
94	North Hudson Sewer Authority	S340952-33		$20,250,000	$27,000,000	H6/H7 Long Term Control Plan Project
91	North Hudson Sewer Authority	S340952-34		$900,000	$1,200,000	Collection System Improvements
96	North Hudson Sewer Authority	S340952-38		$1,013,400	$1,351,200	W1234 Outfall Emergency Repair
751	Northfield City	S340508-02		$112,500	$150,000	Vactor Truck Purchase
315	Northwest Bergen County Utilities Authority	S340700-19		$6,099,338	$8,132,450	Interceptor System Rehabilitation

APPENDIX A - Alphabetical Order

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
68	Ocean County Utilities Authority	S340372-63		$1,650,000	$2,200,000	NWPCF Solids Handling Facility Roof Replacement
330	Parsippany Troy Hills Township	S340886-05		$8,800,125	$11,733,500	Pump Station No. 4 Sanitary Sewer Redirection Project
119	Passaic Valley Sewerage Commission	S340689-37	X	$91,125,000	$121,500,000	CSO - Substation "M" Replacement (SAIL)
497	Passaic Valley Sewerage Commission	S340689-45		$7,657,577	$10,210,102	Sludge Storage Improvements
148	Passaic Valley Sewerage Commission	S340689-50		$6,600,000	$8,800,000	Improvements to the Vehicle Maintenance Building
122	Passaic Valley Sewerage Commission	S345200-01		$7,125,000	$9,500,000	Combined Sewer Overflow Long Term Control Planning
403	Pennsville Sewer Authority	S340870-04		$1,200,000	$1,600,000	Pumping Station No. 3 Force Main Replacement
130	Pennsville Sewerage Authority	S340870-05		$3,000,000	$4,000,000	Wastewater Treatment Plant Improvements
103	Perth Amboy City	S345220-01		$750,000	$1,000,000	CSO - Permit Development of Long Term Control Plan
404	Red Bank Borough	S340528-01		$3,375,000	$4,500,000	White Street Water & Sewer Improvements
210	Rockaway Valley Regional Sewer Authority	S340821-08		$11,625,000	$15,500,000	Various Upgrades for compliance with effluent limitation
197	Rutgers, The State University of New Jersey	S340500-01		$28,125,000	$37,500,000	Busch Cogeneration Plant Upgrade
361	Scotch Plains Township	S340512-01		$2,025,000	$2,700,000	Sewer Pump Station Upgrades
488	Seaside Park Borough	S340083-04		$3,000,000	$4,000,000	Phase III A Sanitary Sewer Replacement
946	Ship Bottom Borough	S340311-04		$2,062,500	$2,750,000	Residential Water Meter Project
490	Ship Bottom Borough	S340311-05		$3,750,000	$5,000,000	Sewer Main Replacement Project
754	Spotswood Borough	S340510-01		$4,070,250	$5,427,000	Stormwater Management and Sanitary Sewer Improvements
249	Stafford Township	S340946-08		$2,625,000	$3,500,000	Beach Haven West Sanitary Sewer Replacement Phase III
249	Stafford Township	S340946-07		$3,750,000	$5,000,000	Beach Haven West Sewer Rehab
176	Stony Brook Regional Sewer Authority	S340400-11		$16,500,000	$22,000,000	Wastewater Treatment Plant UV Disinfection and Effluent Filtration
818	Sussex County Municipal Utilities Authority	S342008-04		$8,250,000	$11,000,000	SCMUA Leachate Pump Station/Force Main Construction
907	Sussex County Municipal Utilities Authority	S342008-06		$32,250,000	$43,000,000	Landfill Life Stage 2 Expansion/Infrastructure Relocation Project
308	Toms River Municipal Utilities Authority	S340145-08		$1,018,800	$1,358,400	Equipment Purchase
274	Tuckerton Borough	S340034-05		$2,475,000	$3,300,000	Curlew Rd., Kingfisher Rd. and Bass Rd. Sanitary Sewer System Rehabilitation
312	Two Rivers Water Reclamation Authority	S340117-09		$3,150,000	$4,200,000	Interceptor and Pump Station Improvements
317	Two Rivers Water Reclamation Authority	S340117-10		$2,475,000	$3,300,000	New Main Pump Station - Planning & Design
936	University Hospital	S340500-03		$5,850,000	$7,800,000	University Hospital Co Generation Plant
261	Vernon Township	S340745-03		$1,875,000	$2,500,000	Vernon Township Asset Management Assessment and Plan
221	Wildwood City	S340664-06		$11,784,758	$15,713,010	2019 Capital Improvements
201	Willingboro Municipal Utilities Authority	S340132-09		$6,750,000	$9,000,000	Installation of Screening and Grit Removal Equipment
918	Willingboro Municipal Utilities Authority	S340132-11		$7,500,000	$10,000,000	Water Meter Infrastructure Project
	Total Projects #: 92			**$704,668,360**	**$939,557,813**	

Super Storm Sandy and State Fiscal Year 2023 Drinking Water Project Eligibility List

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
227	Allentown Borough	1302001-004		$1,746,720	$2,328,960	Water Treatment Plant Improvements
18	Bloomfield Township	0702001-003		$823,796	$1,098,395	Lead Service Line Replacement
315	Brick Township Municipal Utilities Authority	1506001-009	X	$4,446,570	$5,928,760	Breton Woods Water Main Replacement - Phase I
53	Brick Township Municipal Utilities Authority	1506001-011	X	$15,667,500	$20,890,000	Granular Activated Carbon Treatment Addition
234	Brick Township Municipal Utilities Authority	1506001-008		$4,912,500	$6,550,000	Undersized Water Main Replacement Cedar Park East and West
113	Brick Township Municipal Utilities Authority	1506001-014		$2,700,000	$3,600,000	Water Main Replacement on Cartagena Drive, Alhama Drive, Cadiz Drive, Valencia Drive and Monterey Drive
196	Clinton Town	1005001-010	X	$1,320,000	$2,640,000	West Main Street Water Main Replacement Project
399	Clinton Town	1005001-012		$2,625,000	$3,500,000	WQAA Implementation - Water Infrastructure Audit and Upgrades
471	Clinton Town	1005001-013		$2,250,000	$3,000,000	Foster Wheeler Booster Pump Station Modifications - AMP
74	East Greenwich	0803001-004	X	$1,950,000	$2,600,000	Installation of Filtration System at Well #3
54	East Orange City	0705001-014	X	$24,750,000	$33,000,000	Water System Improvement and Resiliency Project 2017
419	Farmingdale Borough	1314001-002		$680,250	$907,000	Painting and repairs to water tower and other misc. system improvements
199	Glen Ridge Borough	0708001-008		$2,025,000	$2,700,000	Replace Lead Service Line / Hydrants & Water System AMP
645	Highbridge Borough	1014001-001		$75,000	$100,000	Asset Management Plan for the High Bridge Water System
60	Highbridge Borough	1014001-004		$1,108,404	$1,477,872	Bunnvale Well and West Main Street Water Main Upgrades
155	Hightstown Borough	1104001-009		$712,500	$950,000	Water Tank Painting & Repairs
188	Hoboken City	0905001-002		$6,000,000	$8,000,000	Water Main Upgrades
169	Jersey City Municipal Utilities Authority	0906001-009	X	$3,750,000	$5,000,000	Burma Road Area Water System Improvements
231	Jersey City Municipal Utilities Authority	0906001-015	X	$2,691,950	$3,589,266	Van Winkle Ave. Water Main Replacement
77	Jersey City Municipal Utilities Authority	0906001-017		$1,305,180	$1,740,240	Boonton Plant Centrifuge
99	Jersey City Municipal Utilities Authority	0906001-019	X	$5,025,000	$6,700,000	Route 139 Water Main Replacement Project
214	Jersey City Municipal Utilities Authority	0906001-020	X	$4,965,000	$6,620,000	Phase 3 and 4 Water Main Replacement Project
214	Jersey City Municipal Utilities Authority	0906001-021	X	$8,250,000	$11,000,000	Phase 5 Water Mains
160	Jersey City Municipal Utilities Authority	0906001-025	X	$24,000,000	$32,000,000	Phase 1 & 2 Water Main Replacement Project
75	Lakeshore Company	1413001-001		$375,000	$500,000	Lakeshore Water - New Well Treatment
279	Middlesex Water Company	1225001-025	X	$42,750,000	$57,000,000	Western Transmission Main
184	Middlesex Water Company	1225001-028	X	$8,400,000	$11,200,000	Renew 2018 - Woodbridge Twp.
45	Moorestown Township	0322001-001	X	$18,468,750	$24,625,000	North Church Street Water Treatment Plant Upgrade
503	Mount Arlington Borough	1426005-001		$165,836	$250,285	Mount Arlington Asset Management Plan
35	National Park Borough	0812001-005		$1,350,000	$1,800,000	Addition of PFOS Treatment at Existing Water Plant
94	Newark City	0714001-018	X	$3,862,500	$5,150,000	Replacement of Water Distribution Mains
6	Newark City	0714001-019	X	$9,375,000	$12,500,000	Phase-1 Lead Service Line Replacement (LSLR)
4	Newark City	0714001-020	X	$13,125,000	$17,500,000	Phase-2 Lead Service Line Replacement (LSLR) Project
9	Newark City	0714001-021		$67,500,000	$90,000,000	Phase -3 Lead Service Line Replacement (LSLR) Project
19	NJ American Water Company, Incorporated	1345001-017	X	$7,575,000	$10,100,000	Oak Street Treatment Plant Improvements
109	NJ American Water Company, Incorporated	1345001-021	X	$19,758,750	$26,345,000	Swimming River WTP 2nd Clearwell
83	NJ American Water Company, Incorporated	2004002-012		$15,000,000	$20,000,000	NJ American Water Lead Service Line Replacement Program
439	NJ American Water Company, Incorporated	2004002-013	X	$12,000,000	$16,000,000	RM WTP Emergency Generator
186	Old Bridge Municipal Utilities Authority	1209002-005		$2,025,000	$2,700,000	Laurence Harbor Water System Upgrade, Phase 1
12	Orange City	0717001-013		$525,000	$700,000	Well 5 Rehabilitation Project
164	Perth Amboy City	1216001-010		$1,238,649	$1,651,532	The Painting of the Backwash Tank and Stand Pipe Project
198	Point Pleasant Borough	1525001-002		$2,100,000	$2,800,000	Ocean Avenue Water Main Replacement
423	Roosevelt Borough	1341001-007		$750,000	$1,000,000	Homestead, Cedar and Elm Water Mains Project.
104	Seaside Park Borough	1527001-004		$1,125,000	$1,500,000	Well 10 Treatment Facility
220	Ship Bottom Borough	1528001-003		$7,500,000	$10,000,000	Water Treatment Plant Reconstruction
353	Ship Bottom Borough	1528001-004		$3,150,000	$4,200,000	Water Main Replacement Project
197	Spotswood Borough	1224001-001	X	$2,582,936	$3,443,914	Cleaning and lining of approximately 3,600 LF of water mains
23	Trenton City	1111001-005		$179,250,000	$239,000,000	5-year Lead Service Line Replacement & Verification Project
5	Trenton City	1111001-011	X	$15,255,000	$20,340,000	Lead Service Line Replacement
212	Tuckerton Borough	1532002-007		$1,275,000	$1,700,000	Water Main Replacement and Well #3 & #4 Rehabilitation/ Repairs
100	Wildwood City	0514001-006	X	$4,637,403	$6,183,204	2019 Capital Improvements
495	Winslow Township	0436007-010		$2,868,750	$3,825,000	Well #2 Filter Plant Upgrade
91	Woodbine Borough	0516001-001	X	$3,750,000	$5,000,000	WTP Upgrade and water main extension
	Total Projects #: 53			**$571,518,944**	**$762,934,428**	

APPENDIX A - Alphabetical Order

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description

Potential Spring '22 Bond Sale Participants

(Note, if a project is included in the May 2022 Bond Sale, the project will drop off this SFY2023 list)

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
314	Brick Township Municipal Utilities Authority	S340448-11		$4,275,000	$5,700,000	Wastewater Pump Station Rehabilitation - Phase II
477	Brielle Borough	1308001-004		$1,845,000	$2,460,000	Brielle Drinking Water Storage Tank Project
512	Brielle Borough	1308001-005		$3,375,000	$4,500,000	Old Bridge Road Elevated Water Storage Tank
457	Buena Borough Municipal Utilities Authority	S340518-06		$1,125,000	$1,500,000	Upgrades to Sanitary Sewer Pump Stations #1, 2 & 3
50	Camden County Municipal Utilities Authority	S340640-13		$9,600,000	$12,800,000	Delaware #1 Pump Upgrades
296	Camden County Municipal Utilities Authority	S340640-28		$5,625,000	$7,500,000	Emergency Rehab/Replacement of the CCMUA Berlin Twp. Force Main
362	Carteret Borough	S340939-10		$4,950,000	$6,600,000	Roosevelt Pump Station and Bergen Street Pump Station Upgrades
216	Chatham (MCJM) Borough	S340715-07A		$5,466,885	$7,289,180	Facility Improvements 2018
801	Clinton Town	S340924-07		$600,000	$800,000	Town of Clinton System-Wide Customer Meter Replacement
153	Clinton Town	S340924-08		$3,075,000	$4,100,000	WWTP Filter and Residuals Building Improvement Project
48	Elizabeth City	S340942-17		$4,875,000	$6,500,000	South Street Flood Control Project
324	Franklin Township Sewer Authority	S340839-08		$3,150,000	$4,200,000	Hamilton St. Pumping Station
606	Hamburg Borough	1909001-001		$63,750	$85,000	Small System Asset Management
151	Hamburg Borough	1909001-002		$825,000	$1,100,000	Water Storage Tank Rehabilitation
533	Hampton Borough	1013001-001		$1,650,000	$2,200,000	New Back Up Well 5 to Address Firm Capacity Requirements
649	Hardyston Municipal Utilities Authority	1911006-003		$75,000	$100,000	Asset Management Plan
271	Hightstown Borough	1104001-010		$1,331,759	$1,775,678	2017 Water Main Improvements
605	Hopatcong Borough	1912001-004		$75,000	$100,000	Small System Asset Management
43	Hopatcong Borough	S340488-08		$450,000	$600,000	Hudson Avenue Sanitary Sewer Installation
194	Howell Township	S344040-02		$11,010,000	$14,680,000	Freewood Acres & Route 9 Sanitary Sewer Extension
170	Jersey City Municipal Utilities Authority	0906001-018		$10,500,000	$14,000,000	Tonnele Avenue Water Main Replacement and Relining
877	Kearny Town	S340259-12		$16,125,000	$21,500,000	Redev of recreational complex as a modern artificial turf complex
216	Madison (MCJM) Borough	S340715-07B		$5,466,885	$7,289,180	Facility Improvements 2018
638	Marlboro Township	S340268-02		$723,188	$964,250	Harbor Rd. Wastewater Pump Station
397	Middlesex Borough	S340698-02		$1,926,563	$2,568,750	Sanitary Sewer Main Improvements
411	Milltown Borough	1212001-005		$1,350,000	$1,800,000	Water Storage Tank Rehabilitation
294	Monmouth County Bayshore Outfall Authority	S340325-04		$2,625,000	$3,500,000	Force Main Assessment and Rehabilitation
579	National Park Borough	0812001-004		$1,275,000	$1,700,000	Replacement of Wells 5 & 6
27	Newark City	S340815-24		$18,000,000	$24,000,000	Structural Evaluation & Rehab of 350 miles of small diameter sewers
16	Newark City	S340815-28		$4,500,000	$6,000,000	South Street and Adams Street Drainage Improvements
95	North Hudson Sewer Authority	S340952-30		$17,400,000	$23,200,000	2017 Adams Street Wastewater Treatment Plant Improvements
315	Northwest Bergen County Utilities Authority	S340700-15		$5,250,000	$7,000,000	Wastewater Pump Station Improvements
68	Ocean County Utilities Authority	S340372-61		$3,975,000	$5,300,000	ND1702 NWPCF Influent Screw Pump Improvements
68	Ocean County Utilities Authority	S340372-62		$3,225,000	$4,300,000	ND1712 NWPCF Clarifier Rehabilitation FC-1 and FC-8
103	Perth Amboy City	S340435-14		$1,956,000	$2,608,000	CSO Separation (Pulaski Ave. / Parker St. / State St.)
#N/A	Rockaway Valley Regional Sewer Authority	S340821-06-1		$581,250	$775,000	Supplemental Loan for Old Jersey Trunk Sewer Replacement
110	Somerset Raritan Valley Sewer Authority	S340801-09		$4,875,000	$6,500,000	WWTP Rehabilitation Improvements (SFY2019)
308	Toms River Municipal Utilities Authority	S340145-05		$3,375,000	$4,500,000	Sanitary Sewer Rehabilitation
	Total Projects #: 38			**$166,571,279**	**$222,095,038**	

Pinelands Clean Water Projects

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
PL-1	Pemberton	Pinelands		$2,196,750	$2,929,000	BCI Water System Improvement
PL-2	Manchester Township./Jackson Municipal Utilities	Pinelands		$5,394,026	$7,192,035	Water & Sewer
PL-4	Galloway	Pinelands		$2,620,080	$3,493,440	Pinehurst Sewer Extension
PL-5	Winslow	Pinelands		$1,296,705	$1,728,940	Water & Sewer
	Total Pinelands Projects: 4			**$11,507,561**	**$15,343,415**	
	TOTAL NUMBER OF PROJECTS (Supplemental/Residual , CW, DW, Spring '22 Bond Pool and Pinelands) #: 202	**TOTAL PROJECT COSTS (Supplemental/Residual, CW, DW, Spring '22 Bond Pool and Pinelands):**		**$1,548,691,144**	**$2,065,830,694**	

APPENDIX A

State Fiscal Year 2023 Appropriations (Eligibility) List

Rank Order

Residual/Supplemental Clean Water Projects

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
N/A	Camden County Municipal Utilities Authority	S340640-18R		$7,500,000	$10,000,000	Phase I Upgrades - Improve/Sustain Optimal Wastewater Performance
N/A	Clinton Town	S340924-07R		$600,000	$800,000	System-Wide Customer Meter Replacement
N/A	Hoboken City	S340635-06R		$24,750,000	$33,000,000	CSO - Acquisition, Remediation, & Construction on 6 Acre Park & Outfall
N/A	Jersey City Municipal Utilities Authority	S340928-15R		$2,625,000	$3,500,000	Phase 3 & 4 Sewer Improvements
N/A	Newark City	S340815-24R		$15,750,000	$21,000,000	CSO - Structural eval & Rehab of 350 miles of small diameter sewers
N/A	North Bergen Municipal Utilities Authority	S340652-14R		$6,150,000	$8,200,000	Woodcliff Additional Improvements
N/A	Ocean Township. Sewer Authority	S340750-14R		$750,000	$1,000,000	Asbury Avenue and Longview Pump Stations Rehabilitation
N/A	Passaic Valley Sewerage Commission	S340689-40R		$1,125,000	$1,500,000	Plant wide Replacement & Relocation of Electrical Switchgear and MCCs
N/A	Plumsted Township	S340607-03R		$7,500,000	$10,000,000	Advanced WW treatment & collection system
N/A	Rockaway Valley Regional Sewer Authority	S340821-07R		$2,250,000	$3,000,000	Rehab & enhancement of four existing final clarifiers
N/A	Paterson City	S340850-03-1		$1,912,500	$2,550,000	Change Order 2 CSO 029 Solids and Floatables Control
N/A	Somerville Borough	S342013-01-1		$1,387,500	$1,850,000	Green Seam Phase II Ground Water Treatment
	Total Projects #: 12			**$72,300,000**	**$96,400,000**	

Residual/Supplemental Drinking Water Projects

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
N/A	National Park Borough	0812001-004R		$750,000	$1,000,000	Replacement of Wells 5 & 6
N/A	Newark City	0714001-016R		$2,250,000	$3,000,000	Pequannock Water Treatment Plant Rehab
N/A	North Jersey District WSC	1613001-025R	X	$19,125,000	$25,500,000	Recycle Clear Phase to the Head of the Treatment Plant
	Total Projects #: 3			**$22,125,000**	**$29,500,000**	

Super Storm Sandy and State Fiscal Year 2023 Clean Water Project Eligibility List

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
1	Musconetcong Sewer Authority	S340384-09		$4,650,000	$6,200,000	Wastewater Treatment Plant Improvements
4	Camden County Municipal Utilities Authority	S340640-20		$2,250,000	$3,000,000	Construction of several green infrastructure projects in Camden City
8	Camden County Municipal Utilities Authority	S345040-01		$1,035,000	$1,380,000	CSO - Camden City and Gloucester City Long Term CSO Control Plan
29	Camden City	S340366-15		$9,997,500	$13,330,000	CSO - Rehabilitation of Combined Sewer Outfalls and Regulator Chambers
46	Jersey City Municipal Utilities Authority	S340928-21		$9,750,000	$13,000,000	CSO - Sewer Pipe Replacement / Phase V CSO Study
46	Jersey City Municipal Utilities Authority	S340928-24	X	$81,000,000	$108,000,000	Phase 1/2 Sewer Rehabilitation
48	Elizabeth City	S345070-01		$3,000,001	$4,000,001	CSO - City of Elizabeth Combined Sewer Overflow Long Term Control Plan
51	Bayonne City	S340399-31		$3,750,000	$5,000,000	Stormwater Facilities And Francis G. Fitzpatrick Park Improvements
62	Long Branch Sewerage Authority	S340336-08		$1,305,525	$1,740,700	2018 Capital Improvements Projects - Wastewater Treatment Plant
68	Ocean County Utilities Authority	S340372-63		$1,650,000	$2,200,000	NWPCF Solids Handling Facility Roof Replacement
78	Hoboken City	S340635-09		$375,000	$500,000	ROW Green Infrastructure adjacent to Water Mains
80	Mount Laurel Township Municipal Utilities Authority	S340943-06		$6,000,000	$8,000,000	Sewer System Improvement Project (Bundle 1)
91	North Hudson Sewer Authority	S340952-34		$900,000	$1,200,000	Collection System Improvements
94	North Hudson Sewer Authority	S340952-33		$20,250,000	$27,000,000	H6/H7 Long Term Control Plan Project
95	North Hudson Sewer Authority	S340952-31		$675,000	$900,000	Green Infrastructure
95	North Hudson Sewer Authority	S345190-01		$4,500,000	$6,000,000	Combined Sewer Long Term Control Plan
96	North Hudson Sewer Authority	S340952-38		$1,013,400	$1,351,200	W1234 Outfall Emergency Repair
103	Perth Amboy City	S345220-01		$750,000	$1,000,000	CSO - Permit Development of Long Term Control Plan
106	Hackensack City	S340923-13		$11,400,000	$15,200,000	The Long Term Control Plan and CSO Sewer Separation Efforts (Phase 3)
106	Hackensack City	S340923-14		$6,000,000	$8,000,000	Sewer Separation to Support Main Street Redevelopment
119	Passaic Valley Sewerage Commission	S340689-37	X	$91,125,000	$121,500,000	CSO - Substation "M" Replacement (SAIL)
122	Passaic Valley Sewerage Commission	S345200-01		$7,125,000	$9,500,000	Combined Sewer Overflow Long Term Control Planning
130	Pennsville Sewerage Authority	S340870-05		$3,000,000	$4,000,000	Wastewater Treatment Plant Improvements
139	Bergen County Utilities Authority	S340386-23		$14,025,000	$18,700,000	Sludge Digester Improvements
137	Logan Township Municipal Utilities Authority	S340123-02		$9,000,000	$12,000,000	Effluent Force Main Replacement Project
139	Bergen County Utilities Authority	S340386-21		$5,700,000	$7,600,000	Final Settling Tanks Improvements
142	Linden Roselle Sewer Authority	S340299-08		$20,250,000	$27,000,000	2019 Capital Improvements Projects
148	Passaic Valley Sewerage Commission	S340689-50		$6,600,000	$8,800,000	Improvements to the Vehicle Maintenance Building
161	Gloucester County Utilities Authority	S340902-15		$8,625,000	$11,500,000	Combined Heat & Power
175	Allentown Borough	S340567-05		$3,825,000	$5,100,000	Allentown Borough Wastewater Treatment Plant Modifications
176	Stony Brook Regional Sewer Authority	S340400-11		$16,500,000	$22,000,000	Wastewater Treatment Plant UV Disinfection and Effluent Filtration
181	Evesham Municipal Utilities Authority	S340838-09		$375,000	$500,000	Elmwood WWTP Resiliency Improvements
197	Rutgers, The State University of New Jersey	S340500-01		$28,125,000	$37,500,000	Busch Cogeneration Plant Upgrade
201	Willingboro Municipal Utilities Authority	S340132-09		$6,750,000	$9,000,000	Installation of Screening and Grit Removal Equipment
210	Rockaway Valley Regional Sewer Authority	S340821-08		$11,625,000	$15,500,000	Various Upgrades for compliance with effluent limitation
221	Wildwood City	S340664-06		$11,784,758	$15,713,010	2019 Capital Improvements
229	New Jersey Water Supply Authority	S340421-02		$71,250,000	$95,000,000	Round Valley Reservoir Structures Refurb and Resource Preservation
245	Long Branch Sewer Authority	S340336-09		$4,200,000	$5,600,000	Capital Improvements Projects - Collection System
249	Stafford Township	S340946-08		$2,625,000	$3,500,000	Beach Haven West Sanitary Sewer Replacement Phase III
249	Stafford Township	S340946-07		$3,750,000	$5,000,000	Beach Haven West Sewer Rehab
261	Vernon Township	S340745-03		$1,875,000	$2,500,000	Vernon Township Asset Management Assessment and Plan
264	Delran Township	S340794-10		$1,575,000	$2,100,000	Clay Street Pump Station Improvements
265	Hopatcong Borough	S340488-07		$60,000	$80,000	Sanitary Sewer System Asset Management Plan
274	Tuckerton Borough	S340034-05		$2,475,000	$3,300,000	Curlew Rd., Kingfisher Rd. and Bass Rd. Sanitary Sewer System Rehabilitation
299	Atlantic County Utilities Authority	S340809-30		$7,575,000	$10,100,000	Ventnor-Margate Forcemain Replacement - Phase 1
308	Toms River Municipal Utilities Authority	S340145-08		$1,018,800	$1,358,400	Equipment Purchase
312	Two Rivers Water Reclamation Authority	S340117-09		$3,150,000	$4,200,000	Interceptor and Pump Station Improvements
315	Northwest Bergen County Utilities Authority	S340700-19		$6,099,338	$8,132,450	Interceptor System Rehabilitation
317	Two Rivers Water Reclamation Authority	S340117-10		$2,475,000	$3,300,000	New Main Pump Station - Planning & Design
324	Franklin Township Sewer Authority	S340839-09		$5,625,000	$7,500,000	Marcy Street Sanitary Sewer Rehab
330	Parsippany Troy Hills Township	S340886-05		$8,800,125	$11,733,500	Pump Station No. 4 Sanitary Sewer Redirection Project
340	Berkeley Township Sewer Authority	S340969-14		$2,625,000	$3,500,000	Bayview Ave. Force Main Replacement
361	Scotch Plains Township	S340512-01		$2,025,000	$2,700,000	Sewer Pump Station Upgrades
363	Burlington Township	S340712-17		$750,000	$1,000,000	Sanitary Sewer Rehabilitation in Various Locations
384	Hopewell Township	S340282-03		$1,230,000	$1,640,000	Sanitary Sewer System Asset Management Plan - Sewer Rehabilitation Projects
393	Mantua Township Municipal Utilities Authority	S340514-03		$1,012,500	$1,350,000	Royal Oaks Sewer Pump Station
397	Middlesex Borough	S340698-03		$900,000	$1,200,000	Middlesex Borough Rehabilitation of Sanitary Sewers Phase II (Greenbrook Rd. and Louis Ave. Pump Stations)
403	Pennsville Sewer Authority	S340870-04		$1,200,000	$1,600,000	Pumping Station No. 3 Force Main Replacement
404	Red Bank Borough	S340528-01		$3,375,000	$4,500,000	White Street Water & Sewer Improvements
426	North Haledon Borough	S340229-02		$75,000	$100,000	Small System Asset Management Plan
427	North Haledon Borough	S340229-01		$765,771	$1,021,028	Pump Station Rehabilitation

APPENDIX A - Rank Order

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
434	Haddon Heights Borough	S340877-02		$82,500	$110,000	Sanitary Sewer System Asset Management Plan
435	Emerson Borough	S340497-01		$75,000	$100,000	Small System Asset Management Plan
435	Emerson Borough	S340497-02		$337,500	$450,000	Cindy Lane Pump Station Improvement
452	Mount Arlington Borough	S340451-05		$159,589	$212,785	Wastewater System Asset Management Plan
461	Medford Lakes Borough	S340319-03		$8,250,000	$11,000,000	Collection System Lining Improvements
463	Mendham Borough	S340159-03		$2,400,000	$3,200,000	Collection System Improvements
469	Hamburg Borough	S340149-03		$75,000	$100,000	Sanitary Sewer System Asset Management Plan
470	Long Beach Township	S340023-07		$3,450,000	$4,600,000	Sewer Main Replacement Project
479	Borough of Wenonah	S340531-01		$997,500	$1,330,000	Sanitary Sewer Collection System Asset Management and System Improvements
488	Seaside Park Borough	S340083-04		$3,000,000	$4,000,000	Phase III A Sanitary Sewer Replacement
490	Ship Bottom Borough	S340311-05		$3,750,000	$5,000,000	Sewer Main Replacement Project
497	Passaic Valley Sewerage Commission	S340689-45		$7,657,577	$10,210,102	Sludge Storage Improvements
555	Montville Township	S340931-04		$2,625,000	$3,500,000	Old Lane Sewer Project
605	Camden County Municipal Utilities Authority	S340640-26		$21,150,000	$28,200,000	Newton Creek Dredging and Erosion Control
650	Lower Township Municipal Utilities Authority	S340810-05		$22,500,000	$30,000,000	LTMUA Collection System Expansion
659	Mantua Township Municipal Utilities Authority	S340514-02		$1,687,500	$2,250,000	Barnsboro Sewer Extension
683	Little Egg Harbor Township	S340579-04		$1,530,000	$2,040,000	Mystic Island Drainage Improvements - Phase 2
712	Gloucester Township	S340364-11		$712,500	$950,000	Flood Mitigation (SANDY)
712	Gloucester Township	S340364-15		$1,087,500	$1,450,000	Stormwater Improvements
751	Northfield City	S340508-02		$112,500	$150,000	Vactor Truck Purchase
754	Spotswood Borough	S340510-01		$4,070,250	$5,427,000	Stormwater Management and Sanitary Sewer Improvements
792	North Hudson Sewer Authority	S340952-36		$675,000	$900,000	2019 Equipment Purchases
818	Sussex County Municipal Utilities Authority	S342008-04		$8,250,000	$11,000,000	SCMUA Leachate Pump Station/Force Main Construction
889	Atlantic City Municipal Utilities Authority	S340439-04		$2,300,000	$3,066,667	Water Meter and MTU Replacement
907	Sussex County Municipal Utilities Authority	S342008-06		$32,250,000	$43,000,000	Landfill Life Stage 2 Expansion/Infrastructure Relocation Project
915	Burlington City	S340140-02		$1,950,000	$2,600,000	Meter Replacement (FKA DW Meter replacement & Filter rehab)
918	Willingboro Municipal Utilities Authority	S340132-11		$7,500,000	$10,000,000	Water Meter Infrastructure Project
922	Bloomfield Township	S340516-01		$5,423,228	$7,230,970	Water Meter Replacement (FKA DW)
927	Brick Township Municipal Utilities Authority	S340448-14		$1,500,000	$2,000,000	Meter Replacement - Phase II
936	University Hospital	S340500-03		$5,850,000	$7,800,000	University Hospital Co Generation Plant
946	Ship Bottom Borough	S340311-04		$2,062,500	$2,750,000	Residential Water Meter Project
	Total Projects #: 92			**$704,668,360**	**$939,557,813**	

Super Storm Sandy and State Fiscal Year 2023 Drinking Water Project Eligibility List

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
4	Newark City	0714001-020	X	$13,125,000	$17,500,000	Phase-2 Lead Service Line Replacement (LSLR) Project
5	Trenton City	1111001-011	X	$15,255,000	$20,340,000	Lead Service Line Replacement
6	Newark City	0714001-019	X	$9,375,000	$12,500,000	Phase-1 Lead Service Line Replacement (LSLR)
9	Newark City	0714001-021		$67,500,000	$90,000,000	Phase -3 Lead Service Line Replacement (LSLR) Project
12	Orange City	0717001-013		$525,000	$700,000	Well 5 Rehabilitation Project
18	Bloomfield Township	0702001-003		$823,796	$1,098,395	Lead Service Line Replacement
19	NJ American Water Company, Incorporated	1345001-017	X	$7,575,000	$10,100,000	Oak Street Treatment Plant Improvements
23	Trenton City	1111001-005		$179,250,000	$239,000,000	5-year Lead Service Line Replacement & Verification Project
35	National Park Borough	0812001-005		$1,350,000	$1,800,000	Addition of PFOS Treatment at Existing Water Plant
45	Moorestown Township	0322001-001	X	$18,468,750	$24,625,000	North Church Street Water Treatment Plant Upgrade
53	Brick Township Municipal Utilities Authority	1506001-011	X	$15,667,500	$20,890,000	Granular Activated Carbon Treatment Addition
54	East Orange City	0705001-014	X	$24,750,000	$33,000,000	Water System Improvement and Resiliency Project 2017
60	High bridge Borough	1014001-004		$1,108,404	$1,477,872	Bunnvale Well and West Main Street Water Main Upgrades
74	East Greenwich	0803001-004	X	$1,950,000	$2,600,000	Installation of Filtration System at Well #3
75	Lakeshore Company	1413001-001		$375,000	$500,000	Lakeshore Water - New Well Treatment
77	Jersey City Municipal Utilities Authority	0906001-017		$1,305,180	$1,740,240	Boonton Plant Centrifuge
83	NJ American Water Company, Incorporated	2004002-012		$15,000,000	$20,000,000	NJ American Water Lead Service Line Replacement Program
91	Woodbine Borough	0516001-001	X	$3,750,000	$5,000,000	WTP Upgrade and water main extension
94	Newark City	0714001-018	X	$3,862,500	$5,150,000	Replacement of Water Distribution Mains
99	Jersey City Municipal Utilities Authority	0906001-019	X	$5,025,000	$6,700,000	Route 139 Water Main Replacement Project
100	Wildwood City	0514001-006	X	$4,637,403	$6,183,204	2019 Capital Improvements
104	Seaside Park Borough	1527001-004		$1,125,000	$1,500,000	Well 10 Treatment Facility
109	NJ American Water Company, Incorporated	1345001-021	X	$19,758,750	$26,345,000	Swimming River WTP 2nd Clearwell
113	Brick Township Municipal Utilities Authority	1506001-014		$2,700,000	$3,600,000	Water Main Replacement on Cartagena Drive, Alhama Drive, Cadiz Drive, Valencia Drive and Monterey Drive
155	Hightstown Borough	1104001-009		$712,500	$950,000	Water Tank Painting & Repairs
160	Jersey City Municipal Utilities Authority	0906001-025	X	$24,000,000	$32,000,000	Phase 1 & 2 Water Main Replacement Project
164	Perth Amboy City	1216001-010		$1,238,649	$1,651,532	The Painting of the Backwash Tank and Stand Pipe Project
169	Jersey City Municipal Utilities Authority	0906001-009	X	$3,750,000	$5,000,000	Burma Road Area Water System Improvements
184	Middlesex Water Company	1225001-028	X	$8,400,000	$11,200,000	Renew 2018 - Woodbridge Twp.
186	Old Bridge Municipal Utilities Authority	1209002-005		$2,025,000	$2,700,000	Laurence Harbor Water System Upgrade, Phase 1
188	Hoboken City	0905001-002		$6,000,000	$8,000,000	Water Main Upgrades
196	Clinton Town	1005001-010	X	$1,320,000	$2,640,000	West Main Street Water Main Replacement Project
197	Spotswood Borough	1224001-001	X	$2,582,936	$3,443,914	Cleaning and lining of approximately 3,600 LF of water mains
198	Point Pleasant Borough	1525001-002		$2,100,000	$2,800,000	Ocean Avenue Water Main Replacement
199	Glen Ridge Borough	0708001-008		$2,025,000	$2,700,000	Replace Lead Service Line / Hydrants & Water System AMP
212	Tuckerton Borough	1532002-007		$1,275,000	$1,700,000	Water Main Replacement and Well #3 & #4 Rehabilitation/ Repairs
214	Jersey City Municipal Utilities Authority	0906001-020	X	$4,965,000	$6,620,000	Phase 3 and 4 Water Main Replacement Project
214	Jersey City Municipal Utilities Authority	0906001-021	X	$8,250,000	$11,000,000	Phase 5 Water Mains
220	Ship Bottom Borough	1528001-003		$7,500,000	$10,000,000	Water Treatment Plant Reconstruction
227	Allentown Borough	1302001-004		$1,746,720	$2,328,960	Water Treatment Plant Improvements
231	Jersey City Municipal Utilities Authority	0906001-015	X	$2,691,950	$3,589,266	Van Winkle Ave. Water Main Replacement
234	Brick Township Municipal Utilities Authority	1506001-008		$4,912,500	$6,550,000	Undersized Water Main Replacement Cedar Park East and West
279	Middlesex Water Company	1225001-025	X	$42,750,000	$57,000,000	Western Transmission Main
315	Brick Township Municipal Utilities Authority	1506001-009	X	$4,446,570	$5,928,760	Breton Woods Water Main Replacement - Phase I
353	Ship Bottom Borough	1528001-004		$3,150,000	$4,200,000	Water Main Replacement Project
399	Clinton Town	1005001-012		$2,625,000	$3,500,000	WQAA Implementation - Water Infrastructure Audit and Upgrades
419	Farmingdale Borough	1314001-002		$680,250	$907,000	Painting and repairs to water tower and other misc. system improvements
423	Roosevelt Borough	1341001-007		$750,000	$1,000,000	Homestead, Cedar and Elm Water Mains Project.
439	NJ American Water Company, Incorporated	2004002-013	X	$12,000,000	$16,000,000	RM WTP Emergency Generator
471	Clinton Town	1005001-013		$2,250,000	$3,000,000	Foster Wheeler Booster Pump Station Modifications - AMP
495	Winslow Township	0436007-010		$2,868,750	$3,825,000	Well #2 Filter Plant Upgrade
503	Mount Arlington Borough	1426005-001		$165,836	$250,285	Mount Arlington Asset Management Plan
645	Highbridge Borough	1014001-001		$75,000	$100,000	Asset Management Plan for the High Bridge Water System
	Total Projects #: 53			**$571,518,944**	**$762,934,428**	

APPENDIX A - Rank Order

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description

Potential Spring '22 Bond Sale Participants

(Note, if a project is included in the May 2022 Bond Sale, the project will drop off this SFY2023 list)

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
16	Newark City	S340815-28		$4,500,000	$6,000,000	South Street and Adams Street Drainage Improvements
27	Newark City	S340815-24		$18,000,000	$24,000,000	Structural Evaluation & Rehab of 350 miles of small diameter sewers
43	Hopatcong Borough	S340488-08		$450,000	$600,000	Hudson Avenue Sanitary Sewer Installation
48	Elizabeth City	S340942-17		$4,875,000	$6,500,000	South Street Flood Control Project
50	Camden County Municipal Utilities Authority	S340640-13		$9,600,000	$12,800,000	Delaware #1 Pump Upgrades
68	Ocean County Utilities Authority	S340372-61		$3,975,000	$5,300,000	ND1702 NWPCF Influent Screw Pump Improvements
68	Ocean County Utilities Authority	S340372-62		$3,225,000	$4,300,000	ND1712 NWPCF Clarifier Rehabilitation FC-1 and FC-8
95	North Hudson Sewer Authority	S340952-30		$17,400,000	$23,200,000	2017 Adams Street Wastewater Treatment Plant Improvements
103	Perth Amboy City	S340435-14		$1,956,000	$2,608,000	CSO Separation (Pulaski Ave. / Parker St. / State St.)
110	Somerset Raritan Valley Sewer Authority	S340801-09		$4,875,000	$6,500,000	WWTP Rehabilitation Improvements (SFY2019)
151	Hamburg Borough	1909001-002		$825,000	$1,100,000	Water Storage Tank Rehabilitation
153	Clinton Town	S340924-08		$3,075,000	$4,100,000	WWTP Filter and Residuals Building Improvement Project
170	Jersey City Municipal Utilities Authority	0906001-018		$10,500,000	$14,000,000	Tonnele Avenue Water Main Replacement and Relining
194	Howell Township	S344040-02		$11,010,000	$14,680,000	Freewood Acres & Route 9 Sanitary Sewer Extension
216	Chatham (MCJM) Borough	S340715-07A		$5,466,885	$7,289,180	Facility Improvements 2018
216	Madison (MCJM) Borough	S340715-07B		$5,466,885	$7,289,180	Facility Improvements 2018
271	Hightstown Borough	1104001-010		$1,331,759	$1,775,678	2017 Water Main Improvements
294	Monmouth County Bayshore Outfall Authority	S340325-04		$2,625,000	$3,500,000	Force Main Assessment and Rehabilitation
296	Camden County Municipal Utilities Authority	S340640-28		$5,625,000	$7,500,000	Emergency Rehab/Replacement of the CCMUA Berlin Twp. Force Main
308	Toms River Municipal Utilities Authority	S340145-05		$3,375,000	$4,500,000	Sanitary Sewer Rehabilitation
314	Brick Township Municipal Utilities Authority	S340448-11		$4,275,000	$5,700,000	Wastewater Pump Station Rehabilitation - Phase II
315	Northwest Bergen County Utilities Authority	S340700-15		$5,250,000	$7,000,000	Wastewater Pump Station Improvements
324	Franklin Township Sewer Authority	S340839-08		$3,150,000	$4,200,000	Hamilton St. Pumping Station
362	Carteret Borough	S340939-10		$4,950,000	$6,600,000	Roosevelt Pump Station and Bergen Street Pump Station Upgrades
397	Middlesex Borough	S340698-02		$1,926,563	$2,568,750	Sanitary Sewer Main Improvements
411	Milltown Borough	1212001-005		$1,350,000	$1,800,000	Water Storage Tank Rehabilitation
457	Buena Borough Municipal Utilities Authority	S340518-06		$1,125,000	$1,500,000	Upgrades to Sanitary Sewer Pump Stations #1, 2 & 3
477	Brielle Borough	1308001-004		$1,845,000	$2,460,000	Brielle Drinking Water Storage Tank Project
512	Brielle Borough	1308001-005		$3,375,000	$4,500,000	Old Bridge Road Elevated Water Storage Tank
533	Hampton Borough	1013001-001		$1,650,000	$2,200,000	New Back Up Well 5 to Address Firm Capacity Requirements
579	National Park Borough	0812001-004		$1,275,000	$1,700,000	Replacement of Wells 5 & 6
605	Hopatcong Borough	1912001-004		$75,000	$100,000	Small System Asset Management
606	Hamburg Borough	1909001-001		$63,750	$85,000	Small System Asset Management
638	Marlboro Township	S340268-02		$723,188	$964,250	Harbor Rd. Wastewater Pump Station
649	Hardyston Municipal Utilities Authority	1911006-003		$75,000	$100,000	Asset Management Plan
801	Clinton Town	S340924-07		$600,000	$800,000	Town of Clinton System-Wide Customer Meter Replacement
877	Kearny Town	S340259-12		$16,125,000	$21,500,000	Redev of recreational complex as a modern artificial turf complex
#N/A	Rockaway Valley Regional Sewer Authority	S340821-06-1		$581,250	$775,000	Supplemental Loan for Old Jersey Trunk Sewer Replacement
	Total Projects #: 38			**$166,571,279**	**$222,095,038**	

Pinelands Clean Water Projects

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
PL-1	Pemberton	Pinelands		$2,196,750	$2,929,000	BCI Water System Improvement
PL-2	Manchester Township./Jackson Municipal Utilities Authority	Pinelands		$5,394,026	$7,192,035	Water & Sewer
PL-4	Galloway	Pinelands		$2,620,080	$3,493,440	Pinehurst Sewer Extension
PL-5	Winslow	Pinelands		$1,296,705	$1,728,940	Water & Sewer
	Total Pinelands Projects: 4			**$11,507,561**	**$15,343,415**	
	TOTAL NUMBER OF PROJECTS (Supplemental/Residual , CW, DW, Spring '22 Bond Pool and Pinelands) #: 202	**TOTAL PROJECT COSTS (Supplemental/Residual, CW, DW, Spring '22 Bond Pool and Pinelands):**		**$ 1,548,691,144**	**$2,065,830,694**	

APPENDIX B

Distribution of Long-Term Financing Program Funds, by County

County		Total Loans		Per Capita*
Atlantic	$	146,313,846	$	533
Bergen	$	522,795,170	$	547
Burlington	$	442,871,291	$	959
Camden	$	831,394,634	$	1,588
Cape May	$	124,610,067	$	1,308
Cumberland	$	72,754,679	$	472
Essex	$	739,317,244	$	856
Gloucester	$	199,845,915	$	661
Hudson	$	671,456,702	$	926
Hunterdon	$	124,405,460	$	965
Mercer	$	347,341,824	$	897
Middlesex	$	777,504,982	$	901
Monmouth	$	470,775,173	$	731
Morris	$	451,501,274	$	887
Ocean	$	694,499,430	$	1,090
Passaic	$	259,631,091	$	495
Salem	$	60,940,149	$	940
Somerset	$	226,934,616	$	657
Sussex	$	95,679,095	$	663
Union	$	377,437,988	$	656
Warren	$	99,404,683	$	907
Total	**$**	**7,737,415,312**		

APPENDIX C
STATUS OF OPEN PROJECTS

Water Bank
State Fiscal Year 2022 - Active Project Review
03/01/2022 - 04/01/2022

(Blue $ = Engineering Estimate)

Color	Description	Contracts	Estimated Contract Amount
	Construction Ready		
Purple	Contracts Certified*	7	$ 29,060,000
Lt. Purple	Contract Authorizations To Award	5	$ -
	Certifications and Awards (03/01/2022 - 04/01/2022)	**12**	$ 29,060,000
	Under Review		
Lt. Green	Authoriz. To Advertise (03/01/2022 - 04/01/2022)	**5**	$ 15,721,874
	Pipeline		
Yellow	**Projects/Contracts Under Active Review**	**388**	$2,519,235,029

Certified Projects

Color	Project Sponsor	Project Number	Project Name	Contract Number	Cert Date	Cert Amount
	Bloomfield Township	0702001-005	Lead Service Replacement Phases	COS-1	2022-03-31	2,700,000
	Hackensack City	S340923-13	The Long Term Control Plan and CSO Sewer Separation Efforts (Phase 3)	2	2022-03-31	2,840,000
	Highlands Borough	S340901-05	Coastal Community Water Quality Restoration	COS-1	2022-03-31	8,330,000
	Mantua Township MUA	S340514-03	Royal Oaks Sewer Pump Station	1 of 1	2022-03-31	850,000
	Mendham Borough	S340159-03	Collection System Improvements	1 of 1	2022-03-31	2,075,000
	Parsippany Troy Hills Township	S340886-05	Pump Station No. 4Sanitary Sewer Redirection Project	1 of 1	2022-03-31	9,970,000
	Pennsville Sewerage Authority	S340870-05	Wastewater Treatment Plant Improvements	COS-1	2022-03-31	2,295,000
	TOTALS					**29,060,000**

Authorization to Award Issued

Color	Project Sponsor	Project Number	Project Name	Estimated Contract Cost	Contract Number	ATAwd Actual
	Parsippany Troy Hills Township	S340886-05	Pump Station No. 4Sanitary Sewer Redirection Project	*	1 of 1	2022-03-09
	Hackensack City	S340923-13	The Long Term Control Plan and CSO Sewer Separation Efforts (Phase 3)	*	2	2022-03-21
	Bloomfield Township	0702001-005	Lead Service Replacement Phases	*	COS-1	2022-03-24
	Highlands Borough	S340901-05	Coastal Community Water Quality Restoration	*	COS-1	2022-03-30
	Mendham Borough	S340159-03	Collection System Improvements	*	1 of 1	2022-03-31
	TOTALS			**$0.0**		

*** included in certified total**

Authorization to Advertise Issued

Color	Project Sponsor	Project Number	Project Name	Estimated Contract Cost	Contract Number	ATAdv Actual
	Willingboro Municipal Utilities Authority	0338001-010	Well5A PFOS Treatment System Upgrade	$4,700,000.0	COS-1	2022-03-01
	Hightstown Borough	1104001-009	Water Tank Painting & Repairs	$918,000.0	COS-1	2022-03-10
	Seaside Park Borough	1527001-004	Well 10 Treatment Facility	$977,874.0	1 of 1	2022-03-14
	NJ American Water Company, Incorporated	0712001-016	NJ American Water Lead Service Line Replacement Program PWSID 0712001	$6,576,000.0	COS-1	2022-03-23
	North Brunswick Township	S340888-04	MRI Repair	$2,550,000.0	COS-1	2022-03-24
	TOTALS			**$15,721,874.0**		

Contracts Under Review

Color	Project Sponsor	Project Number	Project Name	Estimated Project Cost	Contract Name	Contract Number
	Brigantine City	S340827-05	Flood Control and Pump Station Improvements	$4,600,000.0	Evans Blvd. Stormwater	2
	Allentown Borough	1302001-001	Asset Management Plan	$100,000.0	Asset Management Plan	PD-1
	Allentown Borough	1302001-002	Elevated Water Tank Improvements	$549,100.0	Allentown Borough	1
	Allentown Borough	1302001-004	Water Treatment Plant Improvements	$2,148,960.0	Allentown Borough	1
	Asbury Park City	S340883-08	Sewer Plant	$63,000,000.0	Sewer Plant	1 of 1
	Atlantic City Municipal Utilities Authority	0102001-010	Asset Management Plan - Professional Consulting Services In Compliance With The New Jersey Water Quality Accountability Act	$150,000.0	Atlantic City MUA Asset Management Plan	1 of 1

APPENDIX C
STATUS OF OPEN PROJECTS

Atlantic City Municipal Utilities Authority	S340439-04	Water Meter and MTU Replacement	$954,231.0	Water Meter Purchase	1 of 3
Atlantic City Municipal Utilities Authority	S340439-04	Water Meter and MTU Replacement	$669,163.0	Automatic Meter Reading (AMR) and Meter Transmission Unit (MTU)	2 of 3
Atlantic City Municipal Utilities Authority	S340439-04	Water Meter and MTU Replacement	$456,606.0	Installation of Water Meter and MTU	3 of 3
Atlantic County Utilities Authority	S340809-29	Replace a portion of Brigantine Force Main	$2,330,000.0	Brigantine FM Replacement	1 of 1
Atlantic County Utilities Authority	S340809-30	Ventnor-Margate Forcemain Replacement - Phase 1	$4,285,000.0	Ventnor-Margate Force main Replacement - Phase 1B	2 of 2
Atlantic County Utilities Authority	S340809-30	Ventnor-Margate Forcemain Replacement - Phase 1	$2,907,500.0	Emergency - Bader Field - Phase 1A	1 of 2
Atlantic County Utilities Authority	S340809-30	Ventnor-Margate Forcemain Replacement - Phase 1	$2,907,500.0	Emergency - Bader Field Phase 1A	PD-1
Atlantic County Utilities Authority	S342001-03	MSE Berm Construction	$18,021,198.0	MSE Berm Construction Phase 2	1 of 2
Atlantic County Utilities Authority	S342001-03	MSE Berm Construction	$18,021,198.0	MSE Berm Construction Phase 3	2 of 2
Bayonne City	0901001-006	Aqueduct Replacement	$6,000,000.0	Aqueduct Replacement Project CM Services	E/A
Bayonne City	0901001-006	Aqueduct Replacement	$6,000,000.0	Phase 2 Aqueduct Replacement Project	1 of 1
Bayshore Regional Sewer Authority	S340697-07	Power Resiliency Project 5182		Power Resiliency Project	COS-1
Beach Haven Borough	S344220-01	SFY2018 Stormwater Pump and Drainage Project		SFY 2018 Stormwater Pump and Drainage Project	1 of 1
Belleville Township	0701001-008	Belleville Lead Service Line Replacement	$3,568,752.0	Lead Service Line Replacement Program, Phase 1	1 of X
Bergen County Utilities Authority	S340386-23	Sludge Digester Improvements	$10,700,000.0	Digester Improvements Project	COS-1
Bergen County Utilities Authority	S340386-26	Cogeneration Engine Rehabilitation	$205,000.0	P&D - Cogeneration Engine Rehabilitation	PD-1
Berkeley Heights Township	S340385-05	STP Upgrade	$2,000,000.0	STP Upgrade	1 of 1
Berkeley Heights Township	S340385-07	Anearobic Digester Flare Replacement Project		Anearobic Digester Flare Replacement Project	COS-1
Berkeley Township Municipal Utilities Authority	1505004-010	Berkeley Township MUA Phase VII Water Main Installation	$8,000,000.0	Phase VII Water Main Installation	1
Bloomfield Township	0702001-004	Interconnection Project	$3,555,000.0	Interconnection and Booster Pump Station Project	1

APPENDIX C
STATUS OF OPEN PROJECTS

Bloomfield Township	0702001-004	Interconnection Project	$445,000.0	Interconnection Project P&D	PD-1
Bloomfield Township	0702001-005	Lead Service Replacement Phases	$1,195,000.0	Lead Service Replacement Phases	1 of 1
Bloomfield Township	0702001-005	Lead Service Replacement Phases	$2,700,000.0	Bloomfield Twp - Lead Service Replacement Contract 2 (Phase 2 and 3)	COS-1
Bordentown City	S340219-04	Water Meter Replacement Program (FKA DW)	$3,000,000.0	Water Meter Replacement Program	COS-1
Borough of Wenonah	S340531-01	Sanitary Sewer Collection System Asset Management and System Improvements	$95,000.0	Sanitary Sewer Collection System Asset Management and System Improvements	1
Borough of Wenonah	S340531-01	Sanitary Sewer Collection System Asset Management and System Improvements	$1,235,000.0	Sanitary Sewer Collection System Improvements	2
Brick Township Municipal Utilities Authority	1506001-013	Water Main Stream Crossings Replacements at Route 70 (16" Diameter), at the Beaver Dam Creek at Midstreams Road (16" Diameter), and Five 12" Diameter Stream Crossings in the Township of Brick	$4,188,419.0	Water System Rehab/Replacement	1 of 1
Brick Township Municipal Utilities Authority	S340448-12	Sanitary Sewer Manhole Rehabilitation and Replacement	$4,824,000.0	Sanitary Sewer Manhole Rehabilitation and Replacement Contract No. 818002	DBC-1
Brigantine City	0103001-501	Installation of Generators at well	$2,900,000.0	Install Generators	1
Brigantine City	S340827-04	Emergency Generators	$3,300,000.0	Emergency Generators	1 of 1
Brigantine City	S340827-06	Municipal System Improvements	$1,001,066.0	Municipal Stormwater System Improvements	1
Burlington Township	S340712-17	Sanitary Sewer Rehabilitation in Various Locations	$875,000.0	Sanitary Sewer Rehabilitation	1 of 1
Camden City	0408001-022	Install potable wells/flr elevations at Morris Delair WTP	$1,400,000.0	WTP Upgrades	1 of 1
Camden City	S340366-07	2014 Sanitary/Combined Sewer Rehab / Replacement Project	$59,000,000.0	2014 Sanitary/Combined Sewer Reconstruction Project Contract A	1
Camden City	S340366-07	2014 Sanitary/Combined Sewer Rehab / Replacement Project	$59,000,000.0	2014 Sanitary/Combined Sewer Rehab / Replacement Project	COS-1
Camden City	S340366-12	Cooper Street Pump Station	$2,300,000.0	Camden Cooper st Pump Station	1 of 1
Camden City	S340366-13	Rehabilitation of Arch Street Pump Station	$12,000,000.0	Rehabilitation of Arch Street Pump Station	1 of 1

APPENDIX C
STATUS OF OPEN PROJECTS

Camden City	S340366-14	Rehabilitation of Combined and Storm Sewer Outfalls	$8,538,016.0	Separate Stormwater Sewer Outfalls Maintenance and Rehabilitation	1 of 2
Camden City	S340366-14	Rehabilitation of Combined and Storm Sewer Outfalls	$831,984.0	Combined Sewer Outfalls Maintenance and Rehabilitation	2 of 2
Camden City	S340366-16	New Auto Meter Reading Equip for entire City (FKA DW)	$3,050,000.0	Advanced Metering Infrastructure	1 of 2
Camden City	S340366-16	New Auto Meter Reading Equip for entire City (FKA DW)	$3,050,000.0	Furnishing and Delivery of Cold Water Meters	2 of 2
Camden County Municipal Utilities Authority	S340640-19	Camden City Green and Grey Infrastructure Project - Phase 4	$3,833,333.0	Camden City Combined Sewer Replacement --- Phase 6	
Camden County Municipal Utilities Authority	S340640-19	Camden City Green and Grey Infrastructure Project - Phase 4	$3,833,333.0	Installation of Stormwater Planters For Creation of a Green Street	
Camden County Municipal Utilities Authority	S340640-19	Camden City Green and Grey Infrastructure Project - Phase 4	$3,833,333.0	Construction Management for Green and Grey Infrastructure	
Camden County Municipal Utilities Authority	S340640-21	Camden City Waterfront Stormwater Pumping Station	$32,500,000.0	Elm Street Wet Weather Pump Station and Interceptor	1 of 1
Camden County Municipal Utilities Authority	S340640-30	CCMUA Pump Station Electrical Upgrades	$5,040,000.0	CCMUA Pump Station Electrical Upgrades	1
Camden County Municipal Utilities Authority	S340640-36	CCMUA Service & Administration Buildings Rehabilitation	$15,000,000.0	CCMUA Service & Administration Buildings Rehabilitation	COS-1
Carneys Point Sewerage Authority	S340502-08	LAFAYETTE ROAD SANITARY SEWER	$1,057,202.0	Lafayette Road Sanitary sewer	1
Carteret Borough	S340939-10	Roosevelt Pump Station and Bergen Street Pump Station Upgrades	$226,000.0	Engineering Services	1&2
Clementon Borough	0411001-001	Rehab of Gibbsboro Water Main (White Horse Pike & White Horse Rd.)	$500,000.0	water main rehab	1
Clementon Borough	0411001-002	Rehab of well 9 including slip lining to improve conveyance	$1,400,000.0	Well 9 Rehab	1
Cliffside Park Borough	S340847-04	Combined Sewer Separation	$5,300,000.0	Combined Sewer Separation	1
Clinton Town	1005001-006	Lebanon Borough Water Main Replacements - Phase 2-5	$4,300,000.0	Water Main Replacement	1
Clinton Town	1005001-007	Replace Water Meters	$4,277,804.0	Water Main Replacement	1
Clinton Town	1005001-013	Foster Wheeler Booster Pump Station Modifications - Asset Management Planning	$415,000.0	Foster Wheeler Booster Pump Station Improvements	1 of 2

APPENDIX C
STATUS OF OPEN PROJECTS

	Clinton Town	1005001-013	Foster Wheeler Booster Pump Station Modifications - Asset Management Planning	$415,000.0	Fox Fire Booster Pump Station Improvements	2 of 2
	Cumberland County	S340438-03	Downe Township Fortescue Package Plant	$17,000,000.0	Planning and Design Contract	1 of 1
	Cumberland County Improvement Authority	S342015-04	Side Slope Restoration and Storm Water Management	$5,640,000.0	Side Slope Restoration , Landfill Gas Main Header Installation, and Site improvements	1 of 1
	Delanco Sewerage Authority	S340956-03	Collection System Improvement Project	$1,442,000.0	CIP lining - Collection System Improvement Project	1 of 1
	Delanco Sewerage Authority	S340956-03	Collection System Improvement Project	$140,000.0	Planning & Design	PD-1
	Delanco Sewerage Authority	S340956-03	Collection System Improvement Project		PS Improvements - Collection System Improvement Project	COS-1
	Delran Township	S340794-11	Service Water System Upgrades and Aeration Blower Replacement Project	$2,100,000.0	Wastewater Treatment Plant Service Water System and Aeration Blowers Upgrade	1
	Deptford Township Municipal Utilities Authority	0802001-002	Water Main Replacement at East Woodbury	$1,550,000.0	Water Main Replacement at East Woodbury	1
	Deptford Township Municipal Utilities Authority	0802001-003	Water Main Replacement at Country Club Estates	$1,200,000.0	Water Main Replacement at Country Club Estates	1
	Deptford Township Municipal Utilities Authority	S340066-03	Sanitary Sewer Rehabilitation at Country Club Estates	$1,000,000.0	Sanitary Sewer Rehabilitation at Country Club Estates	1
	Deptford Township Municipal Utilities Authority	S340066-04	Sanitary Sewer Rehabilitation at East Woodbury	$700,000.0	Sanitary Sewer Rehabilitation at East Woodbury	1
	Dunellen Borough	S340916-03	Borough of Dunellen Flood Mitigation Project	$2,599,998.0	Borough of Dunellen Flood Mitigation Project	1
	East Greenwich Township	0803001-004	Installation of filtration system for PFC removal at #3 Well		Planning and Design Allowance	1 of 1
	East Greenwich Township	0803001-004	Installation of filtration system for PFC removal at #3 Well	$2,600,000.0	Improvements to well #3	1 of 1
	East Orange (JMEUC) City	S340686-08a	Flood Mitigation Facilities Project	$105,593.0	Planning & Design Stage 1 Wastewater Treatment Plant Effluent Pumping Station	1

APPENDIX C
STATUS OF OPEN PROJECTS

	East Orange (JMEUC) City	S340686-08a	Flood Mitigation Facilities Project		Flood Mitigation Facilities Project (Pumping Station)	COS-1
	East Orange (JMEUC) City	S340686-09A	Capital Improvements Projects 2019	$70,000.0	Engineering Planning & Design Capital Projects 2019	1
	East Orange (JMEUC) City	S340686-09A	Capital Improvements Projects 2019		Waste Water Treatment Plant Miscellaneous Building Rehabilitation	COS-1
	East Orange (JMEUC) City	S340686-09A	Capital Improvements Projects 2019		Contract Waste Gas Burner Upgrades	COS-2
	East Orange (JMEUC) City	S340686-11a	Flood Mitigation Phase II Cogeneration Upgrade	$333,727.0	Wastewater Treatment Plant Co-Generation Upgrade	PD-1
	East Orange City	0705001-014	Water System Improvement and Resiliency Project 2017	$14,795,000.0	WORPS Disinfection	Contract No. 3
	East Orange City	S340843-02	Water Meter Replacement Project 2017	$6,840,000.0	Water Meter Replacement	1 of 1
	East Orange City	S340843-03	The Crossings at Brick Church	$9,675,000.0	The Crossings at Brick Church	1 of 1
	East Orange City	S340843-03	The Crossings at Brick Church	$2,325,000.0	P&D	P&D
	East Orange City	S340843-03	The Crossings at Brick Church		The Crossings at Brick Church	DBC-1
	East Windsor Municipal Utilities Authority	1101002-005	Twin Rivers (H section) Water Main Replacement Project	$2,000,000.0	Water Main Replacement - Huntington Drive	1 of 1
	Egg Harbor Township Municipal Utilities Authority	S340753-06	FAA Pump Station Reconstruction	$1,250,000.0	FAA Sanitary Sewer Pump Station Replacement Project,	1
	Elizabeth (JMEUC) City	S340686-08b	Flood Mitigation Facilities Project	$1,263,932.0	Planning & Design Stage 1 Wastewater Treatment Plant Effluent Pumping Station	1
	Elizabeth (JMEUC) City	S340686-09B	Capital Improvements Projects 2019	$835,000.0	Engineering Planning & Design Capital Projects 2019	1
	Elizabeth (JMEUC) City	S340686-11b	Flood Mitigation Phase II Cogeneration Upgrade	$3,004,607.0	Wastewater Treatment Plant Co-Generation Upgrade	PD-1
	Elizabeth City	S340942-13	Western Interceptor Modifications	$13,146,000.0	Western Interceptor Modifications	1 of 1
	Elizabeth City	S340942-20	South Second Street Drainage and Atlantic Street CSO Tank Project	$5,150,000.0	South Second Street Drainage	1 of 2
	Elizabeth City	S340942-20	South Second Street Drainage and Atlantic Street CSO Tank Project	$5,150,000.0	Atlantic Street CSO Tank	2 of 2

APPENDIX C
STATUS OF OPEN PROJECTS

Elizabeth City	S340942-21	Lincoln Avenue Drainage Improvements Project	$3,000,000.0	Lincoln Avenue Drainage Improvements Project	1 of 1
Elizabeth City	S345070-01	City of Elizabeth CSO LTCP	$940,000.0	Planning LTCP	1 of 1
Elizabeth City	S345070-01	City of Elizabeth CSO LTCP	$975,000.0	Planning LTCP	2
Elizabeth City	S345070-01	City of Elizabeth CSO LTCP	$405,000.0	Planning LTCP	3
Elizabeth City	S345070-01	City of Elizabeth CSO LTCP	$345,000.0	Planning LTCP	4
Elizabeth City	S345070-01	City of Elizabeth CSO LTCP	$200,000.0	Planning LTCP	5
Emerson Borough	S340497-01	Small System Asset Management Plan	$100,000.0	Small System Asset Management Plan	1 of 1
Emerson Borough	S340497-02	Cindy Lane Pump Station Improvement	$450,000.0	Cindy Lane Pump Station Improvement	COS-1
Evesham Municipal Utilities Authority	S340838-09	Elmwood WWTP Resiliency Improvements	$498,000.0	Elmwood WWTP Resiliency Improvements	1
Fieldsboro Borough	S340522-01	Sewer @ Stormwater Asset Management plan	$115,000.0	Engineering Services for AMP	FDB023
Flemington Borough	1009001-009	Additional Water Tank and Improvements	$4,500,000.0	300,000 Gallon Water Storage Tank	1
Franklin Township Sewerage Authority	S340839-09	Marcy Street Sanitary Sewer Rehab	$3,940,000.0	Marcy Street Sanitary Sewer Rehab	1
Franklin Township Sewerage Authority	S340839-10	Somerset Street Drainage Area Rehab	$3,500,000.0	Brookline Watershed Wastewater Collection System Rehabilitation	COS-1
Freehold Borough	1315001-002	Water Plant Development	$6,440,000.0	Water Treatment Plant Development	1
Glen Ridge Borough	0708001-008	GR-2017-LSL-R/FH-RR Lead Service Water-Line Replacement/Fire Hydrant - Repairs & Replacement & Water System Asset Management Plan	$50,000.0	Water System Asset Management Plan	AMP
Glen Ridge Borough	S340861-03	GR-Procurement-Sewer Cleaning Truck	$445,849.0	Contract Not Submitted - GR-Procurement-Sewer Cleaning Truck	1
Gloucester City	S345090-01	City of Gloucester CSO Asset Management Plan	$1,000,000.0	City of Gloucester CSO Asset Management Plan	1 of 1
Gloucester County Utilities Authority	S340902-15	Combined Heat & Power	$5,985,000.0	Combined Heat and Power Units	2 of 4
Gloucester County Utilities Authority	S340902-17	Sludge Drying System	$10,000,000.0	Sludge Drying System	1 of 1
Gloucester Township	S340364-16	Gloucester Township Stormwater Improvements 2018	$200,000.0	Sturbridge Drive Stormwater Pipe Replacement	COS-1

APPENDIX C
STATUS OF OPEN PROJECTS

	Gloucester Township	S340364-16	Gloucester Township Stormwater Improvements 2018	$200,000.0	Melvin Avenue Stormwater Pipe Replacement	COS-2
	Gloucester Township	S340364-16	Gloucester Township Stormwater Improvements 2018	$200,000.0	Argyle Avenue Stormwater Pipe Replacement	COS-3
	Greenwich Township	S340359-02	Installation of a collector sewer in vicinity of the Village of Stewartsville	$1,100,000.0	engineering services during construction	1
	Greenwich Township	S340359-02	Installation of a collector sewer in vicinity of the Village of Stewartsville	$1,100,000.0	construction contract	2
	Hackensack City	S340923-13	The Long Term Control Plan and CSO Sewer Separation Efforts (Phase 3)	$2,390,842.0	Clay Street - Railroad Avenue to Park Street	3
	Hackensack City	S340923-13	The Long Term Control Plan and CSO Sewer Separation Efforts (Phase 3)	$2,390,842.0	Clay Street - West of Railroad Avenue	4
	Hackensack City	S340923-13	The Long Term Control Plan and CSO Sewer Separation Efforts (Phase 3)	$1,055,000.0	Planning and Design	5
	Hackensack City	S340923-15	Stormwater Infrastructure Improvements 2020	$830,000.0	Polifly Park Drainage Improvements	1
	Hackensack City	S340923-15	Stormwater Infrastructure Improvements 2020	$770,000.0	Pine Street Roadway Improvements	2
	Hackensack City	S340923-16	Anderson Drainage Area Sewer Separation Efforts - Phase I	$5,000,000.0	Anderson Drainage Area Sewer Separation	COS-1
	Haddon Heights Borough	S340877-02	Sanitary Sewer System Asset Management Plan	$105,000.0	Sanitary Sewer System Asset Management Plan	1
	Hamburg Borough	S340149-03	Sanitary Sewer System Asset Management Plan	$86,000.0	Sanitary Sewer Asset Management Plan	1 of 1
	Hamburg Borough	S340149-04	Sewer Pump Station Improvement Project	$400,000.0	Sewer Pump Station Improvement Project	COS-1
	Hamilton Township Municipal Utilities Authority	S340903-06	2019 Wastewater Facility Upgrades and Renovations	$2,500,000.0	Office Building	1 of 1
	Hardyston Municipal Utilities Authority	1911006-001	Water Meter Replacement	$477,400.0	Water Meter Replacements	1
	Hardyston Municipal Utilities Authority	1911006-003	Asset Management Plan	$100,000.0	Asset Management Plan	1 of 1
	Harvey Cedars Borough	1509001-002	Installation of a Water Monitoring Well	$550,000.0	Owen, Little & Associates, Inc.	
	Harvey Cedars Borough	1509001-002	Installation of a Water Monitoring Well	$550,000.0	2017 Test/ Production Well	1 of 1
	High Bridge Borough	1014001-001	Asset Management Plan for the High Bridge Water System	$75,000.0	High Bridge Borough AMP	1 of 1
	Highlands Borough	S340901-05	Coastal Community Water Quality Restoration	$8,330,000.0	PHASE I SANITARY SEWER IMPROVEMENTS	COS-1
	Hightstown Borough	1104001-009	Water Tank Painting & Repairs	$32,000.0	Planning and Design Agreement	1a

APPENDIX C
STATUS OF OPEN PROJECTS

	Hightstown Borough	1104001-009	Water Tank Painting & Repairs	$918,000.0	Water Tank Painting and Repairs at First Avenue, Leshin Lane and Cranbury Station Road	COS-1
	Hillside (JMEUC) Township	S340686-08c	Flood Mitigation Facilities Project	$161,728.0	Planning & Design Stage 1 Wastewater Treatment Plant Effluent Pumping Station	1
	Hillside (JMEUC) Township	S340686-09C	Capital Improvements Projects 2019	$110,000.0	Engineering Planning & Design Capital Projects 2019	1
	Hillside (JMEUC) Township	S340686-10	North Avenue Pumping Station	$650,000.0	Improvements to North Avenue Pump Station	1 of 2
	Hillside (JMEUC) Township	S340686-10	North Avenue Pumping Station	$650,000.0	Street Sweeper Equipment Purchase	2 of 2
	Hillside (JMEUC) Township	S340686-11c	Flood Mitigation Phase II Cogeneration Upgrade	$465,709.0	Wastewater Treatment Plant Co-Generation Upgrade	PD-1
	Hoboken City	0905001-003	Water Main Upgrades Phase II	$9,500,000.0	Water System Renewal Phase II Project	COS-1
	Hoboken City	S340635-08	Southwest Resiliency Park - Acquisition, Rehabilitation	$3,300,000.0	Land Acquisition	
	Hoboken City	S340635-08	Southwest Resiliency Park - Acquisition, Rehabilitation	$3,300,000.0	Planning and Design Loan	
	Ho-Ho-Kus Borough	0228001-002	Ho-Ho-Kus Water Treatment System	$3,700,000.0	Water Treatment System Improvement	COS-1
	Hopatcong Borough	1912001-001	Hudson Avenue Water Main Installation	$1,000,000.0	Hudson Avenue Water Main Installation	1 of 1
	Hopatcong Borough	1912001-002	Hopatcong Borough PFAS Removal Improvement Project		PFAS Removal Improvement Project	COS-1
	Hudson County Improvement Authority	S340094-02	Koppers Peninsula Infrastructure, Hudson County	$51,000,000.0	Koppers Peninsula Infrastructure, Hudson County	1
	Irvington (JMEUC) Township	S340686-08d	Flood Mitigation Facilities Project	$428,770.0	Planning & Design Stage 1 Wastewater Treatment Plant Effluent Pumping Station	1
	Irvington (JMEUC) Township	S340686-09D	Capital Improvements Projects 2019	$285,000.0	Engineering Planning & Design Capital Projects 2019	1

APPENDIX C
STATUS OF OPEN PROJECTS

	Irvington (JMEUC) Township	S340686-11d	Flood Mitigation Phase II Cogeneration Upgrade	$1,080,132.0	Wastewater Treatment Plant Co-Generation Upgrade	PD-1
	Jersey City	S340928-30	Street Cleaning for Clean Water	$2,711,000.0	Street Cleaning Equipment	1 of 1
	Jersey City Municipal Utilities Authority	0906001-006	Transmission Main Install	$19,000,000.0	Transmission Main Install	1 of 1
	Jersey City Municipal Utilities Authority	0906001-012	Water Main Replacement	$18,000,000.0	Water Main Replacement	1 of 1
	Jersey City Municipal Utilities Authority	0906001-016	Large Valve Replacement Program- Phase 2	$7,321,200.0	Large Valve Replacement	1 of 1
	Jersey City Municipal Utilities Authority	0906001-018	Tonnele Avenue Water Main Replacement and Relining	$10,000,000.0	Tonnele Avenue Water Main Replacement and Relining	1 of 1
	Jersey City Municipal Utilities Authority	0906001-018	Tonnele Avenue Water Main Replacement and Relining	$0.0	Emergency Work	COS-1
	Jersey City Municipal Utilities Authority	0906001-023	Phase 5A Water Project	$9,300,000.0	Phase 5A Combined Sewer and Water Main Rehabilitation	1
	Jersey City Municipal Utilities Authority	0906001-024	Phase 2A Water	$11,640,000.0	Phase 2A Combined Sewer & Water	1
	Jersey City Municipal Utilities Authority	0906001-028	Dam Security Improvements	$1,700,000.0	BOONTON DAM AND PARSIPPANY DIKE SECURITY IMPROVEMENTS	1 of 1
	Jersey City Municipal Utilities Authority	0906001-032	Van Horne Street Water Improvements	$4,200,000.0	Van Horne Water and Sewer main Improvements	1 of 1
	Jersey City Municipal Utilities Authority	S340928-16	Sixth Street Combined Sewer Outfall	$9,500,000.0	CSO & Floatables for Outfall 029	1
	Jersey City Municipal Utilities Authority	S340928-18	Claremount Carteret outfall rep	$5,600,000.0	Claremont Carteret Tide Gate Chamber	1
	Jersey City Municipal Utilities Authority	S340928-23	3 Pump Stations Flood Hardening Improvements	$2,600,000.0	Pump Stations PS-2 & PS-3B Flood Hardening Improvements	
	Jersey City Municipal Utilities Authority	S340928-23	3 Pump Stations Flood Hardening Improvements	$2,600,000.0	Engineering Design Contract	
	Jersey City Municipal Utilities Authority	S340928-23	3 Pump Stations Flood Hardening Improvements	$2,600,000.0	Engineering Construction - Contract No. 1	
	Jersey City Municipal Utilities Authority	S340928-23	3 Pump Stations Flood Hardening Improvements	$2,600,000.0	TBD	4
	Jersey City Municipal Utilities Authority	S340928-27	Green Infrastructure- Martin Luther King Drive Tree Trenches	$500,000.0	Martin Luther King Drive Tree Trenches Green Infrastructure Project	1 of 2
	Jersey City Municipal Utilities Authority	S340928-32	Remote Water Meter Reading (AMI) (FKA DW)	$12,245,000.0	Water Meter Contract	1

APPENDIX C
STATUS OF OPEN PROJECTS

	Jersey City Municipal Utilities Authority	S340928-36	Phase 5-B Sewer	$10,800,000.0	Phase 5B Sewer & Water Rehabilitation	1 of 1
	Jersey City Municipal Utilities Authority	S340928-37	Sewer Improvements 2a	$50,202,482.0	Phase 2A Combined Sewer and Water Main Rehabilitation	1 of 1
	Jersey City Municipal Utilities Authority	S340928-37	Sewer Improvements 2a		Contract 1 of 6	COS-1
	Jersey City Municipal Utilities Authority	S340928-38	Sewer Improvements Phase 5a	$35,273,043.0	Phase 5A Combined Sewer & Water main Rehabilitation	1
	Jersey City Municipal Utilities Authority	S340928-40	Eastside and Westside Pump Station Mechanical Screens	$3,405,000.0	Bar Screen Filters	1 of 1
	Jersey City Municipal Utilities Authority	S340928-41	Van Winkle Combined Sewer Outfall	$4,500,000.0	Vanwinkle CSO Out Fall	1
	Jersey City Municipal Utilities Authority	S340928-45	Bayfront Clean Water Sewer	$4,520,000.0	Phase 1A of the Bayfront Redevelopmen t	1 of 1
	Jersey City Municipal Utilities Authority	S340928-47	Van Horne Street Sewer Improvements	$11,400,000.0	Van Horne Water & Sewer Improvements	1 of 1
	JMEUC	S340686-08	Flood Mitigation Facilities Project	$97,506,765.0	Wastewater Treatment Plant (Effluent Pumping Station)	1 of 1
	JMEUC	S340686-08	Flood Mitigation Facilities Project	$3,725,000.0	Planning & Design Stage 1 Wastewater Treatment Plant Effluent Pumping Station	1
	JMEUC	S340686-11	Flood Mitigation Phase II Cogeneration Upgrade	$9,045,000.0	Flood Mitigation Phase 2 Co Generation Upgrade	COS-1
	JMEUC	S340686-11	Flood Mitigation Phase II Cogeneration Upgrade	$755,000.0	Wastewater Treatment Plant Co-Generation Upgrade	PD-1
	Kearny Municipal Utilities Authority	S340259-14	Kearny Point Pumping Station Grit Collector Replacement Project AND Central Avenue & Pennsylvania Avenue Sewer Rehabilitation Project	$791,000.0	Kearny Point Pumping Station Grit Collector Replacement	1 of 2
	Kearny Municipal Utilities Authority	S340259-14	Kearny Point Pumping Station Grit Collector Replacement Project AND Central Avenue & Pennsylvania Avenue Sewer Rehabilitation Project	$791,000.0	Central Avenue & Pennsylvania Avenue Rehabilitation	2 of 2
	Lakehurst Borough	1513001-002	Water Main Replacement Project Phase I	$1,200,000.0	Water Main Replacement on Poplar Street, Myrtle Street and Willow Street	1
	Lakeshore Company	1413001-001	Lakeshore Water - New Well Treatment	$35,000.0	New Well Treatment	PD-1

APPENDIX C
STATUS OF OPEN PROJECTS

Lakeshore Company	1413001-001	Lakeshore Water - New Well Treatment	$465,000.0	New Well Treatment	COS-1
Linden Roselle Sewerage Authority	S340299-08	2019 Capital Improvement Projects	$2,220,000.0	P&D	P&D
Linden Roselle Sewerage Authority	S340299-08	2019 Capital Improvement Projects	$4,531,250.0	2 of 5 Flood Hardening/Flood Mitigation	COS-1
Linden Roselle Sewerage Authority	S340299-08	2019 Capital Improvement Projects	$4,531,250.0	3 of 5 Gravity Thickener Upgrade	COS-2
Linden Roselle Sewerage Authority	S340299-08	2019 Capital Improvement Projects	$4,531,250.0	4 of 5 Screening Conveyance	COS-3
Linden Roselle Sewerage Authority	S340299-08	2019 Capital Improvement Projects	$4,531,250.0	5 of 5 UV Disinfection Facility Upgrade	COS-4
Little Egg Harbor Municipal Utilities Authority	1516001-007	Little Egg Harbor Water Improvements Phase II	$2,500,000.0	Little Egg Harbor Water Improvements Phase II	COS-1
Little Egg Harbor Municipal Utilities Authority	S340579-05	Little Egg Harbor Sewer Main Replacement Phase II	$4,200,000.0	Little Egg Harbor Sewer Main Replacement Phase II	COS-1
Little Egg Harbor Township	S340579-04	Mystic Island Drainage Improvements - Phase 2	$1,880,000.0	Mystic Island Drainage Improvements - Phase 2	1
Long Beach Township	1517001-015	Water Main Replacement Project	$4,159,201.0	2017 Water and Sewer Main Replacement Projects	1
Long Beach Township	S340023-09	2020 North Beach Sewer Main Replacement	$5,010,000.0	2020 North Beach Sewer Main Replacement	1 of 1
Long Branch Sewerage Authority	S340336-08	2018 Capital Improvements Projects - Wastewater Treatment Plant	$85,700.0	WWTP Hot Water and Final Settling Tank Mechanical Improvements	1
Long Hill Township	S340404-10	Capacity Assurance and System Rehabilitation Project	$3,750,000.0	WWTP and Pump Station Improvements	1
Long Hill Township	S340404-10	Capacity Assurance and System Rehabilitation Project	$3,750,000.0	Sanitary Sewer Rehabilitation Project	2
Manasquan Borough	S340450-02	Stockton Lake Bulkhead and Stormwater Management Project	$4,505,800.0	Stockton Lake Bulkhead and Stormwater Management	1 of 1
Manasquan River Regional Sewerage Authority	S340911-03	MRRSA Vehicle Fleet and Equipment Replacement	660000	MRSSA Vehicle Fleet and Equipment Replacement	1 of 1
Manasquan River Regional Sewerage Authority	S340911-04	Mingamahone Pump Station Improvements	2388541	Mingamahone Pump Station Improvements	COS-1
Mantua Township MUA	S340514-01	Austin Street Sewer Pump Station	$2,650,000.0	Austin Street Pump Station	COS-1
Mantua Township MUA	S340514-03	Royal Oaks Sewer Pump Station	$850,000.0	Royal Oaks Pumping Station	1 of 1

APPENDIX C
STATUS OF OPEN PROJECTS

Maplewood (JMEUC) Township	S340686-08e	Flood Mitigation Project	$164,835.0	Planning & Design Stage 1 Wastewater Treatment Plant Effluent Pumping Station	1
Maplewood (JMEUC) Township	S340686-11e	Flood Mitigation Phase II Cogeneration Upgrade	$470,818.0	Wastewater Treatment Plant Co-Generation Upgrade	PD-1
Marlboro Township	1328002-003	Beacon Hill storge tank Rehab	$1,714,000.0	Beacon Hill Water Storage Tank Rehabilitation	1 of 1
Marlboro Township	1328002-004	New Stand-by Well 5A (Tennent Rd Treatment Plant & Booster Pump Station)	$1,385,000.0	New stand-by Well-5A	1 of 1
Mendham Borough	S340159-03	Collection System Improvements	$660,000.0	CCTV Inspection Program	PD-1
Mendham Borough	S340159-04	WWTP Improvements	$265,000.0	P&D	P&D
Mendham Borough	S340159-04	WWTP Improvements	$201,000.0	WATER RECLAMATION FACILITY IMPROVEMENTS MLR PIPING REALIGNMENT	1 of 1
Mendham Borough	S340159-04	WWTP Improvements	$1,750,000.0	COS 1	COS-1
Mendham Borough	S340159-04	WWTP Improvements	$1,750,000.0	Contract 2 of 2 Water Reclamation Facility Improvement	COS-2
Merchantville Pennsauken Water Commission	0424001-004	National Highway PFC plant	$8,700,000.0	National Highway PFC plant	COS-1
Metuchen Borough	S340360-02	Sewage Pump Station Replacement	$5,260,000.0	Jersey Avenue Pump Station Replacement	1 of 1
Middlesex County Utilities Authority	S340699-16	Main Trunk Sewer Rehabilitation Phase III	$9,050,000.0	Main Trunk Sewer Rehabilitation Phase III	1
Middlesex County Utilities Authority	S340699-16	Main Trunk Sewer Rehabilitation Phase III	$9,050,000.0	Meter Chamber Rehabilitation, Ph. II	2
Middlesex County Utilities Authority	S340699-17	ctp rehabiltation phase 4	$6,715,000.0	Primary Tank Rehabilitation	COS-1
Middlesex County Utilities Authority	S340699-17	ctp rehabiltation phase 4	$6,715,000.0	Final Clarifier Equipment Rehabilitation, Phase IV	COS-2
Middlesex County Utilities Authority	S340699-17	ctp rehabiltation phase 4	$6,715,000.0	Gravity Thickener Equipment Rehabilitation, Phase II	COS-3
Middlesex Water Company	1225001-027	RENEW 2019 - Carteret	$11,200,000.0	RENEW 2019 Carteret	TBD
Millburn (JMEUC) Township	S340686-11f	Flood Mitigation Phase II Cogeneration Upgrade	$425,142.0	Wastewater Treatment Plant Co-Generation Upgrade	PD-1

APPENDIX C
STATUS OF OPEN PROJECTS

Millburn Township	S340686-08f	Flood Mitigation Project (JMEUC)	$145,667.0	Planning & Design Stage 1 Wastewater Treatment Plant Effluent Pumping Station	1
Milltown Borough	1212001-002	Ford Ave Redevelopment	$1,606,000.0	Ford Ave Redevelopment	1
Milltown Borough	S340102-01	Milltown Ford Ave Redevelopment	$21,000,000.0	Milltown Ford Ave Redevelopment	1
Milltown Borough	S340102-04	Ford Ave Redevelopment	$5,500,000.0	Ford Ave Redevelopment	1
Millville City	S340921-08	Millville WWTP Solids Dewatering Upgrades	$7,000,000.0	Millville WWTP Solids Dewatering Upgrades	COS-1
Monroe Municipal Utilities Authority	0811002-001	Tank Painting	$5,000,000.0	Knights of Columbus Elevated Water Storage Tank	1
Montgomery Township	S340130-03	Stage II Wastewater Treatment Plant Flood Protection Project	$12,000,000.0	Stage II Wastewater Treatment Plant Flood Protection Project	1 of 1
Mount Laurel Township Municipal Utilities Authority	S340943-06	Sewer System Improvement Project (Bundle 1)	$1,115,000.0	Hartford Road WPCF Orbal Aerator Repairs	COS-2
Mount Laurel Township Municipal Utilities Authority	S340943-07	Sewer System Improvement Project (Bundle 2)	$1,100,000.0	Replacement of Briggs Rd and Library Pump Station Force Main Connections	1
Mount Laurel Township Municipal Utilities Authority	S340943-07	Sewer System Improvement Project (Bundle 2)	$555,000.0	Union Mill Farms Force Main Replacement	COS-1
Netcong Borough	1428001-001	Water System Assment Management Plan	$120,000.0	Water System Asset Management Plan	AMP
Netcong Borough	S340538-01	Sewer System Asset Management Plan	$96,000.0	Sewer System Asset Management Plan	AMP
New Brunswick City	1214001-005	Water Treatment Plant Improvements	$35,000,000.0	Contract 511-16W - Pretreatment System Upgrades	1 of 1
Newark (JMEUC) City	S340686-08g	Flood Mitigation Facilities Project	$250,232.0	Planning & Design Stage 1 Wastewater Treatment Plant Effluent Pumping Station	1
Newark (JMEUC) City	S340686-09E	Capital Improvements Projects 2019	$165,000.0	Engineering Planning & Design Capital Projects 2019	1

APPENDIX C
STATUS OF OPEN PROJECTS

Newark (JMEUC) City	S340686-11g	Flood Mitigation Phase II Cogeneration Upgrade	$668,831.0	Wastewater Treatment Plant Co-Generation Upgrade	PD-1
Newark City	0714001-017	Water Distribution System Upgrades	$2,000,000.0	Water Distribution System Upgrades	1
Newark City	S340815-24	Structural eval & rehab of 350 miles of small diameter sewers	$8,000,000.0	Sewer Rehab (3A)	COS-1
Newark City	S340815-24	Structural eval & rehab of 350 miles of small diameter sewers	$8,000,000.0	Sewer Rehab (3B)	COS-2
Newark City	S340815-24	Structural eval & rehab of 350 miles of small diameter sewers	$8,000,000.0	Sewer Rehab (3C)	COS-3
Newark City	S340815-25	Green Infrastructure for the Sewer System	$475,000.0	Sewer Rehab (Green Infrastructure)	1
Newark City	S340815-26	Improvements to the Peddie CSO	$1,650,000.0	CSO Solids/Floatables Control Measures Netting Facility At Peddie Ditch, Site 025	1
Newark City	S340815-26	Improvements to the Peddie CSO	$1,650,000.0	Engineering Services	
Newark City	S340815-27	Greenstreet Projects for the City of Newark	$3,800,000.0	Greenstreet Projects for Newark	1 of 1
Newton Town	S340449-04	Memory Park Drainage Improvements	$91,000.0	Memory Park Drainage Improvements	1 of 1
NJ American Water Company, Incorporated	0323001-005	Woodlane WTP Improvement Project	$8,100,000.0	Woodlane WTP Improvement Project Project County: Burlington	COS-1
NJ American Water Company, Incorporated	0712001-016	NJ American Water Lead Service Line Replacement Program PWSID 0712001	$6,576,000.0	Lead Service Line Replacement	COS-1
North Brunswick Township	S340888-03	Sanitary Sewer Improvement Project	$2,830,000.0	Sanitary Sewer replacement and rehabilitation along Livingston Avenue in North Brunswick Township	1
North Brunswick Township	S340888-04	MRI Repair	$2,550,000.0	MRI Repair	COS-1
North Haledon Borough	S340229-01	Pump Station Rehabilitation	$1,021,028.0	Pump Station Rehabilitation	COS-1
North Haledon Borough	S340229-02	Small System Asset Management Plan	$100,000.0	Small System Asset Management Plan	1 of 1
North Hudson Sewer Authority	S340952-39	Boulevard East Combined Sewer Improvements	$12,700,000.0	Boulevard East Combined Sewer Improvements	1 of 1
North Hudson Sewer Authority	S340952-40	H6/H7 CSO Long Term Control Plan - Phase II	$11,500,000.0	H6/H7 CSO Long Term Control Plan - Phase II	COS-1
North Hudson Sewer Authority	S345190-01	Combined Sewer Long Term Control Plan	$3,380,000.0	Planning and Design LTCP	1 of 1

APPENDIX C
STATUS OF OPEN PROJECTS

	North Jersey District Water Supply Commission	1613001-026	Low Lift Gas Pump	$12,900,000.0	Low Lift Gas Pump	1
	North Jersey District Water Supply Commission	1613001-031	Purchase and Install New Dewatering System	$3,800,000.0	Upgrade to RTF	1
	North Jersey District Water Supply Commission	1613001-032	Rehabilitation of Treatment Facility	$3,600,000.0	Rehab Treatment Facility	1
	North Jersey District Water Supply Commission	1613001-034	Security, IT and Safety Projects	$1,600,000.0	Security, IT and Safety Projects	1
	Northwest Bergen County Utilities Authority	S340700-19	Interceptor System rehabilitation	$7,207,450.0	Interceptor System Rehabilitation	2
	Oak Ridge Senior Housing Community	1414008-001	Oakridge Senior Community Water Lines	$530,300.0	Oakridge Senior Community Water Lines	1 of 1
	Oakland Borough	0220001-001	Construct new Well 10A as backup for Well 10	$3,133,000.0	New Well 10A	1
	Oakland Borough	0220001-002	Replace 4600 Water Meters	$3,133,000.0	Water Meter Replacement	1
	Oakland Borough	0220001-003	Well 9 - Diesel Generator	$3,133,000.0	Well 9 Generator	1
	Oakland Borough	0220001-004	Iroquois Pumping Station - Rehabilitation	$3,133,000.0	Rehab of PS	1
	Oakland Borough	S340418-06	Oakland Sewer System Improvements	$6,855,000.0	Oakland Sewer System Improvements	1 of 1
	Ocean County	S344080-09	Barnegat Bay Storm Water - Manufactured Treatment Devices	$1,300,000.0	Barnegat Bay Storm Water - Manufactured Treatment Devices	1 of 1
	Ocean County	S344080-10	Camera Pipe Line Inspection Truck System - Equipment	$250,000.0	Motor Vehicle: Camera Pipeline Inspection Truck System	1 of 1
	Ocean County	S344080-11	Mechanical Street Sweeper - Equipment	$350,000.0	Motor Vehicle: Mechanical Street Sweeper	1 of 1
	Ocean County Utilities Authority	S340372-63	ND1811 NWPCF Solids Handling Facility Roof Replacement	$2,185,000.0	ND1811 NWPCF Solids Handling Facility Roof Replacement	1
	Ocean County Utilities Authority	S340372-64	CD1008 CWPCF Process Improvements	$37,774,000.0	CD1008 CWPCF Process Improvements	1 of 1
	Ocean County Utilities Authority	S340372-65	CD1713 CWPCF Thickened Sludge Storage and Blend Tank Rehabilitation	$4,200,000.0	Thickened Sludge Storage and Blend Tank Rehabilitation	1 of 1
	Ocean Gate Borough	1521001-003	Well Water Construction/Drilling a new well	$720,000.0	Well Water Construction	1 0f 1
	Ocean Gate Borough	S344180-01	Storm Sewer MTD	$2,600,000.0	MTD's - Storm Sewer	1
	Old Bridge Municipal Utilities Authority	1209002-014	Perrine Road Carbon Absorber Facility	$1,750,000.0	Perrine Road Carbon Adsorber Facility	1
	Orange City	0717001-013	Orange Twp | Well 5 Rehabilitation Project	$595,000.0	Well 5 Rahabilitation	1 of 1
	Orange City	0717001-014	Orange Twp | Relocation of the existing transmission main under the Glen Avenue Bridge for the stabilization of the pipe	$2,000,000.0	Relocation of Transmission Main	1 of 1

APPENDIX C
STATUS OF OPEN PROJECTS

	Orange City	S340859-04	S-4 (10888779.1) WATER METER REPLACEMENT	$5,100,000.0	S-4 (10888779.1) WATER METER REPLACEMENT	1
	Parsippany Troy Hills Township	S340886-05	Pump Station No. 4Sanitary Sewer Redirection Project	$9,970,000.0	Pump Station No. 4 Sanitary Sewer Redirection Project	1 of 1
	Passaic Valley Sewerage Commission	S340689-23	Standby Power Generating Facility	$4,735,000.0	Planning and Design	1 of 4
	Passaic Valley Sewerage Commission	S340689-23	Standby Power Generating Facility	$7,328,000.0	Site Prep	2 of 4
	Passaic Valley Sewerage Commission	S340689-23	Standby Power Generating Facility	$68,617,000.0	Equipment Purchase	3 of 4
	Passaic Valley Sewerage Commission	S340689-23	Standby Power Generating Facility	$102,820,000.0	Installation of Equipment	4 of 4
	Passaic Valley Sewerage Commission	S340689-33	Weatherproof tunnel locations incl HVAC for ventilation	$67,510,000.0	WWTP Improvements	1
	Passaic Valley Sewerage Commission	S340689-44	Wallington Pump Station Rehabilitation Project	$17,500,000.0	Wallington Pump Station Rehabilitation Project	1
	Passaic Valley Sewerage Commission	S340689-47	Headworks Reconstruction Project	$94,965,434.0	Headworks Reconstruction	1 of 1
	Passaic Valley Sewerage Commission	S340689-49	PVSC Perimeter Flood Wall, Storm Water Collection Sys. & Pumping Stations (Merged (S340689-41,42,43)	$278,440,000.0	Perimeter Flood Wall, Storm Water Collection System & Pumping Stations	1 of 1
	Passaic Valley Sewerage Commission	S340689-52	Advanced Electrical Project	$61,180,000.0	Advanced Electrical Project	1
	Passaic Valley Sewerage Commission	S340689-53	Plantwide SCADA Improvements	$17,611,000.0	Pilot Project - SCADA Upgrade Oxygenation Tanks	1
	Passaic Valley Sewerage Commission	S340689-54	5th Thickening Centrifuge Project	$5,645,000.0	Equipment Procurement	1
	Passaic Valley Sewerage Commission	S340689-54	5th Thickening Centrifuge Project	$9,878,844.0	Installation	2
	Passaic Valley Sewerage Commission	S340689-57	Phase V - Line Improvements Program		Contract 1 - B182	COS-1
	Passaic Valley Sewerage Commission	S340689-57	Phase V - Line Improvements Program		Contract 2 - B202	COS-2
	Passaic Valley Sewerage Commission	S345200-01	Combined Sewer Overflow Long Term Control Planning	$7,547,516.0	Planning and Design	LTCP
	Passaic Valley Sewerage Commission	S345200-01	Combined Sewer Overflow Long Term Control Planning	$1,270,000.0	LTCP P&D#2	addm
	Passaic Valley Water Commission	0231001-002	Lead Service Line Replacement in Lodi System	$7,400,000.0	Lead Service Line Replacement	1
	Passaic Valley Water Commission	0239001-002	Lead Service Line Replacement in North Arlington System	$10,500,000.0	Lead Service Line Replacement	1
	Passaic Valley Water Commission	1605002-002	Lead Service Line Replacement in Main System	$55,000,000.0	Lead Service Line Replacement	1
	Passaic Valley Water Commission	1605002-014	Levine Reservoir Water Storage Improvements - Phase 1	$13,050,000.0	CH2M/HMM	
	Passaic Valley Water Commission	1605002-014	Levine Reservoir Water Storage Improvements - Phase 1	$13,050,000.0	Levine Reservoir Water Storage Improvements	1 of 1
	Pennsville Sewerage Authority	S340870-05	Wastewater Treatment Plant Improvements	$2,295,000.0	WWTP Improvements (1 of 2) - RBC Units	COS-1

APPENDIX C
STATUS OF OPEN PROJECTS

Perth Amboy City	1216001-500	Install New Stand-by Generator for Runyon Water Treat. Plant	$2,750,000.0	Install Generator @ Runyon WTP	1
Perth Amboy City	S340435-19	The Purchasing of a CCTV Video Pipeline Inspection System Project	$400,000.0	The Purchasing of a CCTV Video Pipeline Inspection System	1
Perth Amboy City	S345220-01	CSO Permit Development of Long Term Control Plan	$670,000.0	Planning and Design	1 of 1
Plainfield Municipal Utilities Authority	S340240-06	Transfer Station Improvement	$11,675,000.0	Transfer Station Improvement	1 of 1
Princeton	S340656-08	System-wide Sanitary Sewer Rehabilitation	$4,300,000.0	Sanitary Sewer Rehab	1
Princeton	S340656-11	Improvements to Linden Lane and Spruce Street	$1,875,000.0	Improvements to Linden Lane and Spruce Street	1 of 1
Princeton	S340656-12	Improvements to Bank Street	$1,871,601.0	Improvements to Bank Street	1 of 1
Rahway Valley Sewerage Authority	S340547-17	Headworks Influent Bar Screen Replacement	$5,000,000.0	Headworks Influent Bar Screen Replacement	COS-1
Ridgefield Park Village	S345230-01	Planning for Long Term Control Plan CSO	$800,002.0	TBD	
Riverside Sewerage Authority	S340490-01	Riverside Sewerage Authority Primary Digester Mixing System	$449,343.0	Primary Digester Mixing System	1 of 1
Roosevelt Borough	1314001-003	Improvements to Farm Lane and School Lane	$800,000.0	Improvements to Farm Lane and School Lane	1 of 1
Roselle Borough	S340332-02	Cleaning & lining of sanitary sewer	$3,800,000.0	Sanitary Sewer Rehab	1
Roselle Park (JMEUC) Borough	S340686-08h	Flood Mitigation Project (JMEUC)	$71,257.0	Planning & Design Stage 1 Wastewater Treatment Plant Effluent Pumping Station	1
Roselle Park (JMEUC) Borough	S340686-11h	Flood Mitigation Phase II Cogeneration Upgrade	$257,515.0	Wastewater Treatment Plant Co-Generation Upgrade	PD-1
Runnemede Borough	S340363-06	Sanitary Sewer slip-lining at various locations	$1,800,000.0	Sanitary Sewer slip-lining	1 of 1
Runnemede Borough	S340363-07	Sanitary Sewer Extension and Pump Station	$3,500,000.0	Sanitary Sewer Extension and Pump Station	COS-1
Salem City	1712001-004	Salem City Water Meter	$1,900,000.0	Salem City Water Meter Replacement	1
Salem City	S340235-03	Salem City Water Meter (FKA DW)	$1,900,000.0	Salem City Water Meter (FKA DW)	1
Seaside Park Borough	1527001-003	Water Asset Management Plan	$70,200.0	Water Asset Management Plan	AMP-1
Seaside Park Borough	1527001-004	Well 10 Treatment Facility	$977,874.0	Well 10 Treatment Plant Upgrade Phase II	1 of 1
Seaside Park Borough	1527001-004	Well 10 Treatment Facility	$78,000.0	Planning and Design	PD-1

APPENDIX C
STATUS OF OPEN PROJECTS

Somerset Raritan Valley Sewer Authority	S340801-09	WWTP Rehabilitation Improvements (SFY2019)	$6,500,000.0	Planning and Design	PD-1
Somerville Borough	S340551-01	Somerville Sanitary Sewers Project 19-001	$895,000.0	Somerville Sanitary Sewers Project 19-001	1 of 1
South Monmouth Regional Sewer Authority	S340377-06	Pump Station Upgrades - Brielle and Glimmer Glass	$1,700,000.0	Pump Station Upgrades - Brielle and Glimmer Glass	1 of 1
South Orange Village	0719001-001	Well 17 Rehabilitation	$250,000.0	Well 17 Rehabilitation	1 of 1
South Orange Village	0719001-004	Farrell Field (Walton Ave & Audley St.) Interconnection Rehab.	$150,000.0	Farrell Field Interconnectio n Rehabilitation	1 of 1
South Orange Village	0719001-009	Scotland Road Water Mains	$4,100,000.0	Scotland Road Water Main Replacement	1
South Orange Village	S340103-02	The Township of South Orange Village Water Utility - Advanced Metering Infrastructure (AMI) Implementation Project	$1,200,000.0	AMI Purchase	1 of 3
South Orange Village	S340103-02	The Township of South Orange Village Water Utility - Advanced Metering Infrastructure (AMI) Implementation Project	$1,200,000.0	Software procurement	2 of 3
South Orange Village	S340103-02	The Township of South Orange Village Water Utility - Advanced Metering Infrastructure (AMI) Implementation Project	$1,270,000.0	Water Meter	3 of 3
South Orange Village (JMEUC) Township	S340686-08i	Flood Mitigation Facilities Project	$111,408.0	Planning & Design Stage 1 Wastewater Treatment Plant Effluent Pumping Station	1
South Orange Village (JMEUC) Township	S340686-09F	Capital Improvements Projects 2019	$75,000.0	Engineering planning & Design Capital Projects 2019	1
South Orange Village (JMEUC) Township	S340686-11i	Flood Mitigation Phase II Cogeneration Upgrade	$348,932.0	Wastewater Treatment Plant Co-Generation Upgrade	PD-1
South River Borough	1223001-003	Rehabilitation of Borough Wells	$1,300,000.0	Rehabilitation of Borough Wells	1
Stafford Township	S340946-08	Beach Haven West Sanitary Sewer Replacement Phase III	$2,955,000.0	Beach Haven West Sanitary Sewer Replacement Phase !!!	1 of 1
Stafford Township	S340946-09	Beach Haven West Sanitary Sewer Replacement Phase IV		Beach Haven West Sanitary Sewer Replacement Phase IV	COS-1
Stafford Township	S344100-03	Neptune Basin Expansion	$4,083,056.0	2014 Neptune Basin Expansion	1

APPENDIX C
STATUS OF OPEN PROJECTS

	Summit (JMEUC) City	S340686-08j	Flood Mitigation Project (JMEUC)	$217,237.0	Planning & Design Stage 1 Wastewater Treatment Plant Effluent Pumping Station	1
	Summit (JMEUC) City	S340686-09G	Capital Improvements Projects 2019	$145,000.0	Engineering Planning & Design Capital projects	1
	Summit (JMEUC) City	S340686-11j	Flood Mitigation Phase II Cogeneration Upgrade	$592,667.0	Wastewater Treatment Plant Co-Generation Upgrade	PD-1
	Toms River Municipal Utilities Authority	S340145-07	Sanitary Sewer Rehabilitation	$2,500,000.0	SR-01-20 (Cured-In-Place Lining Rehab)	COS-1
	Toms River Municipal Utilities Authority	S340145-07	Sanitary Sewer Rehabilitation	$3,000,000.0	SRDR-01-20 (Dig & Replace Rehab)	COS-2
	Toms River Municipal Utilities Authority	S340145-07	Sanitary Sewer Rehabilitation	$3,000,000.0	SRDR-02-20 (Dig & Replace)	COS-3
	Two Rivers Water Reclamation Authority	S340117-10	New Main Pump Station	$2,955,000.0	Pleasure Bay Crossing & Main PS Replacement P/D	1 of 2
	Two Rivers Water Reclamation Authority	S340117-10	New Main Pump Station	$72,045,000.0	Pleasure Bay Crossing & Main PS Replacement	2 of 2
	Union (JMEUC) Township	S340686-08k	Flood Mitigation Facilities Project	$466,909.0	Planning & Design Stage 1 Wastewater Treatment Plant Effluent Pumping Station	1
	Union (JMEUC) Township	S340686-09H	Capital Improvements Projects 2019	$310,000.0	Engineering Planning & Design Capital Projects 2019	1
	Union (JMEUC) Township	S340686-11k	Flood Mitigation Phase II Cogeneration Upgrade	$1,166,478.0	Wastewater Treatment Plant Co-Generation Upgrade	PD-1
	University Hospital	S340500-03	Univeristy Hospital Co Generation Plant	$385,000.0	University Hospital Co Generation Plant Design Build Auth to Exec Documentation	1 of 1
	Upper Deerfield Township	0613004-002	Seabrook Water Tower Replacement (Upper Deerfield)	$2,000,000.0	Seabrook Water Tower Replacement	1
	Vernon Township	S340745-03	Pump Station 2 Sewer Rehabilitation	$100,000.0	Vernon Twp Asset Management	1 of 1
	Vernon Township	S340745-03	Pump Station 2 Sewer Rehabilitation		Pump Station 2 Sewer Rehabilitation	COS-1

APPENDIX C
STATUS OF OPEN PROJECTS

	Vineland City	0614003-016	Well 17 Treatment Facility	$3,000,000.0	Ion Exchange Equipment Purchase	1 of 3
	Vineland City	0614003-016	Well 17 Treatment Facility	$3,000,000.0	Radium Treatment Equipment Purchase	2 of 3
	Vineland City	0614003-016	Well 17 Treatment Facility	$3,000,000.0	City of Vineland No 17 Treatment Facility Construction Contract (Volume I) {and Volume II [Book 1 of 2]}?	3 of 3
	Vineland City	0614003-017	2016 Water Distribution Rehabilitation Project	$1,550,000.0	TBD	1 of 1
	Vineland City	0614003-017	2016 Water Distribution Rehabilitation Project	$1,550,000.0	2016 Water Distribution System Rehab	1 of 1
	Waldwick Borough	0264001-003	Water Treatment Systems	$3,550,000.0	Water Treatment Systems	1
	West Cape May Borough	0512001-001	Lead Line Remediation	$1,000,000.0	Lead Line Remediation	COS-1
	West Deptford Township	0820001-004	Jessup Road Water Storage Tank Repair and Repainting	$3,300,000.0	Jessup Road Water Storage Tank Repair and Repainting	1
	West Deptford Township	S340947-06	Water Meter Replacement Project (FKA DW)	$4,720,000.0	Water Meter Replacement	
	West Orange (JMEUC) Township	S340686-08I	Flood Mitigation Facilities Project	$296,027.0	Planning & Design Stage 1 Wastewater Treatment Plant Effluent Pumping Station	1
	West Orange (JMEUC) Township	S340686-09I	Capital Improvements Projects 2019	$200,000.0	Engineering Planning & Design Capital Projects 2019	1
	West Orange (JMEUC) Township	S340686-11I	Flood Mitigation Phase II Cogeneration Upgrade	$775,448.0	Wastewater Treatment Plant Co-Generation Upgrade	PD-1
	West Wildwood Borough	S340626-05	Storm Sewer Improvements to Avenues P, Q, R, S & Mueller Avenue	$472,500.0	Construction	
	West Wildwood Borough	S340626-05	Storm Sewer Improvements to Avenues P, Q, R, S & Mueller Avenue	$472,500.0	Construction Management and Inspection	
	West Wildwood Borough	S340626-05	Storm Sewer Improvements to Avenues P, Q, R, S & Mueller Avenue	$472,500.0	Construction	
	West Wildwood Borough	S340626-05	Storm Sewer Improvements to Avenues P, Q, R, S & Mueller Avenue	$472,500.0	Construction Management and Inspection	
	Western Monmouth Utilities Authority	S340128-08	Hawkins Road and Millponds Forcemain Replacement	$8,000,000.0	Replacement of Hawkins Road and Mill Ponds Force Mains	1
	Willingboro Municipal Utilities Authority	0338001-010	Well5A PFOS Treatment System Upgrade	$4,700,000.0	Well5A PFOS Treatment System Upgrade	COS-1
	Willingboro Municipal Utilities Authority	0338001-011	Well 6 Water Treatment Plant Upgrade	$0.0	N/A	
	Willingboro Municipal Utilities Authority	0338001-011	Well 6 Water Treatment Plant Upgrade	$0.0	N/A	

APPENDIX C
STATUS OF OPEN PROJECTS

	Willingboro Municipal Utilities Authority	0338001-011	Well 6 Water Treatment Plant Upgrade	$0.0	N/A	
	Willingboro Municipal Utilities Authority	0338001-011	Well 6 Water Treatment Plant Upgrade	$11,676,960.0	Willingboro Well No. 6	4
	Willingboro Municipal Utilities Authority	S340132-08	Collection System Resiliency	$950,000.0	Collection System Resiliency Improvements - Manhole Repair	1 of 2
	Willingboro Municipal Utilities Authority	S340132-08	Collection System Resiliency	$950,000.0	Collection System Resiliency Improvements - Timber Crossing Replacement	2 of 2
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	$76,151.0	Asbury Place - Pipe Lining	1
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	$331,806.0	Lehigh Manor Drive - Pipe Lining	2
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	$326,350.0	Primrose Gate Drive	3
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	$74,017.0	Eastmont Lane - Pipe Replacement	4
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	$130,885.0	Evergreen Avenue - Pipe Replacement	5
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	$159,327.0	South Cedarbrook Road - Manhole replacement	6
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	$101,464.0	Thousand Oaks Drive - Manhole Replacement	7
	Woodbridge Township	S340433-11	Control of Odors and Corrosion in the Port Reading Interceptor	$15,300,000.0	Control of Odors and Corrosion in the Port Reading Interceptor	1
	Woodland Heights Homeowners Association	1615022-001	Well Rehabilitation/System Improvements	$560,000.0	Well Rehabilitation	COS-1
	Woodland Heights Homeowners Association	1615022-001	Well Rehabilitation/System Improvements		Well Rehabilitation	PD-1
	TOTALS		**388 ACTIVE CONTRACTS**	**$2,519,235,029.0**		

Projects That Moved Into Active Review

Color	Project Sponsor	Project Number	Project Name	Project Priority List Cost	LOI Date
	Emerson Borough	S340497-02	Cindy Lane Pump Station Improvement	$450,000	2022-03-04
	Hackensack City	S340923-22	City of Hackensack - Various Sanitary Sewer Improvements and Repairs (MKM)		2022-03-11
	Pleasantville City	S340752-04	Sewer Infactructure 2016-2017		2022-03-15
	Mount Arlington Borough	1426005-003	Altenbrand, Windemere, McGregor and Lee Water Main Extension	$2,020,000	2022-03-08
	North Wildwood City	S340663-09	Storm Water Pump Station		2022-03-11
	Monroe Municipal Utilities Authority	0811002-002	Water Treatment System Rehabilitation		2022-03-23
	Monroe Municipal Utilities Authority	S340423-08	Meter Installation Program		2022-03-23
	Monroe Municipal Utilities Authority	S340423-07	Sanitary Sewer Rehabilitation		2022-03-07
	Monroe Municipal Utilities Authority	S340423-06	Pump Station Replacement/Rehabilitation		2022-03-21
	Eagleswood Village MHP	1508001-001	Eagleswood Village Water Improvement		2022-03-14
	Hackettstown Municipal Utilities Authority	2108001-001	Construction of New Water Storage Tank w/ related water distribution lines	$4,500,000	2022-03-08
	Ventnor City	0122001-002	Water Infrastructure Project		2022-03-23
	Gloucester Township	S340364-18	Gloucester Township Stormwater Improvements		2022-03-21
		TOTALS	**13 PROJECTS**	**$6,970,000**	

APPENDIX D

New Jersey Infrastructure Bank - Series 2023A-1 - Pro Forma
**** PRELIMINARY, SUBJECT TO CHANGE ****

Borrower Payment Date	Principal	Coupon	Bond Interest	I-Bank Loan Debt Service	I-Bank Fee	Net I-Bank Loan Payment	DEP Fund Loan Debt Service	DEP Fee	Annual Debt Service and Fees
6/23/2023									
8/1/2023			6,545,024	6,545,024	1,546,819	8,091,842	31,227,563	20,658,307	59,977,712
2/1/2024			17,325,063	17,325,063	1,546,819	18,871,881	15,613,781		
8/1/2024	20,465,000	5.000%	17,325,063	37,790,063	1,546,819	39,336,881	31,227,563		105,050,106
2/1/2025			16,813,438	16,813,438	1,546,819	18,360,256	15,613,781		
8/1/2025	21,510,000	5.000%	16,813,438	38,323,438	1,546,819	39,870,256	31,227,563		105,071,856
2/1/2026			16,275,688	16,275,688	1,546,819	17,822,506	15,613,781		
8/1/2026	22,615,000	5.000%	16,275,688	38,890,688	1,546,819	40,437,506	31,227,563		105,101,356
2/1/2027			15,710,313	15,710,313	1,546,819	17,257,131	15,613,781		
8/1/2027	23,775,000	5.000%	15,710,313	39,485,313	1,546,819	41,032,131	31,227,563		105,130,606
2/1/2028			15,115,938	15,115,938	1,546,819	16,662,756	15,613,781		
8/1/2028	24,990,000	5.000%	15,115,938	40,105,938	1,546,819	41,652,756	31,227,563		105,156,856
2/1/2029			14,491,188	14,491,188	1,546,819	16,038,006	15,613,781		
8/1/2029	26,275,000	5.000%	14,491,188	40,766,188	1,546,819	42,313,006	31,227,563		105,192,356
2/1/2030			13,834,313	13,834,313	1,546,819	15,381,131	15,613,781		
8/1/2030	27,625,000	5.000%	13,834,313	41,459,313	1,546,819	43,006,131	31,227,563		105,228,606
2/1/2031			13,143,688	13,143,688	1,546,819	14,690,506	15,613,781		
8/1/2031	29,040,000	5.000%	13,143,688	42,183,688	1,546,819	43,730,506	31,227,563		105,262,356
2/1/2032			12,417,688	12,417,688	1,546,819	13,964,506	15,613,781		
8/1/2032	30,530,000	5.000%	12,417,688	42,947,688	1,546,819	44,494,506	31,227,563		105,300,356
2/1/2033			11,654,438	11,654,438	1,546,819	13,201,256	15,613,781		
8/1/2033	32,095,000	5.000%	11,654,438	43,749,438	1,546,819	45,296,256	31,227,563		105,338,856
2/1/2034			10,852,063	10,852,063	1,546,819	12,398,881	15,613,781		
8/1/2034	33,400,000	3.000%	10,852,063	44,252,063	1,546,819	45,798,881	31,227,563		105,039,106
2/1/2035			10,351,063	10,351,063	1,546,819	11,897,881	15,613,781		
8/1/2035	34,415,000	3.000%	10,351,063	44,766,063	1,546,819	46,312,881	31,227,563		105,052,106
2/1/2036			9,834,838	9,834,838	1,546,819	11,381,656	15,613,781		
8/1/2036	35,505,000	3.250%	9,834,838	45,339,838	1,546,819	46,886,656	31,227,563		105,109,656
2/1/2037			9,257,881	9,257,881	1,546,819	10,804,700	15,613,781		
8/1/2037	36,685,000	3.250%	9,257,881	45,942,881	1,546,819	47,489,700	31,227,563		105,135,744
2/1/2038			8,661,750	8,661,750	1,546,819	10,208,569	15,613,781		
8/1/2038	37,940,000	3.500%	8,661,750	46,601,750	1,546,819	48,148,569	31,227,563		105,198,481
2/1/2039			7,997,800	7,997,800	1,546,819	9,544,619	15,613,781		
8/1/2039	39,290,000	3.500%	7,997,800	47,287,800	1,546,819	48,834,619	31,227,563		105,220,581
2/1/2040			7,310,225	7,310,225	1,546,819	8,857,044	15,613,781		
8/1/2040	40,695,000	3.500%	7,310,225	48,005,225	1,546,819	49,552,044	31,227,563		105,250,431
2/1/2041			6,598,063	6,598,063	1,546,819	8,144,881	15,613,781		
8/1/2041	42,145,000	3.500%	6,598,063	48,743,063	1,546,819	50,289,881	31,227,563		105,276,106
2/1/2042			5,860,525	5,860,525	1,546,819	7,407,344	15,613,781		
8/1/2042	43,640,000	3.500%	5,860,525	49,500,525	1,546,819	51,047,344	31,227,563		105,296,031
2/1/2043			5,096,825	5,096,825	1,024,427	6,121,252	8,786,719		
8/1/2043	23,170,000	3.500%	5,096,825	28,266,825	1,024,427	29,291,252	17,573,437		61,772,660
2/1/2044			4,691,350	4,691,350	1,024,427	5,715,777	8,786,719		
8/1/2044	23,995,000	3.500%	4,691,350	28,686,350	1,024,427	29,710,777	17,573,437		61,786,710
2/1/2045			4,271,438	4,271,438	1,024,427	5,295,865	8,786,719		
8/1/2045	24,880,000	3.750%	4,271,438	29,151,438	1,024,427	30,175,865	17,573,437		61,831,885
2/1/2046			3,804,938	3,804,938	1,024,427	4,829,365	8,786,719		
8/1/2046	25,830,000	3.750%	3,804,938	29,634,938	1,024,427	30,659,365	17,573,437		61,848,885
2/1/2047			3,320,625	3,320,625	1,024,427	4,345,052	8,786,719		
8/1/2047	26,820,000	3.750%	3,320,625	30,140,625	1,024,427	31,165,052	17,573,437		61,870,260
2/1/2048			2,817,750	2,817,750	1,024,427	3,842,177	8,786,719		
8/1/2048	27,845,000	3.750%	2,817,750	30,662,750	1,024,427	31,687,177	17,573,437		61,889,510
2/1/2049			2,295,656	2,295,656	1,024,427	3,320,083	8,786,719		
8/1/2049	28,910,000	3.750%	2,295,656	31,205,656	1,024,427	32,230,083	17,573,437		61,910,323
2/1/2050			1,753,594	1,753,594	1,024,427	2,778,021	8,786,719		
8/1/2050	30,015,000	3.750%	1,753,594	31,768,594	1,024,427	32,793,021	17,573,437		61,931,198
2/1/2051			1,190,813	1,190,813	1,024,427	2,215,240	8,786,719		
8/1/2051	31,160,000	3.750%	1,190,813	32,350,813	1,024,427	33,375,240	17,573,437		61,950,635
2/1/2052			606,563	606,563	1,024,427	1,630,990	8,786,719		
8/1/2052	32,350,000	3.750%	606,563	32,956,563	1,024,427	33,980,990	17,573,438		61,972,136
	877,610,000		513,256,036	1,390,866,036	80,814,466	1,471,680,502	1,184,814,663	20,658,307	2,677,153,472
Dated Date:	6/23/2023								

(1) Assumes interest rates from preliminary Series 2022A-1 Cashflows
(2) Assumes approximately $881 million of projects funded with I-Bank Loans and $1.185 billion of projects funded with Fund Loans
(3) Assumes 34% of projects funded with a 20 year final maturity and 66% of projects funded with a 30 year final maturity (consistent with Series 2022A-1)
(4) I-Bank Fee is .075% of total par amount paid semi-annually

APPENDIX E

NEW JERSEY INFRASTRUCTURE BANK

July 1, 2022 to June 30, 2023

		Water		Trans		Combined	
REVENUES		2022	DRAFT 2023	2022	DRAFT 2023	2022	DRAFT 2023
	Total Annual Admin Fee	5,670,333	5,651,139	0	0	5,670,333	5,651,139
	Annual Admin Fee Direct Loans	23,869	23,622			23,869	23,622
	Transportation Admin Fee			1,079,896	717,500	1,079,896	717,500
	Admin Fee Total =	5,694,201	5,674,761	1,079,896	717,500	6,774,097	6,392,261
	Loan Surcharge (COI at closing)(Fall Deal & WIFIA)	145,000	68,411	16,494	22,500	161,494	90,911
	Loan Surcharge (COI at closing)(Spring Deal - May '23)	75,000	147,196	-	-	75,000	147,196
	Loan Surcharge Total =	220,000	215,607	16,494	22,500	236,494	238,107
	Interest Income (S-T CLP Loans)	375,368	2,520,000	274,986	181,878	650,354	2,701,878
	Direct Loans	125,857	115,628	-	0	125,857	115,628
	Earnings Credits	115,255	62,614	-	0	115,255	62,614
	BRIC Reimbursement	-	202,500	-	0	-	202,500
	Investment Interest Income:	35,540	213,500	983	339,991	36,523	553,491
	TTF State Appropriations for Operations	-	0	1,600,000	1,600,000	1,600,000	1,600,000
	Other Income Total =	652,019	3,114,242	1,875,970	2,121,869	2,527,989	5,236,111
	TOTAL REVENUES =	6,566,220	9,004,611	2,972,360	2,861,869	9,538,581	11,866,480
EXPENSES		2022	DRAFT 2023	2022	DRAFT 2023	2022	DRAFT 2023
FINANCING PROGRAMS	Bond Counsel - Bond/Loan Issuance Costs (M&E, CSG)	902,100	1,063,400	331,000	240,000	1,233,100	1,303,400
	Bond Counsel - Program / Development Charges (M&E, CSG)	384,000	414,000	210,000	135,000	594,000	549,000
	B.C. Total =	1,286,100	1,477,400	541,000	375,000	1,827,100	1,852,400
	Financial Advisor - Bond/Loan Issuance Costs (PFM, Hilltop)	246,850	293,500	105,000	95,000	351,850	388,500
	Financial Advisor - Program / Development Charges (PFM, Hilltop)	159,000	129,000	155,000	135,000	314,000	264,000
	F.A. Total =	405,850	422,500	260,000	230,000	665,850	652,500
	Short Term Borrowing Fees and Interest	62,500	350,000	122,867	-	185,367	350,000
	Custodial, Trustee and Loan Servicer Fees (Includes UCC Filings)	152,328	155,328	18,000	18,000	170,328	173,328
	Rating Service (ST & Bond Programs)	516,500	894,687	79,000	-	595,500	894,687
	Master Program Trustee	22,000	22,000	8,000	5,600	30,000	27,600
	Arbitrage Rebate Services	38,200	38,150	-	-	38,200	38,150
	3rd Party Bond Issuance Expenses (iPREO, Newspapers, POS/OS)	15,000	156,900	-	-	15,000	156,900
	TOTAL FINANCING PROGRAM EXPENSES =	2,498,478	3,516,964	1,028,867	628,600	3,527,344	4,145,564
NJIB OPERATIONS	Total Salaries & Fringe (Original)	3,132,446	3,580,648	1,493,441	1,378,520	4,625,887	4,959,168
	a. FTE Salaries (Original)	1,723,261	2,274,143	1,037,562	973,902	2,760,823	3,248,045
	b. Fringe + DEP Indirect (**2023**: 42.15% + 20.0%)	1,409,185	1,306,505	455,878	404,618	1,865,063	1,711,123
	Human Resources (HRIS+Payroll Svcs, Training, Memberships, Recruitin	11,728	11,175	7,061	4,786	18,789	15,961
	I.T. - Expenses (Hardware, Software, Online Services)	337,100	351,018	202,966	150,323	540,066	501,341
	Admin Expenses General (Office supplies, bond buyer, publications, etc	18,400	21,052	11,078	9,016	29,478	30,068
	Facilities - Rent & Property Insurance, PSEG	108,063	136,245	65,064	58,347	173,126	194,592
	Investment Advisor (PFM-AM)	92,400	95,900	382	52,390	92,782	148,290
	Auditor - NJIB Financials (CLA LLP)	16,853	19,534	10,147	8,366	27,000	27,900
	Auditor - State CW/DW SRF Financials (CLA LLP)	55,100	56,700	-	-	55,100	56,700
	Internal Control Audit (CohnReznick)	88,322	99,072	53,178	42,428	141,500	141,500
	Accounting System Maintenance & Support	18,413	19,464	11,087	8,336	29,500	27,800
	State Liason Charges (AG/GAU)	53,912	85,559	41,554	34,567	95,466	120,126
	Reports, Publications, Confrences & Marketing	23,787	47,409	14,322	20,303	38,109	67,712
	Vehicle (Insurance, gasoline, depreciation)	5,949	8,479	3,582	3,631	9,531	12,110
	Depreciation (Other: IT, Furniture, etc)	12,218	9,787	6,733	5,809	18,950	15,596
	Board Member Expense (Bond + misc)	5,483	34,847	3,301	14,923	8,785	49,770
	TOTAL OPERATING EXPENSES =	3,980,174	4,576,889	1,923,895	1,791,744	5,904,069	6,368,633
	TOTAL EXPENDITURES =	6,478,651	8,093,854	2,952,762	2,420,344	9,431,413	10,514,197
	Unencumbered Contingencies (for Direct Loans, etc.) =	$ 87,569	$ 910,758	$ 19,598	$ 441,525	$ 107,168	$ 1,352,283
	One Time charge for Net Pension Liability [1]	N/A	(2,800,630)	N/A	(1,199,370)	N/A	(4,000,000)

* certain funds and interest earned are restricted

[1] TBD - Waiting on NJ Pension Department

APPENDIX F

(RESERVED)

APPENDIX G

(RESERVED)

This Page Intentionally Left Blank

Exhibit H1

Green Bond Report

New Jersey Environmental Infrastructure Trust - **Series 2015A-2**

Bond Sale Date: November 10, 2015

Bond Par Amount	$	9,555,000.00
Net Premium (priced at 107.789)	$	744,197.55
Net Bond Proceeds	$	10,299,197.55
Project Fund Exclusions (Capitalized Int., Fees and COI)	$	(704,330.55)
Original Bond Proceeds Available for Projects	$	9,594,867.00 [A]
As of March 31, 2022:		
Total Project Disbursements	$	(9,317,515.00)
Total Funds Applied to Loan Repayments/Defeasances	$	(243,558.35)
Project Funds Disbursed to Date	$	(9,561,073.35) [B]
Net Bond Proceeds Remaining	$	33,793.65 [C]

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Caldwell, Borough	Project # S340523-04-1. Wastewater Treatment Plant upgrade. Improved groundwater quality.	$ 766,364.00	$ 421,500.00	$ 294,234.00 $ 127,266.00 [1]	Completed
Camden County MUA	Project # S340640-06-2. Sludge Drying Facility. Improved groundwater quality	$ 1,546,238.00	$ 386,559.00	$ 386,559.00	Completed
Camden County MUA	Project # S340640-14-1. Increase resiliency and reduce flooding potential of Camden City's Combined Sewer and Sanitary Sewer Overflow segments. Construct rain gardens and reconstruct sewer to remove contaminants via runoff. Control storm water and improve water quality.	$ 423,000.00	$ 105,750.00	$ 38,700.00 $ 33,256.35 [1]	$ 33,793.65
Cape May County MUA	Project # S342017-04. Improvements to sanitary landfill, stormwater discharge, leachate collection system and removal of suspended solids and slits prior to discharge into groundwater.	$ 5,431,440.00	$ 1,357,860.00	$ 1,337,306.00 $ 20,554.00 [1]	Completed
Egg Harbor Township MUA	Project # S340753-04. Rehabilitate interceptor for wastewater collection and pumping system to enhance ground water quality.	$ 1,050,683.00	$ 262,671.00	$ 255,846.00 $ 6,825.00 [1]	Completed
Hoboken, City of	Project # S340635-04 (Sandy PF). Construct wet weather pump station with emergency generator, a system to capture rainwater runoff, and rain gardens in a city served by a combined sewer system. Project will enhance groundwater quality.	$ 10,587,764.00	$ 2,646,941.00	$ 2,619,311.00 $ 27,630.00 [1]	Completed
Jersey City MUA	Project # S340928-13. Replace Duncan Ave. sewer outfall to improve CSO wastewater system and groundwater quality.	$ 11,981,343.00	$ 2,995,336.00	$ 2,995,336.00	Completed
Raritan Township MUA	Project # S340485-09. Replacement of motor control center and construct water-tight enclosure for equipment at main treatment plant operations building optimizing plant treatment, safety and reliability.	$ 1,591,600.00	$ 397,900.00	$ 397,900.00	Completed
Tuckerton, Borough of - CW	Project # S340034-02 (Sandy PF). Replacememt of deteriorated sanitary sewer mains in wastewater treatment system. Improve groundwater quality.	$ 1,960,000.00	$ 490,000.00	$ 490,000.00	Completed
Tuckerton, Borough of - DW	Project # 1532002-003/005. Repair and repaint water tower and replace water main enhancing clean drinking water system.	$ 1,121,401.00	$ 280,350.00	$ 252,323.00 $ 28,027.00 [1]	Completed
Tuckerton, Borough of - Nano	Project # 1532002-005 (Nano) Replace deteriorated water mains and fire hydrants. Improve drinking water supply.	$ 1,000,000.00	$ 250,000.00	$ 250,000.00	Completed
			Total Project Disbursements	**$ 9,317,515.00**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ 243,558.35**	
	TOTAL		**$ 9,594,867.00 [A]**	**$ 9,561,073.35 [B]**	**$ 33,793.65 [C]**

[1] Unexpended Funds applied to either loan repayments or defeasances.

Exhibit H2

Green Bond Report

New Jersey Environmental Infrastructure Trust - **Series 2016A-1**

Bond Sale Date: May 11, 2016

Bond Par Amount	$ 23,925,000.00	
Net Premium (priced at 109.898)	$ 2,368,029.60	
Net Bond Proceeds	$ 26,293,029.60	
Project Fund Exclusions (Capitalized Int., Fees and COI)	$ (1,346,993.90)	
Original Bond Proceeds Available for Projects	$ 24,946,035.70	A
As of March 31, 2022:		
Total Project Disbursements	$ (24,320,807.00)	
Total Funds Applied to Loan Repayments/Defeasances	$ (614,151.46)	
Project Funds Disbursed to Date	$ (24,934,958.46)	B
Net Bond Proceeds Remaining	$ 11,077.24	C

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Brielle, Borough of	Project # 1308801-002/003. Water Main Replacement(002) Storage Tank Demo (003). Improve drinking water supply.	$ 1,489,792.52	$ 372,494.52	$ 367,491.00 $ 5,003.52 [1,2]	Completed
Burlington, Township of	Project # S340712-14. Sewer Rehabilitation to improve groundwater quality.	$ 921,240.00	$ 230,310.00	$ 227,246.00 $ 3,064.00 [1]	Completed
Califon, Borough of	Project # S340431-01. Stormwater Improvements. Improve groundwater quality.	$ 1,358,951.18	$ 340,002.18	$ 329,803.00 $ 10,199.18 [1,2]	Completed
Cape May County MUA	Project # S340661-22. Repair Concrete Wet Wells. Improve groundwater quality.	$ 3,186,004.00	$ 796,501.00	$ 738,906.00 $ 57,595.00 [1]	Completed
Gloucester, City of	Project # S340958-06. Water Street CSO project. Improve groundwater quality.	$ 603,501.00	$ 150,875.00	$ 117,084.00 $ 33,791.00 [1]	Completed
Gloucester, City of	Project # 0414001-020. Water Main Replacement. Improve drinking water supply.	$ 451,169.00	$ 112,792.00	$ 84,118.00 $ 17,596.76 [1]	$ 11,077.24
Gloucester, Township of	Project # S340364-14. Stormwater Improvements. Improve groundwater quality.	$ 1,227,851.00	$ 306,963.00	$ 283,775.00 $ 23,188.00 [1]	Completed
Jersey City MUA	Project # 0906001-011. Water Valve Replacement. Improve drinking water supply.	$ 5,720,471.00	$ 1,430,118.00	$ 1,379,990.00 $ 50,128.00 [1]	Completed
Manasquan, Borough of	Project # S340450-01 (Sandy PF). Resiliency, pump station, elec system controls & bulkheads undermined. Improve groundwater quality.	$ 4,184,641.00	$ 1,046,160.00	$ 1,046,160.00	Completed
Manasquan, Borough of	Project # 1327001-001A. Water Meter System Upgrade. Improve drinking water supply.	$ 1,538,884.00	$ 384,721.00	$ 365,512.00 $ 19,209.00 [1]	Completed
Marlboro, Township of	Project # 1328002-002. Wastewater Treatment Plant Replacement. Improve groundwater quality.	$ 12,246,667.00	$ 3,061,667.00	$ 3,057,259.00 $ 4,408.00 [1]	Completed
Middlesex County UA	Project # S340699-15. Sewage Treatment Plant Upgrades. Improve groundwater quality.	$ 20,456,903.91	$ 5,114,792.91	$ 5,030,204.00 $ 84,588.91 [1,2]	Completed
Milltown, Borough of	Project # S340102-03 (Sandy PF). Substation Relocation. Improve groundwater quality.	$ 14,002,152.65	$ 3,502,152.65	$ 3,409,683.00 $ 92,469.65 [1,2]	Completed
Ocean County UA	Project # S340372-53/54 (Sandy PF). Pump Station Generators & NSA Pump Station Improvements. Improve groundwater quality.	$ 6,478,658.00	$ 1,619,665.00	$ 1,605,701.00 $ 13,964.00 [1]	Completed
Old Bridge MUA	Project # S340945-13 (Sandy PF). Laurence Harbor Bulkhead. Improve groundwater quality.	$ 2,459,899.26	$ 615,373.26	$ 614,842.00 $ 531.26 [2]	Completed
Old Bridge MUA	Project # S340945-08-1. Crossroads Regional Interceptor. Improve groundwater quality.	$ 1,260,358.25	$ 315,358.25	$ 315,000.00 $ 358.25 [2]	Completed
Old Bridge MUA	Project # 1209002-011/012. Rehabilitation of storage tank and upgrade to SCADA System. Improve groundwater quality.	$ 3,787,754.62	$ 947,322.62	$ 908,816.00 $ 38,506.62 [1,2]	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Perth Amboy, City of	Project # S340435-12. Replacement of Catch Basins, cleaning and lining of sewer mains. Improve groundwater quality.	$ 567,697.00	$ 141,924.00	$ 115,785.00 $ 26,139.00 [1]	Completed
Perth Amboy, City of	Project # W1216001-006/007. Rehabilitation of waste water treatment plant. Improve groundwater quality.	$ 2,650,357.00	$ 662,589.00	$ 662,589.00	Completed
Pompton Lakes Borough MUA	Project # S340636-08. Clarifier Mechanism Replacement. Improve groundwater quality.	$ 1,065,983.44	$ 266,670.44	$ 266,437.00 $ 233.44 [2]	Completed
Roosevelt, Borough of	Project # 1341001-001/004. Cleaning and lining of water mains; Water treatment plant upgrades. Improve drinking water quality.	$ 806,386.63	$ 201,798.63	$ 193,091.00 $ 8,707.63 [1,2]	Completed
Ventnor, City of	Project # S340667-02 (Sandy PF). Stormwater Management project. Improve groundwater quality.	$ 5,581,189.00	$ 1,395,297.00	$ 1,271,697.00 $ 123,600.00 [1]	Completed
Wanaque Valley RSA	Project # S340780-04. Sewage Treatment Plant Improvements. Improve groundwater quality.	$ 2,766,202.98	$ 691,885.98	$ 691,439.00 $ 446.98 [2]	Completed
Wanaque Valley RSA	Project # S340780-04 (Sandy PF). Sewage Treatment Plant Improvements. Improve groundwater quality.	$ 1,306,879.00	$ 326,720.00	$ 326,720.00	Completed
Warren Township SA	Project # S340964-01/02. STP Upgrades (01) Fox Hill West & Heather Lane PS (02)	$ 3,646,261.26	$ 911,882.26	$ 911,459.00 $ 423.26 [2]	Completed
			Total Project Disbursements	**$ 24,320,807.00**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ 614,151.46**	
	TOTAL		**$ 24,946,035.70** [A]	**$ 24,934,958.46** [B]	**$ 11,077.24** [C]

[1] Unexpended Funds applied to either loan repayments or defeasances.

[2] Accrued interest due on short term loan paid at time of bond closing

Exhibit H3

Green Bond Report

New Jersey Environmental Infrastructure Trust - **Series 2016A-2**

Bond Sale Date: December 6, 2016

Bond Par Amount	$	7,200,000.00	
Net Premium (priced at 108.580)	$	617,761.95	
Net Bond Proceeds	$	7,817,761.95	
Project Fund Exclusions (Capitalized Int., Fees and COI)	$	(374,301.95)	
Original Bond Proceeds Available for Projects	$	7,443,460.00	A
As of March 31, 2022:			
Total Project Disbursements	$	(7,148,480.00)	
Total Funds Applied to Loan Repayments/Defeasances	$	(265,148.48)	
Project Funds Disbursed to Date	$	(7,413,628.48)	B
Net Bond Proceeds Remaining	$	29,831.52	C

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Bergen County UA	Project # S340386-17. Construction of a combined heat and power cogeneration engine at wastewater treatment plant. Improve groundwater quality.	$ 7,245,708.00	$ 1,811,427.00	$ 1,811,427.00	Completed
Burlington, County of	Project # S340818-07. Lining of existing deteriorated stormwater sewer pipe and rehabilitation of stormwater inlets/catch basins. Purchase of two portable water sedimentation treatment tank systems and storm sewer video camera truck. Improve groundwater quality.	$ 1,693,929.00	$ 423,482.00	$ 326,250.00 $ 97,232.00 1	Completed
Hillsborough, Township of	Project # S340099-02. Construction of Sanitary Sewer Extension including force main, manholes, iknlets and laterals. Improve groundwater quality.	$ 1,141,310.00	$ 285,327.00	$ 271,269.00 $ 14,058.00 1	Completed
Milltown, Borough of	Project # 1214001-004. Phase II of overall plan to correct water distribution system including cleaning water mains and construction of water main loops. Improve groundwater quality.	$ 2,104,096.00	$ 526,024.00	$ 496,585.00 $ 29,439.00 1	Completed
North Hudson SA	Project # S340952-19. (Sandy PF) CSO project to repair and upgrade combined sewer regulators. Improve groundwater quality.	$ 4,300,000.00	$ 1,075,000.00	$ 1,075,000.00	Completed
North Hudson SA	Project # S340952-26. Improvements to Wastewater Treatment Plant including replacement of microstrainers, grating and steel plating and four hypochlorite tanks in chlorination building. Improve groundwater quality.	$ 832,813.00	$ 208,203.00	$ 208,203.00	Completed
Ocean Gate, Borough of	Project # 1521001-001A (Nano). Replacement of approximately 2,950 LF of water mains. Improve drinking water quality and supply.	$ 751,607.00	$ 187,901.00	$ 130,225.00 $ 27,844.48 1	$ 29,831.52
Passaic Valley SC	Project # S340689-22. Yantacaw Pumping Station CSO project. Replacement of pumps, valves and piping within the existing building and replacement of emergency generator and replacement of four comminutors.	$ 3,000,000.00	$ 750,000.00	$ 750,000.00	Completed
Pemberton, Township of	Project # 0329004-004 (Nano). Rehab of Well No. 11 with installation of a radium treatment facility and installation of new subsurface stormwater recharge facility. Improve drinking water quality and supply.	$ 893,333.00	$ 223,333.00	$ 223,333.00	Completed
Pennington, Township of	Project # 1108001-001 (Nano). Replacement and upgrading of water distribution along Upper King George Road and Park Avenue with installation of iron pipe water mains and connections. Improve drinking water quality and supply.	$ 823,740.00	$ 205,935.00	$ 187,827.00 $ 18,108.00 1	Completed
Perth Amboy, City of	Project # S340435-15. Emergency Trunk Sewer Main Repairs. Improve groundwater quality.	$ 1,125,000.00	$ 281,250.00	$ 281,250.00	Completed
Sea Girt, Borough of	Project # S340468-01 (Sandy PF). Extension of stormwater outfalls and replacement of stormwater	$ 1,454,616.00	$ 363,654.00	$ 363,654.00	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Sea Girt, Borough of	stormwater outfalls and replacement of stormwater pipe. Improve groundwater quality.	$ 1,454,010.00	$ 363,654.00		Completed
Washington Twp MUA	Project # S340930-03/04. Sewer Rehabilitation/Forrest Drive Pump Station project. Improve groundwater quality.	$ 1,858,702.00	$ 464,675.00	$ 446,798.00 $ 17,877.00 [1]	Completed
Washington Twp MUA	Project # 0818004-009/011/012/014. Maintenance of water storage tank; security improvements and drill a replacement well. Improve drinking water quality.	$ 2,458,995.00	$ 637,249.00	$ 576,659.00 $ 60,590.00 [1]	Completed
			Total Project Disbursements	**$ 7,148,480.00**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ 265,148.48**	
		TOTAL	**$ 7,443,460.00** [A]	**$ 7,413,628.48** [B]	**$ 29,831.52** [C]

[1] Unexpended Funds applied to either loan repayments or defeasances.

Exhibit H4

Green Bond Report

New Jersey Environmental Infrastructure Trust - **Series 2017A-1**

Bond Sale Date: May 10, 2017

Bond Par Amount	$	31,610,000.00	
Net Premium (priced at 104.528)	$	1,431,382.05	
Net Bond Proceeds	$	33,041,382.05	
Project Fund Exclusions (Capitalized Int., Fees and COI)	$	(1,463,024.05)	
Original Bond Proceeds Available for Projects	$	31,578,358.00	A
As of March 31, 2022:			
Total Project Disbursements	$	(30,848,328.00)	
Total Funds Applied to Loan Repayments/Defeasances	$	(645,162.03)	
Project Funds Disbursed to Date	$	(31,493,490.03)	B
Net Bond Proceeds Remaining	$	84,867.97	C

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Barnegat, Township of	Project # S344130-01 . Purchase of a combination Jet-Vac Truck and associated street cleaning equipment for the purpose of cleaning stormwater collection pipes and sanitary sewer lines, as well as manholes and wet wells. Improve groundwater quality.	$ 408,178.00	$ 102,044.00	$ 102,044.00	Completed
Berkeley Township MUA	Project # 1515004-008 (Nano). Installation of new water main consisting of construction of cement lined ductile iron distribution mains, valves, fire hydrant assemblies and residential service connections. The water mains will provide additional looping in the existing distribution system. Improve drinking water quality and service.	$ 1,000,000.00	$ 250,000.00	$ 250,000.00	Completed
Berkeley Township MUA	Project # 1515004-008. Installation of new water main consisting of construction of cement lined ductile iron distribution mains, valves, fire hydrant assemblies and residential service connections. The water mains will provide additional looping in the existing distribution system. Improve drinking water quality and service.	$ 801,719.00	$ 200,430.00	$ 200,430.00	Completed
Bordentonwn, City of	Project # 0303001-007. Replace filter media and valves in the filtration building of the water treatment plant for routine maintenance and upgrade keeping plant in good operation condition.	$ 1,684,429.00	$ 421,107.00	$ 356,233.00 $ 56,506.13 [1]	$ 8,367.87
Camden County MUA	Project # S340640-15. Construction of green infrastructure facilities, to include rain gardens, planter boxes, porous concrete sidewalks and porous pavement, and replacing approximately 2,736 linear feet of existing deteriorated sections of combined sewer pipes in some of the roadways of the City of Camden. A portion of the project will also include the remediation of the second phase of the Phoenix Park brownfield site. Improve groundwater quality.	$ 5,333,565.00	$ 1,333,391.00	$ 1,246,898.00 $ 86,493.00 [1]	Completed
Cumberland County IA	Project # S342015-03. Construction of a 31.9-acre lateral expansion at the Cumberland County Solid Waste Complex to include new landfill Cells 7, 8 and 9. The project also includes improvements to three leachate pump stations which provide service to existing landfill Cells 1A, 1B and 2A. Improve groundwater quality.	$ 10,198,020.00	$ 2,549,505.00	$ 2,549,505.00	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
East Orange, City of	Project # 0705001-011. Construction of centralized air stripping treatment facility to remove volatile organic compounds from the existing groundwater supply wells. Replacement and rehabilitation of selected groundwater wells to restore significantly diminished production capacity. Improve drinking water quality	$ 9,629,723.00	$ 3,851,889.00	$ 3,851,889.00	Completed
Ewing-Lawrence SA	Project # S340391-10-1. Construction of new preliminary treatment building and installation of grit removal separator units next to the new building, retrofitting its existing chlorine contact tank with an ultraviolet disinfection system and making other mechanical and structural improvements to the plant. Improve groundwater quality.	$ 4,598,316.00	$ 1,202,345.00	$ 1,202,345.00	Completed
Franklin Township SA	Project # S340839-06. Replacement of approximately 3,400 linear feet of existing sewers, installation of approximately 450 linear feet of gravity sewer and construction of the Rodney Avenue Wastewater Pump Station. This project will serve to upgrade deteriorated sections of the Authority's existing sewerage collection system improving groundwater quality.	$ 16,110,434.00	$ 4,027,608.00	$ 4,027,608.00	Completed
Gloucester Township MUA	Project # S340364-13. Replacement of existing Supervisory Control and Data Acquisition (SCADA) system with a new web-based pump station monitoring and control system. The project also includes cured-in-place lining of approximately 3,575 linear feet of existing 8-inch diameter gravity sanitary sewer mains within older sections of the Township and the procurement of a new sewer vacuum truck. Improve groundwater quality.	$ 1,300,000.00	$ 325,000.00	$ 325,000.00	Completed
Hammonton, Town of	Project # S340927-09. Replacement of sanitary sewer mains and storm water piping to replace the existing deteriorated clay sewer mains with polyvinylchloride piping. The project also includes the replacement of the existing concrete metal piping storm sewers with reinforced concrete piping, ductile iron piping and perforated high density polyethylene piping, as well as the installation or replacement of approximately 39 catch basins/inlets. Improve groundwater quality.	$ 2,728,586.00	$ 682,146.00	$ 612,566.00 $ 69,580.00 [1]	Completed
Hammonton, Town of	Project # 0113001-011. Replacement of approximately 2,500 linear feet of the existing water mains to replace old, undersized and leaking water mains and sediment-laden house connections and to comply with fire suppression requirements. Improve drinking water quality.	$ 685,085.00	$ 171,271.00	$ 140,349.00 $ 21,276.90 [1]	$ 9,645.10
Hightstown, Borough of	Project # 1104001-007/008 (Nano). Rehabilitatation of a drinking water well including removal of the well pump, televised inspection of well casings and screens, well cleaning and the installation and testing of a new well pump and ancillary instrumentation. Rehabilitatation of two settling tanks, which shall include cleaning, repairs and repainting, replacement of roof vents, installation of rain lips at the roof manholes and an extension of the existing overflow pipe. Improve drinking water quality.	$ 346,169.00	$ 86,542.00	$ 82,362.00 $ 4,180.00 [1]	Completed
Hoboken, City of	Project # S340635-05 (CSO green). Stormwater improvements to a new public park in the southwest corner of the City with green infrastructure and an underground retention system designed to handle a 10-year storm. The design combines passive rainwater collection with permeable paving, rain gardens and bioswales with subsurface storage beneath the park. Improve groundwater quality.	$ 4,172,126.00	$ 1,043,031.00	$ 1,043,031.00	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Jackson, Township of	Project # S344050-02 (Barnegat Bay). Purchase of a combination Jet-Vac Truck and associated cleaning equipment to assist in the maintenance of storm drains and outfall areas. Improve groundwater quality.	$ 592,700.00	$ 148,175.00	$ 148,175.00	Completed
Manchester UA	Project # 1603001-014. Relocatation of four district water meters and transfer services located at certain elevations in order to provide pressure greater than 40 pounds per square inch and to connect the Manchester Booster Service Zone to the High Pressure Service Zone in order to reduce non-revenue generating water percentage below 26 percent by improving customer metering and eliminating leaks in the system. Improve drinking water quality and supply.	$ 1,632,917.00	$ 408,229.00	$ 398,451.00 $ 9,778.00 1	Completed
Middletown Township SA	Project # S340097-04A. Construction of new electrical building to house a new motor-control center generator. The project will also include mechanical improvements to three clarifiers, rehabilitation of aerial utility crossings at three locations and improvements to several buildings at the Authority's wastewater treatment plant. Improve groundwater quality.	$ 3,821,898.00	$ 955,474.00	$ 931,821.00 $ 23,653.00 1	Completed
Middletown Township SA	Project # S340097-04B (Sandy PF). Construction of new electrical building to house a new motor-control center generator. The project will also include improvements to the Authority's raw sludge building, construction of elevated concrete pads for setting pumps above flood elevation and the installation of flood barriers on door, window or HVAC openings above flood elevation at the wastewater treatment plant. Improve groundwater quality.	$ 2,259,084.00	$ 564,771.00	$ 523,841.00 $ 40,930.00 1	Completed
Newark, City of	Project # 0714001-015. The City will rehabilitate in-place approximately 62,895 linear feet of 6-inch and 8-inch cast iron water distribution mains. The project also includes replacement of approximately 175 line valves and 130 fire hydrants. Improve drinking water quality and distribution.	$ 16,706,536.00	$ 4,176,634.00	$ 4,109,779.00	$ 66,855.00
North Wildwood, City of	Project # S340663-06 (Sandy PF). Repair and rehabilitate existing sanitary sewer and storm sewer systems damaged during Superstorm Sandy. The project entails the replacement of the deteriorated sanitary sewer mains and the sewer laterals to the curb line with more resilient polyvinylchloride pipes. Installation of solid brass caps in the new sanitary sewer cleanouts and new sanitary sewer manholes fitted with drain pans with water tight gasket seals to prevent storm water from entering the sanitary sewer system. Improve groundwater quality.	$ 16,336,634.00	$ 4,084,159.00	$ 4,084,159.00	Completed
Ocean, County of	Project # S344080-04 (Barnegat Bay). Retrofit three existing stormwater conveyance systems to include manufactured treatment devices which will be connected to and located upstream from oustfalls via piping. Improve groundwater quality.	$ 708,678.00	$ 177,169.00	$ 138,249.00 $ 38,920.00 1	Completed
Ocean County UA	Project # S340372-56/57. Rehabilitation of primary clarifiers at Central Water Pollution Control Facility and Southern Water Pollution Control Facility. New mechanical components will remediate the corrosive elements associated with the treatment of wastewater. Rehabilitation of Point Pleasant Beach Interceptor to include pipe lining using cured-in-place lining technology, as well as the rehabilitation of sanitary sewer manholes. Improve groundwater quality.	$ 8,198,643.00	$ 2,049,660.00	$ 1,929,301.00 $ 120,359.00 1	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Oradell, Borough of	Project # S340835-04. Replacement of existing asbestos concrete pipe and existing vitrified clay pipe with polyvinylchloride and ductile iron piping. Relining of existing sewer pipe and chemical root control treatment of 2,944 linear feet of sewer pipe. Improve groundwater quality.	$ 1,034,824.00	$ 258,706.00	$ 204,534.00 $ 54,172.00 [1]	Completed
Rahway, City of	Project # 2013001-008. Construction of an interconnection with Middlesex Water Company encompassing 6,283 linear feet of 16-inch ductile iron pipe terminating at the water treatment plant on Valley Road within the City. Improve drinking water quality and distribution.	$ 2,442,839.00	$ 610,710.00	$ 610,710.00	Completed
Salem County IA	Project # S342022-01. Construction of double composite lined Landfill Cell 11. A clay berm will be constructed around the perimeter and several liner layers will be installed. The expansion will include the installation of a leachate collection system and leachate pumping and conveyance facilities. Installation of new groundwater monitoring wells and landfill gas monitoring wells waround the perimeter of the landfill expansion. Improve groundwater quality.	$ 7,593,450.00	$ 1,898,362.00	$ 1,779,048.00 $ 119,314.00 [1]	Completed
			Total Project Disbursements	**$ 30,848,328.00**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ 645,162.03**	
		TOTAL	**$ 31,578,358.00** [A]	**$ 31,493,490.03** [B]	**$ 84,867.97** [C]

[1] Unexpended Funds applied to either loan repayments or defeasances.

Exhibit H5

Green Bond Report

New Jersey Environmental Infrastructure Trust - **Series 2017A-2**

Bond Sale Date: November 8, 2017

Bond Par Amount	$	18,840,000.00	
Net Premium (priced at 105.334)	$	1,005,014.25	
Net Bond Proceeds	$	19,845,014.25	
Project Fund Exclusions (Capitalized Int., Fees and COI)	$	(780,558.25)	
Original Bond Proceeds Available for Projects	$	19,064,456.00	A
As of March 31, 2022:			
Total Project Disbursements	$	(17,595,476.00)	
Total Funds Applied to Loan Repayments/Defeasances	$	(1,335,222.36)	
Project Funds Disbursed to Date	$	(18,930,698.36)	B
Net Bond Proceeds Remaining	$	133,757.64	C

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Atlantic County UA	Project # S340809-27. Purchase of three new mechanical bar screens to replace the existing screening system to improve screening process and prevent grit from entering downstreatm systems at the wastewater treatment plant. Also purchase six new automated sluice gates with electronic actuators, a self-contained compactor and a bag feed and shaftless conveyor system.	$ 1,056,570.00	$ 376,642.00	$ 359,204.00 $ 17,438.00 1	Completed
Bordentown, City of	Project # 0303001-006. Replacement of existing well to reduce radium level in potable water supply. The project includes drilling of new replacement well, intallation of permanent pumping equipment and construction of masonry well house and associated conveyance piping.	$ 1,182,710.00	$ 295,677.00	$ 266,333.00 $ 29,344.00 1	Completed
Burlington, Township of	Project # S340712-15. Rehabilitation of 15,000 linear feet of existing asbestos cement sanitary sewer mains in various areas of the Township. The project consists of lining existing mains with trenchless technology, cured-in-place pipe lining, seal leaking sewer laterals and repair a of pproximately 400 manholes.	$ 697,722.00	$ 174,430.00	$ 161,356.00 $ 13,074.00 1	Completed
Cinnaminson SA	Project # S340170-07. Upgrade its aeration system and sludge handling processes by replacing existing surface aerators with diffused aeration system and replacing sludge return and sludge waste pump within its service building. Also construction of an ordor control system, relocation of storage sheds and construction of an addition to its garage building to house a Jet Vac truck.	$ 7,512,911.00	$ 1,878,228.00	$ 1,830,167.00 $ 48,061.00 1	Completed
Cumberland County UA	Project # S340550-07/08. Replace and improve various components of the headworks building, including existing deteriorated handrails and grating, sluice grates and grit removal units. Also replace two aeration blowers with new, high-efficiency blowers and rehabilitate the North Primary Clarifier. Project includes converstion of pump station from a wet well/dry well configuration to a submersible style station (i) by installing two new submersible pumps in the existing wet well, new electrical and control components above grade, a new screening device to replace the existing bar screen and a new mixer in the wet well, i) by providing a new valve chamber, and iii) by replacing the existing emergency generator with a new diesel driven generator.	$ 2,146,339.00	$ 536,584.00	$ 434,014.00 $ 44,317.07 1	$ 58,252.93
Elizabeth, City of	Project # S340942-18. Installation of new combined sewer manholes, pipes, stormwater control structures, manholes and underground culverts and replace existing sanitary sewers and undersized storm sewers on Progress Strees and North Avenue.	$ 6,650,027.00	$ 1,662,506.00	$ 1,653,101.00 $ 9,405.00 1	Completed
Gloucester, City of	Project # 0414001-020A. Installation of new 8 inch diameter iron water main pipe at Freedom Pier section of city to alleviate system pressure fluctuations and improve water supply and water quality.	$ 219,712.00	$ 54,928.00	$ 45,623.00 $ 9,305.00 1	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Gloucester, City of	Project # S340958-07. Construction of 8 inch diameter polyvinyl choride pipe gravity mains with appurtanences at Freedom Pier secion of city.	$ 182,499.00	$ 45,625.00	$ 28,174.00 $ 17,451.00 1	Completed
Gloucester County IA	Project # S342024-01. Construction of a new double composite lined Phase VII Landfill Cell 13, covering approximately 10.5 acres. The expansion of the existing landfill involves excavation of native soil to achieve the proposed subgrade elevations and the installation of a double composite liner, leachate collection system and leachate pump station.	$ 5,749,668.00	$ 1,437,417.00	$ 1,396,796.00 $ 40,621.00 1	Completed
Long Beach, Township of	Project # 1517001-500. Demolish and reconstruct water pump room at the Beach Haven Terrace Water Treatment Plant.	$ 6,534,225.00	$ 1,633,556.00	$ 1,633,556.00	Completed
Long Beach, Township of	Project # S340023-06. Remove and replace approximately 12,000 linear feet of sewer mains with new 8 inch, 10 inch and 12 inch diameter polyvinyl chloride piping, including laterals, cleanouts and manholes.	$ 4,025,673.00	$ 1,006,418.00	$ 830,591.00 $ 103,014.99 1	$ 72,812.01
North Jersey District Water Supply Commission	Project # 1613001-017-1. Replacement of six 2000 horsepower motors and installation of five variable frequency drives to replace antiquated slip power recovery drives at the Wanaque Pump Station South.	$ 3,319,525.00	$ 1,195,029.00	$ 937,046.00 $ 257,983.00 1	Completed
Ocean, Township of	Project # 152001-007. Replacement of existing asbestos cement pipe water mains in the Pebble Beach development with ductile iron pipe.	$ 944,859.00	$ 236,215.00	$ 214,632.00 $ 20,626.71 1	$ 956.29
Ocean, Township of	Project # S340112-07. Replacement of existing asbestos cement pipe sewer mains in the Pebble Beach development with polyvinyl chloride pipe.	$ 2,673,267.00	$ 668,317.00	$ 644,812.00 $ 23,505.00 1	Completed
Ocean Township SA	Project # S340750-11. Clean, structurally rehabilitate and line the 250 existing sanitary sewer collection system manholes in the Wanamassa, West Allenhurst and Deal Park areas in Ocean Township. Project will also replace approximately 300 linear feet of gravity sewer pipe at intersection of Logan Road and Route 35 and replace 650 laterals including cleanout replacement in the Wanamassa area.	$ 5,544,554.00	$ 1,386,138.00	$ 1,204,734.00 $ 181,404.00 1	Completed
Perth Amboy, City of	Project # 1216001-008. Replace 4,430 linear feet of existing four inch drinking water mains with eight inch drinking watter mains along Miller, Market, Jefferson, Mechanic and Center Streets.	$ 1,004,264.00	$ 251,066.00	$ 213,900.00 $ 35,429.59 1	$ 1,736.41
Pine Hill Borough MUA	Project # S340274-05. Demolish existing 45 year old pump statoin and construct a new submersible sewage pump station. Project includes a sanitary sewer extension as well as construction of a new force main from the new pump station discharging to an existing gravity sewer manhole. Another new force main will connect from Madison Ave Pump Station to the recently installed interceptor on Berlin-Cross Keys Road.	$ 1,680,960.00	$ 420,239.00	$ 394,357.00 $ 25,882.00 1	Completed
South Monmouth RSA	Project # S340377-05 (Sandy PF). Planning and design activities associated with the replacement of the Belmar Pump Station with a "mobile enclosure" (trailer) pumping station. The mobile enclosure will house the pump station's main electrical components and emergency generator, and will be located at the current Belmar Pump Station site. In event of storm or flood event, the mobile unit will be able to disconnect from the pump station and be relocated to higher ground.	$ 2,783,601.00	$ 695,900.00	$ 695,900.00	Completed
Trenton, City of	Project # 1111001-010. Clean and cement mortar line approximately 31,600 linear feet of existing water mains and replace 320 linear feet of 4 inch water mains in the Ewington South and other areas of the City. Replace all inline valves and fittings on the unlined mains and fire hydrants and construct approximately 8,730 linear feet of cement lined ductile iron water main extensions to create loops and eliminate dead ends in teh distribution system.	$ 8,785,581.00	$ 2,196,395.00	$ 2,028,016.00 $ 168,379.00 1	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Wanaque Valley RSA	Project # S340780-04-1. Replace generators at the wastewater treatment facility and at the Haskell Pumping Station. Project also includes installation of new mechanical aerators and drives, upgrade of existing influent pumps, replacemnt of rotary drum sludge thickener system, replacement of non-potable water pumps, upgrade of discharge channel ultraviolet disinfection system, installation of new motor control center, installation of 15 new lectric unit heaters to replace existing hot water heaters and installation of approximately 200 linear feet of ductile iron force main bypass piping.	$ 1,485,149.00	$ 371,287.00	$ 371,287.00	Completed
Washington Township MUA	Project # 0818004-010. Replacement of existing Well House Nos. 2 and 8 which have deteriorated from age to ensure safe and reliable drinking water supply.	$ 1,473,640.00	$ 368,410.00	$ 310,607.00 $ 57,803.00 [1]	Completed
Willingboro MUA	Project # 0338001-009. Construction of radium removal treatment facility, a calcium hypochlorite building and associated yard piping at existing Well No. 5A site. The radium removal treatment system will include two 14 foot diabmeter pressure vessels with singe use ion exchange media nad will be integrated with the existing well pump at the site. The SCADA system will also be replaced with a Programmable Logic Controller control panel.	$ 5,433,623.00	$ 2,173,449.00	$ 1,941,270.00 $ 232,179.00 [1]	Completed
			Total Project Disbursements	**$ 17,595,476.00**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ 1,335,222.36**	
	TOTAL		**$ 19,064,456.00** [A]	**$ 18,930,698.36** [B]	**$ 133,757.64** [C]

[1] Unexpended Funds applied to either loan repayments or defeasances.

Exhibit H6

Green Bond Report

New Jersey Infrastructure Bank Environmental Infrastructure Refunding Bonds - **Series 2017A-R2 (refunding of 2010A Financing) Program)**

Refunding Bond Sale Date: January 17, 2017

ORIGINAL BONDS				REFUNDED BONDS		
2010A Bond Par Amount	$	127,595,000		Refunding Bond Par Amount	$	72,830,000
Net Premium (priced at 107.337)	$	9,362,045		Net Premium (priced at 112.442)	$	9,061,350
Net Bond Proceeds	$	136,957,045		Net Refunding Bond Proceeds	$	81,891,350
Project Fund Exclusions (Capitalized Int., Fees and COI)	$	(9,934,067)		Remaining Project Account Funds	$	1,082,110
2010A Bond Proceeds Available for Projects	$	127,022,978		Total Refunding Bond Proceeds	$	82,973,460
Interest Earned on Proceeds in Project Accounts	$	112,050				
Total Available for Projects	$	127,135,028 [A]		Refunding Escrow Deposit	$	(82,479,512)
				Underwriter's Discount and COI	$	(493,948)
Refunding Participants						
Total Project Disbursements	$	(113,256,418)				
Total Funds Applied to Loan Repayments/Defeasances	$	(10,642,750)		Net Bond Proceeds Remaining		$0
Unexpended Excess Funds Applied to Refunding	$	(1,082,110)				
Project Funds Disbursed to Date	$	(124,981,278) [B]				
Non- Refunding Participants						
Total Project Disbursements	$	(426,706)				
Total Funds Applied to Loan Repayments/Defeasances	$	(1,687,938.20)				
Project Funds Disbursed to Date	$	(2,114,644)				
Bond Proceeds Remaining						
Refunding Projects	$	- [C]				
Non-Refunding Projects	$	39,106				
Total	$	39,106				

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Aqua New Jersey, Inc.	Project # 0824001-001. Extension of water pipeline. Improve drinking water supply.	$ 942,166	$ 235,542	$ 235,542.00 $ -	Completed
Asbury Park, City of	Project # S340883-04. Replace, repair or abandon storm and sanitary sewer piping to improve groundwater quality.	$ 14,389,737	$ 3,597,434	$ 3,073,408.00 $ 524,026.00 [1]	Completed
Atlantic City MUA	Project # 0102001-003. Construction of well, well house, tank and associated piping, valves and instrumentation to improve drinking water supply.	$ 1,980,000	$ 495,000	$ 167,179.00 $ 327,821.00 [1]	Completed
Atlantic County Utilities Authority	Project # S340809-17. Rehabilitation of treatment plant to improve groundwater quality.	$ 7,910,000	$ 1,977,500	$ 1,977,500.00 $ -	Completed
Bayonne MUA	Project # S340399-30. Construction of wind turbine and all appurtenances at a pump station. Improve groundwater quality.	$ 6,627,200	$ 1,581,800	$ 1,581,800.00 $ -	Completed
Bayonne MUA	Project # 0901001-003. Lining of water transmission main to improve drinking water quality.	$ 1,696,480	$ 424,120	$ 367,829.00 $ 56,291.00 [1]	Completed
Beach Haven, Borough of	Project # 1503001-001/003. Installatoin of a replacement well. Improve drinking water supply.	$ 1,773,343	$ 443,336	$ 388,339.00 $ 54,997.00 [1]	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Belmar, Borough of	Project # S340209-01. Construction of santiary sewer mains and sanitary sewer connections. Improve groundwater quality.	$ 666,000	$ 166,500	$ 166,500.00 $ -	Completed
Bergen County Utilities Authority	Project # S340386-06/08. Automation upgrades, integration with SCADA system and security improvements. Improve groundwater quality.	$ 5,199,513	$ 1,299,878	$ 1,299,878.00 $ -	Completed
Berkeley, Township of	Project # S340969-07. Installation of stormwater management measures to direct runoff to natural vegetative areas and forested riparian corridors reducing erosion, flooding and transport of pullutants from stormwater runoff into waterways. Improve both groundwater and drinking water quality.	$ 1,007,600	$ 251,900	$ 215,444.00 $ 36,456.00 [1]	Completed
Bordentown SA	Project # S340219-01. Replacement and installation of influent pumps at treatment plant. Improve groundwater quality	$ 1,536,020	$ 384,005	$ 264,216.00 $ 119,789.00 [1]	Completed
Bordentown SA	Project # S340219-02. Construction of fuel containment system around emergency generator, construction of berm around perimeter of plant truck washing facility and installation of new well at pump station and replacement of sewer mains. Improve groundwater quality.	$ 1,430,592	$ 357,648	$ 286,995.00 $ 70,653.00 [1]	Completed
Brick Township MUA	Project # S340448-07/08. Heating, venilation and wet well improvement at three wastewater pump stations and build secondary sanitary sewer mains. Improve groundwater quality.	$ 2,097,600	$ 524,400	$ 396,907.00 $ 127,493.00 [1]	Completed
Bridgeton, City of	Project # 0601001-004. Construction of new water storage tank and rehabilitation of concrete water storage reservoir. Improve drinking water supply and quality.	$ 2,196,107	$ 549,027	$ 473,324.00 $ 75,703.00 [1]	Completed
Bridgewater, Township of	Project # S340638-06. Rehabilitation of sanitary sewers. Improve groundwater quality.	$ 718,444	$ 179,611	$ 179,611.00 $ -	Completed
Brigantine, City of	Project # 0103001-009. Rehabilitation of two elevated water storage tanks. Improve drinking water supply and quality.	$ 1,242,000	$ 310,500	$ 303,040.00 $ 7,460.00 [1]	Completed
Camden, City of	Project # 0408001-017/019. Rehabilitation of pressure filter tanks, degasifiers and lime silos and installation ventilation system. Improve drinking water quality.	$ 3,990,000	$ 997,500	$ 997,500.00 $ -	Completed
Camden, City of	Project # S340641-03. Rehabilitation and reconstruction of collapsed sewers, reconnecting residential sewer laterals and replacing manholes. Improve groundwater quality.	$ 8,820,170	$ 2,205,042	$ 2,205,042.00 $ -	Completed
Camden County MUA	Project # S340640-11. Improvements to treatment plant. Improvement to groundwater quality.	$ 8,283,000	$ 2,071,000	$ 2,071,000.00 $ -	Completed
Carteret, Borough of	Project # S340939-05. Installation of new sewer interceptor and rehabilitation of existing interceptor to serve as an overflow interceptor. Improve groundwater quality.	$ 4,030,000	$ 1,007,500	$ 663,943.00 $ 343,557.00 [1]	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Chatham, Borough of	Project # S340403-06. Lining sanitary sewer pipe and rehabilitating manholes. Improve groundwater quality.	$ 1,665,000	$ 416,250	$ 283,456.00 $ 132,794.00 [1]	Completed
Chatham, Borough of (JM)	Project # S340715-04A. Replacement and rehabilitation of digesters and replacing sludge piping. Improve groundwater quality.	$ 1,047,868	$ 261,967	$ 261,967.00 $ -	Completed
Clifton, City of	Project # S340844-02. Installation of three submersible solids handling pumps in subsurface concrete structure that serves as a wet well. Upgrade of pump station. Improve groundwater quality.	$ 988,000	$ 247,000	$ 247,000.00 $ -	Completed
Collingswood, Borough of	Project # S340291-03. Refurbishing existing pump station and replacing pumps. Improve groundwater quality.	$ 728,000	$ 182,000	$ 122,544.00 $ 59,456.00 [1]	Completed
Deptford Township MUA	Project # S340066-02. Replacement of four pump stations and slip line sanitary sewer mains to treat infiltration and inflow. Improve groundwater quality.	$ 3,555,779	$ 888,945	$ 598,554.00 $ 290,391.00 [1]	Completed
Deptford Township MUA	Project # 0802001-001. Replacement of water main. Improve drinking water quality and supply.	$ 2,199,543	$ 549,886	$ 463,241.00 $ 86,645.00 [1]	Completed
Dover, Town of	Project # 1409001-002. Rehabilitatoin of steel water storage tank and updating appurtenances. Improve drinking water supply and quality.	$ 610,000	$ 152,500	$ 152,500.00 $ -	Completed
Dumont, Borough of	Project # S340922-04. Replacement of undersized pipes, drainage structures and culverts, cleaning stormwater channels, piping and inlets and installation of additional inlets and pipes to minimize soil erosion and flooding in order to reduce non-point source pollution. Improve ground water quality.	$ 3,800,000	$ 950,000	$ 950,000.00 $ -	Completed
East Orange, City of	Project # S340843-01. Replacement of clay pipes with PVC pipes, cleaning and inspection of sewer pipes and purchase of Vet Vacuum truck. Improve groundwater quality.	$ 3,040,500	$ 760,125	$ 735,563.00 $ 24,562.00	Completed
East Windsor MUA	Project # S340536-07. Replacement of grit removal equipment, rehabilitation of two wastewater equalization storage basins, build new truck unloading facility and enhancement or security. Improve groundwater quality.	$ 1,756,880	$ 439,220	$ 386,276.00 $ 52,944.00 [1]	Completed
Eatontown SA	Project # S340136-01. Lining of interceptor pipe, replacement of sanitary sewer pipe and replacement of existing pump station and improvements to six other pump stations. Improve groundwater quality.	$ 4,427,114	$ 1,106,778	$ 1,020,290.00 $ 86,488.00 [1]	Completed
Edgewater, Borough of	Project # S340446-11. Improvements to alleviate flooding along main road during wet weather events. Improve groundwater quality.	$ 695,000	$ 173,750	$ 173,750.00 $ -	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Elizabeth, City of	Project # S340942-12. Construction of relief storm sewer, a relief strom sewer and catch basin cross connections. Rehabilitation and cleaning of existing inlet basins connecting to existing sewer system. Improve groundwater quality.	$ 889,220	$ 222,305	$ 215,086.00 $ 7,219.00 [1]	Completed
Elizabeth, City of (JM)	Project # S340686-06A. Replacement of pumps and valves and additional slide gates and valves provided to improve sewer system. Improve groundwater quality.	$ 4,193,069	$ 1,048,267	$ 1,048,267.00 $ -	Completed
Evesham MUA	Project # S340838-03. Construction of three infiltration basins for subsurface discharge of treated wastewater and force main to convey effluent. Improve groundwater quality.	$ 1,107,450	$ 276,862	$ 242,695.00 $ 34,167.00 [1]	Completed
Flemington, Borough of	Project # 1009001-003/004-1. Construction of arsenic treatment system at two wells. Improve drinking water quality.	$ 320,000	$ 160,000	$ 160,000.00 $ -	Completed
Galloway, Township of	Project # S340892-04. Installation of hydraulic grinder units in existing wet wells of three pumpstations. Improve groundwater quality.	$ 593,090	$ 148,273	$ 70,588.00 $ 77,685.00 [1]	Completed
Gibbsboro, Borough of	Project # S340871-03. Replacement and reconfiguration of sanitary sewer system and repair of storm sewer culvert. Improve groundwater quality.	$ 1,039,614	$ 259,904	$ 129,002.00 $ 130,902.00 [1]	Completed
Glen Ridge, Borough of	Project # 0708001-004. Replacement of water meters with remote read system to increase efficiency of reading and reduce error rate. Improve drinking water supply.	$ 1,404,383	$ 351,096	$ 313,647.00 $ 37,449.00 [1]	Completed
Gloucester County Utilities Authority	Project # S340902-06. Replacement and rehabilitation of iron force main which was experiencing failures. New concrete wet well connected to existing well to increase storage capacity of pump station. Improve groundwater quality.	$ 1,275,800	$ 318,950	$ 318,950.00 $ -	Completed
Gloucester Township MUA	Project # S340364-01. Replacement of existing pump station and rehabilitate sanitary sewer mains and associated manholes. Improve groundwater quality.	$ 2,205,000	$ 551,250	$ 551,250.00 $ -	Completed
Haledon, Borough of	Project # S340173-01. Cleaning and lining of sanitary sewer main and replacement of manholes throught system. Improve groundwater quality.	$ 1,537,000	$ 384,000	$ 185,148.00 $ 198,852.00 [1]	Completed
Hawthorne, Borough of	Project # S340881-04. Installation of iron pipe for more efficient conveyance of wastewater. Improve groundwater quality.	$ 685,000	$ 171,250	$ 107,191.00 $ 64,059.00 [1]	Completed
Hightstown, Borough of	Project # 1104001-004. Replacement of existin gwater main with iron pipe water main and replacement of water service connections. Improve drinking water supply.	$ 1,935,000	$ 483,750	$ 483,750.00 $ -	Completed
Hillsborough, Township of	Project # S340099-01. Building of sewer pipe and construction of force main from new pump station to older sewer force main. Improve groundwater quality.	$ 5,895,914	$ 1,473,978	$ 1,473,978.00 $ -	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Hillside, Township of (JM)	Project # S340686-06B. Replacement of pumps an dvalves and providing slide gates and drainage valves. Improve groundwater quality.	$ 491,705	$ 122,926	$ 122,926.00 $ -	Completed
Irvington, Township of (JM)	Project # S340686-06C. Replacement of pumps and valves and providing slide gates and drainage valves for influent channels and grit facilities. Improve groundwater quality.	$ 1,524,817	$ 381,204	$ 381,204.00 $ -	Completed
Jersey City MUA	Project # S340928-06. Cleaning and testing of interceptor and complete repairs to sewer line, manhole covers and frames. Improve groundwater quality.	$ 4,731,646	$ 1,182,911	$ 1,182,911.00 $ -	Completed
Jersey City MUA	Project # S340928-05-1. Upgrade of sanitary sewer system including replacement of sewer line and existing pump statoin, separation of combined sewer and improvements to pump station. Improve groundwater quality.	$ 2,041,195	$ 510,299	$ 317,750.00 $ 192,549.00 [1]	Completed
Jersey City MUA	Project # 0906001-001. Improvements to water treatment plant including new water flow meter, supply tank, fill pump and filter surface wash and control system. Improve groundwater quality.	$ 10,376,040	$ 2,594,010	$ 2,594,010.00 $ -	Completed
Keansburg, Borough of	Project # 1321001-001. Building of reverse osmosis tretment system to remove dissolved solids, sodium and choride and modify existing plant to accommodate treatment system. Improve drinking water quality.	$ 2,619,000	$ 655,000	$ 655,000.00 $ -	Completed
Kearny, Town of	Project # 0907001-002. Slip lining of cast iron water main with new PVC pipe and replacement of hydrants, services and other appurtenances. Improve drinking water quality.	$ 1,480,500	$ 370,125	$ 229,427.00 $ 140,698.00 [1]	Completed
Lambertville MUA	Project # S340882-06. Replacement of sludge piping, air piping, existing electrical equipement, disinfection mixing equipment and instrumentation system. Construction of new chemical storage and feed facility. Improve groundwater quality.	$ 7,120,000	$ 1,780,000	$ 1,780,000.00 $ -	Completed
Long Beach Twp.	Project No. S340 023-02. Removal and replacement of sanitary sewer mains with PVC piping, replacement of sewer laterals and manholes. Improve groundwater quality.	$ 2,000,000	$ 500,000	$ 500,000.00 $ -	Completed
Long Beach, Township of	Project # 1517001-009. Replacement of existing water main and installation of water services, hydrants, valves and fittings. Improve drinking water quality and supply.	$ 2,012,000	$ 503,000	$ 502,635.00 $ 365.00 [1]	Completed
Long Branch SA	Project # S340336-07. Upgrade piping and five sewage pumping stations. Replacement of laterals. Improve groundwater quality.	$ 4,701,241	$ 1,175,310	$ 1,026,271.00 $ 149,039.00 [1]	Completed
Long Branch SA	Project # S340336-03. Improvements to wastewater treatment plant including reconstruction of gravity system, installation of new screening equipment, improvement to hot water system and upgrade security system. Improve groundwater quality.	$ 13,735,000	$ 3,434,000	$ 3,389,981.00 $ 44,019.00 [1]	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Long Hill, Township of	Project # S340404-07. Replacement of existing pumps, communotors and control panels, installation of new bypass connections and other appurtenances. Improve groundwater quality.	$ 1,516,000	$ 379,000	$ 346,575.00 $ 32,425.00 [1]	Completed
Madison, Borough of (JM)	Project # S340715-04B. Replacement and cleaning of digesters, replacing tanks and sludge piping. Improve groundwater quality.	$ 1,635,000	$ 409,000	$ 409,000.00 $ -	Completed
Manasquan, Borough of	Project # 1327001-001. Replacement of existing water treatment plant to comply with DEP regulations. Improve drinking water quality.	$ 6,279,000	$ 1,569,750	$ 1,246,115.00 $ 323,635.00 [1]	Completed
Manchester Utilities Authority	Project # 1603001-002/010. Improvement to water water distribution system improving the system's reliability for safe drinking water.	$ 5,042,219	$ 1,260,555	$ 548,355.00 $ 712,200.00 [1]	Completed
Medford, Township of	Project # S340346-05. Construction of new influent building, gravity influent sewer and modification of existing aeration plants. Improve groundwater quality.	$ 3,003,000	$ 751,000	$ 751,000.00 $ -	Completed
Middlesex County Utilities Authority	Project # S340699-05B. Modification and upgrade of treatment plant site by replacing heat exchangers, fans and condensors and building redundant primary tank influent line. Installation of new regenerative thermal oxidizer and moisture removal tanks. Improve groundwater quality.	$ 16,211,276	$ 4,052,819	$ 4,052,819.00 $ -	Completed
Middlesex County Utilities Authority	Project # S340699-05A. Replacement and upgrade to electrical service at wastewater treatment plant. Improve groundwater quality.	$ 12,484,900	$ 3,121,225	$ 3,121,225.00 $ -	Completed
Millville, City of	Project # S340921-06. Upgrade of wastewater treatment plant. Improve groundwater quality.	$ 4,071,200	$ 1,017,800	$ 1,017,800.00 $ -	Completed
Montclair, Township of	Project # 0713001-009. replacement of existing airstripping facility at public well to ensure removal of organic contaminants. Improve drinking water supply.	$ 734,657	$ 183,664	$ 169,510.00 $ 14,154.00 [1]	Completed
Montgomery, Township of	Project # S340130-01. Upgrade sludge treatment system at wastewater treatment plant. Improve groundwater quality.	$ 14,586,046	$ 3,646,512	$ 3,274,020.00 $ 372,492.00 [1]	Completed
Montgomery, Township of	Project # S340130-02. Upgrade to existing wastewater treatment plant to increase supply. Improve groundwater quality.	$ 7,557,022	$ 4,246,787	$ 4,246,787.00 $ -	Completed
Montville, Township of	Project # S340931-03. Relining of sanitary sewer interceptor and rehabilitation of existing sewer system. Improve groundwater quality.	$ 1,905,000	$ 476,250	$ 447,581.00 $ 28,669.00 [1]	Completed
Mt Holly MUA	Project # S340817-04. Replacement and upgrade to existing pump station. Improve groundwater quality.	$ 1,960,000	$ 490,000	$ 356,879.00 $ 133,121.00 [1]	Completed
Mt Laurel Township MUA	Project # S340943-05. Lining of sanitary sewer and reconstruction of manholes. Improve groundwater quality.	$ 1,283,000	$ 321,000	$ 222,244.00 $ 98,756.00 [1]	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Neptune, Township of	Project # S340410-04. Upgrade existing pump station by repairing concrete wet well, reconfiguring flume and installing var screen and repairing odor control unit. Improve groundwater quality.	$ 1,288,500	$ 322,125	$ 322,125.00 $ -	Completed
Newark, City of	Project # S340815-14. Acquisition of sewer maintenance equipment to address complaints regarding backed up sewers. Improve groundwater quality.	$ 648,000	$ 162,000	$ 143,621.00 $ 18,379.00 [1]	Completed
Newark, City of (JM)	Project # S340686-06D. Replacement of pumps an dvalves, add slide gates and drainage valves for influent channels and grit facilities. Improve groundwater quality.	$ 922,583	$ 230,646	$ 230,646.00 $ -	Completed
New Jersey Sports & Exposition Authority	Project # S340138-01. Equipment for cleaning and maintaining storm drains. Improve groundwater quality.	$ 752,268	$ 188,067	$ 117,393.00 $ 70,674.00 [1]	Completed
New Jersey Water Supply Authority	Project # S343054-06. Purchase of two parcels of land to protect water quality in those areas. Improve groundwater and drinking water quality.	$ 600,986	$ 300,493	$ 288,920.00 $ 11,573.00 [1]	Completed
North Bergen MUA	Project # S340652-09. Rehabilitation of six regulator chambers, replacement of bar screens and a communitor at a plant and reconstruction of manhole and lining of pipes. Improvement of groundwater quality.	$ 9,062,904	$ 2,265,726	$ 1,352,569.00 $ 913,157.00 [1]	Completed
North Hudson SA	Project # S340952-13A. Construction of solids/floatables screening and wet weather pump station for a drainage area to pump flow to the Hudson River during major storm events. Clean and slip line pipes. Improve groundwater quality.	$ 22,070,270	$ 5,517,567	$ 4,997,871.00 $ 519,696.00 [1]	Completed
North Hudson SA	Proejct # S340952-13B. Installation of force main and build launching and receiving shafts. Improve groundwater quality.	$ 5,993,217	$ 1,498,304	$ 1,078,381.00 $ 419,923.00 [1]	Completed
Ocean County Utilities Authority	Project # S340372-38/39. Replacements and improvements to three sewage treatment plants. Improve groundwater quality.	$ 3,467,832	$ 866,958	$ 799,486.00 $ 67,472.00 [1]	Completed
Ocean Township SA	Project # S340750-08A. Improvements to wastewater treatment plant. Improve groundwater quality.	$ 1,934,683	$ 483,671	$ 340,118.00 $ 143,553.00 [1]	Completed
Ocean Township SA	Project # S340750-08B. Upgrade to collection system by replacing sewers and reliing cement sewer piping at two pump station force mains. Improve groundwater quality.	$ 3,546,200	$ 886,550	$ 537,203.00 $ 349,347.00 [1]	Completed
Old Bridge MUA	Project # S340945-07-2. Repleacment of interceptor sewer with ductile iron pipe and mofiy existing metering chamber. Improve groundwater quality.	$ 1,250,066	$ 625,033	$ 217,665.00 $ 407,368.00 [1]	Completed
Parsippanny-Troy Hills, Township of	Project # S340886-01. Replacement of aging equipment with energy-efficient equipment at wastewater treatment facility. Improve groundwater quality.	$ 25,344,280	$ 6,336,070	$ 6,114,685.00 $ 221,385.00 [1]	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Passaic Valley Sewerage Commission	Project # S340689-15A. Upgrade of four existing effluent pumps an motors, cleaning of heat treatment plant line and removal of liner. Improve groundwater quality.	$ 17,383,494	$ 4,345,873	$ 4,345,873.00 $ -	Completed
Passaic Valley Sewerage Commission	Project # S340689-15B. Construction of new unloading stations at sludge thickener tank, sealing and repairing leaks in thnnels and galleries, replacement of deteriorated chlorine contact tank effluent weir wal. Improve groundwater quality.	$ 31,702,276	$ 7,925,569	$ 7,652,645.00 $ 272,924.00 [1]	Completed
Paterson, City of	Project # S340850-04. Construction of solid/floatables control facilities to eliminate and dispose of larger solids. Improve groundwater quality.	$ 2,097,000	$ 524,000	$ 524,000.00 $ -	Completed
Pennsauken SA	Project #S340349-05. Rehabilitation of gravity sanitary sewer main and associated manholes and rehabilitaiton of roofs of two pump stations. Improve groundwater quality.	$ 932,000	$ 233,000	$ 216,642.00 $ 16,358.00 [1]	Completed
Pequannock, Lincoln Park & Fairfield SA	Project # S340880-03. Construction of ultraviolet disinfection facilities to replace existing chlorination treatment facilities at wastewater treatment plant. Installation of effluent pumping facilities for peak flow condcitions, provided additional standby power capacity and install photovoltaic system for clean energy source for site operations. Improve groundwater quality.	$ 6,677,000	$ 1,669,000	$ 1,669,000.00 $ -	Completed
Phillipsburg, Town of	Project # S340874-04. Added sequence batch reactor tank to existing facilities to meet discharge effluent water quality limits. Improve groundwater quality.	$ 5,656,880	$ 1,414,220	$ 1,251,014.00 $ 163,206.00 [1]	Completed
Point Pleasant Beach, Borough of	Project # S340479-03. Dredge sediment from bottom of lake to increase depth and removal of silt and plants to enhance ability of lake to be used as stormwater management basin. Improve groundwater quality.	$ 1,684,560	$ 421,140	$ 388,441.00 $ 32,699.00 [1]	Completed
Princeton (formerly Princeton Borough)	Project # S340656-06B. Rehabilitation of sanitary sewer mains and laterals. Installation of new sanitary main and purchase of street sweepers. Improve groundwater quality.	$ 2,655,442	$ 663,861	$ 476,070.00 $ 187,791.00 [1]	Completed
Princeton (formerly Princeton Township)	Project # S340656-06A. Rehabilitation of sewer mains and laterals by pipe replacement, bursting and lining. Purchase of street sweepers. Improve groundwater quality.	$ 3,069,756	$ 767,439	$ 502,088.00 $ 265,351.00 [1]	Completed
Rockaway Valley RSA	Project # S340756-02. Cleaning, inspection, evaluation and rehabilitation of concrete pipe interceptors and ductile iron pipe siphon. Improve groundwater quality.	$ 2,830,000	$ 707,500	$ 707,500.00 $ -	Completed
Roosevelt, Borough of	Project # 1341001-002/003. Rehabilitation to existing water tower and treatment plants. Improve drinking water supply and quality.	$ 540,000	$ 135,000	$ 135,000.00 $ -	Completed
Salem, City of	Project # S340235-01. Replacement and upgrade wastewater treatment collection system. Improve groundwater quality.	$ 1,368,252	$ 342,063	$ 137,170.00 $ 204,893.00 [1]	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Salem, City of	Project # 1712001-001. Construction of surface water treatment plant. Improve groundwater quality.	$ 11,602,416	$ 2,900,604	$ 2,844,776.00 $ 55,828.00 [1]	Completed
Secaucus MUA	Project # S340154-01. Replacement of automatic transfer switch, pump motor control panel, main sewage pumps, bar screens and water distribution tank and installation of roof top solar panels. Improve groundwater quality.	$ 2,746,164	$ 686,541	$ 543,064.00 $ 143,477.00 [1]	Completed
South Orange, Township of (JM)	Project # S340686-06E. Replacement of pumps and valves and added slide gates and drainage valves to provide for influent channels and grit facilities. Improve groundwater quality.	$ 404,540	$ 101,135	$ 101,135.00 $ -	Completed
Southeast Monmouth MUA	Project # 1352005-002/003. Rehabilitation of instrumentation and control system at water treatment plant. Improve drinking water quality.	$ 7,984,518	$ 1,996,129	$ 1,435,682.00 $ 560,447.00 [1]	Completed
Stafford, Township of	Project # 1530004-006. Installation of water main extension. Improve drinking water supply.	$ 5,628,860	$ 1,407,215	$ 1,310,260.00 $ 96,955.00 [1]	Completed
Stone Harbor, Borough of	Project # S340722-02. Replacement of house connections, manholes and sewer mains with PVC pipe. Improve groundwater quality.	$ 2,540,982	$ 635,246	$ 518,677.00 $ 116,569.00 [1]	Completed
Stone Harbor, Borough of	Project # 0510001-003. Replacement of water services and related appurtenances and cement water mains with PVC pipe water mains. Improve groundwater quality.	$ 623,774	$ 155,944	$ 155,944.00 $ -	Completed
Toms River MUA	Project # S340145-01. Rehabilitation of asbewstos concrete pipes and laterals. Improve groundwater quality.	$ 10,120,000	$ 2,530,000	$ 2,495,575.00 $ 34,425.00 [1]	Completed
Trenton, City of	Project # 1111001-006. Installation of two natural gas engine generators, construction of holding enclosure and replace exposed outdoor electrical sustation with enclosed unit. Improve drinking water quality.	$ 8,550,000	$ 2,137,500	$ 2,137,500.00 $ -	Completed
Vineland, City of	Project # 0614003-005/006. Construction of new treatment facility housing radium filters an dsand filters and installation of absorption filters to remove radium at a well. Improve drinking water quality.	$ 4,885,000	$ 1,221,250	$ 1,136,156.00 $ 85,094.00 [1]	Completed
Wanaque Valley RSA	Project # S340780-03. Improvement of existing treatment facility by installing new aerators, replacement of oil water separator and installation of new grinder in wet well. Improve groundwater quality.	$ 3,450,000	$ 862,500	$ 862,500.00 $ -	Completed
West Orange, Township of (JM)	Project # S340686-06F. Replacement of pumps and valves and add slide gates and drainage valves that provide influent channels and grit facilities. Improve groundwater quality.	$ 1,105,875	$ 276,469	$ 276,469.00 $ -	Completed
Western Monmouth Utilities Authority	Project # S340128-02. Installation of new ultraviolet light disinfectant treatment system and construction of building in existing chlorination system tank to house future UV tanks in order to protect them from elements. Improve groundwater quality.	$ 2,117,480	$ 529,370	$ 423,012.00 $ 106,358.00 [1]	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Westwood, Borough of	Project # S340862-02. Abandon sanitary sewer extension and build new sanitary sewer extension to connect to existing interceptor. Improve groundwater quality.	$ 1,067,708	$ 266,927	$ 251,577.00 $ 15,350.00 [1]	Completed
Wildwood Crest, Borough of	Project # S340719-02. Replacement of sanitary service laterals and mains and storm sewer improvements. Improve groundwater quality.	$ 4,635,569	$ 1,158,892	$ 1,158,892.00 $ -	Completed
Willingboro MUA	Project # S340132-02. Installation of photovoltaic electric generation system and energy conservation facilities to provide electricity and heat at water pollution control plant. Improve groundwater qualty using renewable energy source.	$ 7,014,448	$ 1,753,612	$ 1,128,742.00 $ 624,870.00 [1]	Completed
Willingboro MUA	Project # 0338001-001. Installation of photovoltaic electric generation system to water main treatment plant providing renewable energy source to improve drinking water quality.	$ 2,477,480	$ 619,370	$ 332,011.00 $ 287,359.00 [1]	Completed
Woodbury, City of	Project # 0822001-005. Replacement of existing reservoir with finished water storage reservoir. Improve drinking water quality.	$ 2,956,013	$ 739,003	$ 696,605.00 $ 42,398.00 [1]	Completed
			Total Project Disbursements	**$ 113,256,418.00**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ 11,724,860.00**	
	TOTAL	**$ 488,620,936**	**$ 124,981,278** [A]	**$ 124,981,278.00** [B]	**$ -** [C]

[1] Unexpended funds applied to either loan repayments or defeasances.

Exhibit H7

Green Bond Report

New Jersey Infrastructure Bank Environmental Infrastructure Bonds - **Series 2018A-1**

Bond Sale Date: May 8, 2018

Bond Par Amount	$ 21,105,000.00	
Net Premium (priced at 104.961)	$ 1,047,082.55	
Net Bond Proceeds	$ 22,152,082.55	
Project Fund Exclusions (Capitalized Int., Fees and COI)	$ (832,334.55)	
Original Bond Proceeds Available for Projects	$ 21,319,748.00	A
As of March 31, 2022:		
Total Project Disbursements	$ (20,588,275.00)	
Total Funds Applied to Loan Repayments/Defeasances	$ (673,569.32)	
Project Funds Disbursed to Date	$ (21,261,844.32)	B
Net Bond Proceeds Remaining	$ 57,903.68	C

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Atlantic County UA	Project # S340809-23B/26B (Sandy PF). Project to provide energy power upgrades to Treatment Plant and improve resiliency. Purchase of roll-off truck with roll-off-skid mounted diesel refueling system, installation of new storage tank, purchase new portable diesel power module generator, purchase of six trailer mounted portable pumps and construction of permanent sump to provide a means to evacuate storm water from existing structures.	$ 1,328,528.00	$ 332,132.00	$ 287,461.00 $ 44,671.00 1	Completed
Bayshore RSA	Project # S340697-05A (Sandy PF). Repairs and improvements to Water Pollution Control Plant that was impacted and damaged by Superstorm Sandy. Restoration of damaged components of various plant buildings and pumping stations and restoration of certain incineraor and dewatering equipment.	$ 1,672,641.00	$ 418,160.00	$ 418,160.00	Completed
Bayshore RSA	Project # S340697-05B. Repairs and improvements to Water Pollution Control Plant impacted and damaged by Superstorm Sandy. Restoration of damaged components of various plant bulidgins and pumping stations and restoration of certain incinerator and dewatering equipment.	$ 9,888,861.00	$ 2,744,465.00	$ 2,719,933.00 2 $ 24,532.00 1	Completed
Berkeley Township MUA	Project # 1505004-007 (Nano). Construction of test well including excavation of well and installation of outer steel casing, inner casing, stainless steel blanks, screen gravel, under reaming, grout seal and concrete pump base. Includes clearing access to site, site improvements, testing and other associated work.	$ 522,868.00	$ 130,717.00	$ 130,717.00	Completed
Cape May, City of	Project # 0502001-004. Drilling of new Well No. 8 to replace existing Well No. 5 and installation of new permanent pumping equipment, demolition of the existing well house and construction of a replacement well house. Water supply provided by Well No. 8 will be connected onsite to the existing Well No. 4 transmission main and conveyed to the City's treatment plant.	$ 1,670,597.00	$ 417,649.00	$ 367,096.00 $ 24,597.25 1	$ 25,955.75
Carteret, Borough of	Project # S340939-09 (Sandy PF). Upgrades to storm sewer collection infrastructure and construction of a clay-lined stormwater detention basin, a pump station with generator, a pump station outfall and tide gate. Stormwater collection system upgrades will include the installation of new reinforced concrete pipe, construction of 24 new stormwater inlets and 13 new manholes, and replacement of 32 existing inlets and 16 existing manholes.	$ 13,069,307.00	$ 3,267,327.00	$ 3,052,428.00 $ 184,547.30 1	$ 30,351.70

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Clinton, Town of	Project # 1005001-008/009. Construction of new water treatment facility and modifications to the Well No. 4 casing, including demolition of the existing chamber and below-grade treatment equipment and the construction of new single story water treatment facility on the existing site. Project includes improvements to Well No. 7, including the installation of a new submersible well pump, three variable speed booster pumps, piping, valves, a new flow meter, pressure transmitters, gauges, a well level indicator, SCADA communication equipment, natural gas generator emergency standby power system, and modification of the existing water storage tank with a mixing system, cathodic protection and manway hatch. Decommissioning Well No. 14.	$ 1,725,199.00	$ 431,299.00	$ 430,019.00 $ 1,280.00 [1]	Completed
Gloucester County UA	Project # S340902-16. Purchase and installation of clarifier equipment, supply pumps and algae sweep system required for renovations to primary clarifiers at reclamation facility.	$ 1,714,412.00	$ 428,603.00	$ 428,603.00	Completed
Hightstown, Borough of	Project # S340915-05. Removal of two existing chlorine contact chambers and construction of an ultraviolet (UV) disinfection system at its Advanced Wastewater Treatment Plant (AWWTP). Construction of two disk filters, relocation and replacement of an internal flow meter, and associated electrical wiring to control the UV equipment and measure flow from the AWWTP.	$ 1,285,300.00	$ 321,325.00	$ 303,167.00 $ 16,561.77 [1]	$ 1,596.23
Lavallette, Borough of	Project # 1515001-001 (Nano). Rehabilitation of 500,000 gallon fluted column, steel elevated water storage tank. Tank's protective coatings have reached their anticipated life expectancy of over 20 years. Rehabilitation of elevated water storage tank by surfce preparations and repainting of both inside and outside of storage tank.	$ 1,157,950.00	$ 289,487.00	$ 272,056.00 $ 17,431.00 [1]	Completed
Little Egg Harbor MUA	Project # S340 579-02. Replacement of deteriorated sanitary sewer mains to include installation of PVC sanitary sewer main, ductile iron sanitary sewer force main pipe, lateral sanitary sewer connections, sanitary sewer manholes and pipe bedding to resist future storm conditions.	$ 2,542,007.00	$ 635,501.00	$ 615,001.00 $ 20,500.00 [1]	Completed
Little Egg Harbor MUA	Project # 1516001-004. Replacement of deteriorated water mains including installation of water main, fire hydrants, water service connections and gate valves.	$ 2,162,159.00	$ 540,540.00	$ 534,805.00 $ 5,735.00 [1]	Completed
Manasquan, Borough of	Project # S340450-01-1. Improvements to stormwater management system, including repair and replacement of bulkhead, installation of inlet structures, one manhole, four tide valves at existing outfalls, construction of storm sewers and raising of curb along Perrine lvd to redirect stormwater runoff. Replacement of water service line and electrical fixtures in connection with bulkhead replacement.	$ 1,500,356.00	$ 375,089.00	$ 375,089.00	Completed
Maple Shade, Township of	Project # 0319001-006. Installation of 4,222 replacement water meters with automatic transmitters and automatic transmitters on 550 water meters that were previoulsy replaced but not equipped with automatic meter reading system.	$ 2,153,465.00	$ 538,366.00	$ 529,065.00 $ 9,301.00 [1]	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Mendham, Township of	Project # S340477-01/01-1. Upgrade to deteriorating East Wastewater Treatment Facility by converting existing treatment system to a membrane bioreactor treatment system. Removal of existing flocculator, settler/thickener unit and sand filter, and repacement with memberane bioreactor system. Chemical feed systems associated with chlorine, alum and sodium bisulfate will be eliminated and lower effluent disposal system will be replaced with in kind replacement.	$ 3,693,765.00	$ 923,441.00	$ 889,187.00 $ 34,254.00 [1]	Completed
Millville, City of	Project # S340921-07. Improvements to Wastewater Treatment Plant, upgrade two existing clarifiers, construction of new influent pump station wet well, installation of new return activated sludge pumps and piping modifications, construction of walkway from splitter box to the aeration tank, installation of enw automatically cleaned strainer for reclaimed water system, replacement of existing belt filter presses with rotary presses, conversion of existing abandoned sludge holding tank into new rotary press room, installation of track-mounted dumpster system, installation of new disinfection system and upgrade of electrical and instrumentation and SCADA systems.	$ 9,445,013.00	$ 2,361,253.00	$ 2,359,738.00 $ 1,515.00 [1]	Completed
Newark, City of	Project # 0714001-500 (Sandy PF). Upgrades to Wayne Pump Station including installation of generator, transformer and switchgear on elevated platform above 100 year and 500 year flood hazard elevations	$ 2,196,946.00	$ 549,236.00	$ 527,410.00 $ 21,826.00 [1]	Completed
Rahway, City of	Project # 2013001-007. Improvements to water treatment plant including replacement of existing gravity filters with membrane treatment system, construction of new treatment building, installation of four skids of pressurized membranes, pipe replacement, new pre-fabricated sanitary pump station, and upgrade to SCADA system and all associated site work.	$ 12,771,729.00	$ 3,192,932.00	$ 3,096,412.00 $ 96,520.00 [1]	Completed
Saddle Brook, Township of	Project #0257001-002. Replacement of water mains including extensions to create loops in distribution system and associated service connections.	$ 1,296,693.00	$ 324,173.00	$ 317,528.00 $ 6,645.00 [1]	Completed
Stafford, Township of	Project # 1530004-018. Upgrade of section of water distribution system including replacement of ductile iron pipe and installation of proper pipe bedding.	$ 2,376,238.00	$ 594,059.00	$ 551,666.00 $ 42,393.00 [1]	Completed
Sussex County MUA	Project # S342008-05. Expanding and improving landfill including construction of access road, installation of mechanically stabilized earthen berm, extended base liner, drain system, leachate side-riser system, storm water collection berm, landfill gas header pipe, landfill gas monitoring wells, gas condensate forcemain, air lines and electrical work.	$ 8,717,958.00	$ 2,179,489.00	$ 2,075,781.00 $ 103,708.00 [1]	Completed
Ventnor, City of	Project # S340667-03 (Sandy PF). Replacement of bulkheads that were damaged during Superstorm Sandy. Bulkheads will provide resiliency to existing stormwater infrastructure.	$ 1,298,020.00	$ 324,505.00	$ 306,953.00 $ 17,552.00 [1]	Completed
			Total Project Disbursements	**$ 20,588,275.0000**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ 673,569.3200**	
		TOTAL	**$ 21,319,748.00** [A]	**$ 21,261,844.32** [B]	**$ 57,903.68** [C]

[1] Unexpended Funds applied to either loan repayments or defeasances.

[2] Expended Funds include funds disbursed for SAIL Techical Fee.

Exhibit H8

Green Bond Report

New Jersey Infrastructure Bank Environmental Infrastructure Bonds - **Series 2018B-1**

Bond Sale Date: May 8, 2018

Bond Par Amount	$	15,100,000.00	
Net Premium (priced at 104.620)	$	697,645.20	
Net Bond Proceeds	$	15,797,645.20	
Project Fund Exclusions (Capitalized Int., Fees and COI)	$	(734,537.20)	
Original Bond Proceeds Available for Projects	$	15,063,108.00	A
As of March 31, 2022:			
Total Project Disbursements	$	(14,892,325.00)	
Total Funds Applied to Loan Repayments/Defeasances	$	(170,783.00)	
Project Funds Disbursed to Date	$	(15,063,108.00)	B
Net Bond Proceeds Remaining	$	-	C

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Middlesex Water Company	Project # 1225001-026. Replacemet of cast iron mains with cement mortar lined ductile iron pipe, replacement of service lines and installation of meter pits and associated valves and appurtenances.	$ 9,434,154.00	$ 2,358,538.00	$ 2,294,095.00 $ 64,443.00 [1]	Completed
New Jersey-American Water Company, Inc.	Project # 2004002-011/1345001-016. Construction of improvements to Low Lift Pumping Station at its Raritan Millstone Water Treatment Plant that will entail replacement of existing pumps and motors, upgrade of stations electrical and instrumentation systems and expansion of existing operator control room. Improvements to Sunset Road Water Treatment Plant to include installation of new well house and various equipment therefor and demolition work at existing treatment building, Low Lift Pump Station and yard.	$ 23,886,100.00	$ 5,971,525.00	$ 5,865,185.00 $ 106,340.00 [1]	Completed
New Jersey-American Water Company, Inc.	Project # 2004002-500 (Sandy PF). Demolition of certain structures, replacement of flood gates, reconstruction and stabilization of extisting flood walls at Raritan Millstone Water Treatment Plant. Improvements include reconstruction of access roadway to facility, construction of new ramps to provide access to top of flood walls, repair of intake sluice gates at the Low Lift Pumping Station, installation of dredge barge anchor piles and installation of shut-off vave on existing stormwater drain.	$ 26,932,181.00	$ 6,733,045.00	$ 6,733,045.00	Completed
			Total Project Disbursements	**$ 14,892,325.00**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ 170,783.00**	
		TOTAL	**$ 15,063,108.00** A	**$ 15,063,108.00** B	**$ -** C

[1] Unexpended Funds applied to either loan repayments or defeasances.

Exhibit H9

Green Bond Report

New Jersey Infrastructure Bank Environmental Infrastructure Bonds - **Series 2018A-2**

Bond Sale Date: November 13, 2018

Bond Par Amount	$ 16,645,000.00	
Net Premium (priced at 104.865)	$ 809,701.05	
Net Bond Proceeds	$ 17,454,701.05	
Project Fund Exclusions (Capitalized Int., Fees and COI)	$ (799,225.05)	
Original Bond Proceeds Available for Projects	$ 16,655,476.00	A
As of March 31, 2022:		
Total Project Disbursements	$ (16,073,579.00)	
Total Funds Applied to Loan Repayments/Defeasances	$ (439,028.74)	
Project Funds Disbursed to Date	$ (16,512,607.74)	B
Net Bond Proceeds Remaining	$ 142,868.26	C

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Bordentown, City of	Project # 0303001-008. Replacement of HVAC dehumidification units and electrical system upgrades at its water treatment plant. All construction activities shall take place inside the existing filtration building.	$ 683,392.00	$ 170,848.00	$ 156,795.00 $ 11,967.98 [1]	$ 2,085.02
Burlington, City of	Project # S340140-01. Replace and upgrade stormwater pumps at its wastewater treatment facility. The pumps will be elevated from 5.06 feet to 15.0 feet above grade, which is above the 500-year flood elevation. The upgrades are required to mitigate potential water damage and increase the stormwater flow capacity of the City's stormwater pump discharge system.	$ 1,065,000.00	$ 266,250.00	$ 266,250.00	Completed
Cinnaminson SA	Project # S340170-08. Provision of sanitary sewer service to 23 existing, developed properties on Taylor's Lane & Surrey Lane. Properties currently being served by a systems that are in excess of 20 years old. Taylor's Lane will also get a pavement restoration.	$ 744,103.00	$ 186,026.00	$ 186,026.00	Completed
Gloucester County UA	Project # S340902-14. 6 contracts consisting of the following: Construction of Anaerobic Digester Process. Integration of newly installed anaerobic digestion system. Replacement of the existing grit removal system. Supplying clarifier equipment & an algae sweep system for the renovations to Final Clarifiers No. 1 & No. 4. Upgrades to the GCUA's aeration system blowers that will provide a reliable performance.	$ 41,193,973.00	$ 10,298,493.00	$ 10,003,729.00 $ 294,764.00 [1]	Completed
Jersey City MUA	Project # S340928-19/22 (Sandy PF). **S340928-19**: Installation of emergency generators @ the East & West Side pump stations. **S340928-22**: Sections of the detoriorating sidewalk will be removed & replaced w/ pervious surfaces that will recharge groundwater. 2 existing downspouts will be directed into 6 pre-cast downspout planter boxes. Portions of the parking lot will be removed & replaced w/ permeable surfaces that promote groundwater recharge. 2 Rain Gardens will be installed in front of the building to capture stormwater runoff, additionally 3 Rain Gardens will be installed along NJ Route 440 to intercept, treat, stormwater runoff.	$ 5,614,989.00	$ 1,628,747.00	$ 1,494,005.00 $ 31,600.00 [1]	$ 103,142.00

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Mantua Township MUA	Project # 0810004-002/003. **0810004-002**: Improvements include the decommissioning of the existing Well No. 2, Construction of a new Well No. 2A, well screen & turbine pump, new chlorine contact tank, emergency generator & upgrading SCADA System. **0810004-003**: Improvements include restoration of the water storage tank, electrical improvements & booster pump replacement. Repairs to the tank include abrasive blast, spot grind, fill, weld & painting of the interior & exterior of the tank.	$ 2,506,305.00	$ 674,776.00	$ 621,820.00 $ 51,647.72 [1]	$ 1,308.28
Newark, City of	Project # S340815-22 (CSO) (Sandy PF). Improvements to its Queen Ditch drainage facility to include the installation of precast concrete box culvert, the construction of an in-line floatables collection system, the construction of a headwall with a tide gate, the construction of a stone scour pad, modifications to the existing Queen Ditch Diversion Structure, the dredging and excavation of sediment within approximately 400 linear feet of the existing Queen Ditch to its original depth, the replacement of existing chain-link fence, the installation of piping and other project related construction work.	$ 5,946,436.00	$ 1,323,019.00	$ 1,323,019.00	Completed
North Hudson SA	Project # S340952-28. Rehabilitating various interior sections of deteriorated piping. Blockage removal & lining various sections of combined sanitary sewers. Project will also include cleaning & inspection of approx 12,300 LF of existing sewer pipe & CIPP lining of approx 5,500 LF of existing sewer pipe.	$ 1,188,119.00	$ 297,030.00	$ 297,030.00	Completed
Northwest Bergen County UA	Project # S340700-13. Improvements to the WWTP within Waldwick Borough. Improvements include replacement of 2 existing aeration system blowers w/ new energy efficient ones. Installation of a main control panel for logic control of the aeration system. Repair of the existing air distribution piping in the aeration tanks. Demolition of 4 waste activated pumps (WAS) & 3 concrete pads. Installation of 2 new energy efficient WAS pumps & replacement of all associated piping to connect into pipe headers.	$ 2,278,998.00	$ 569,750.00	$ 567,352.00 $ 2,398.00 [1]	Completed
Passaic Valley SC	Project # S340689-34. Waste Pump Expansion includes the purchasing & installing new pump valves, piping flow meters process control sampling & monitoring equipment, providing electrical improvements as necessary to accommodate the new style pumps. Improvements to address hydraulic issues & improve pump operational characteristics.	$ 909,975.00	$ 227,494.00	$ 227,494.00	Completed
Pennington, Borough of	Project #1108001-002 (Nano). The Borough shall replace the existing water mains located along East Curlis Avenue and Weidel Drive with new 8" DIP water mains. The current water mains are approaching their anticipated useful life, and the replacement is necessary to avoid future water main failures.	$ 631,180.00	$ 157,795.00	$ 118,845.00 $ 14,393.60 [1]	$ 24,556.40

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Rockaway Valley RSA	Project # S340821-09. Site stabilization & replacement of approx 60 LF of collapsed 54" RCP gravity interceptor. Relocation of 8 & 12 " water mains to accommodate for the repair of the collapsed interceptor, installation & testing of bypass pumping system, installation of odor containment & control system @ manhole B-11 & B-12. Cleaning, Videotaping & cured-in-place pipe lining of approx 750 LF of RCP interceptor. Replacement of paved walkways & pavement at site.	$ 1,688,513.00	$ 422,128.00	$ 422,128.00	Completed
Red Bank, Borough of	Project # 1340001-002. Construction of new emergency backup well for its existing Well No. 4A. Other improvements include painting and coating of the existing welded steel in the clarifier, cleaning and repairing of the aerator and piping leading to the aerator unit and various upgrades to the existing SCADA system at both the Chestnut Street and Tower Hill water treatment plant facilities.	$ 1,732,480.00	$ 433,120.00	$ 389,086.00 $ 32,257.44 [1]	$ 11,776.56
			Total Project Disbursements	**$ 16,073,579.00**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ 439,028.74**	
		TOTAL	**$ 16,655,476.00 A**	**$ 16,512,607.74 B**	**$ 142,868.26 C**

[1] Unexpended Funds applied to either loan repayments or defeasances.

Exhibit H10

Green Bond Report

New Jersey Infrastructure Bank Environmental Infrastructure Bonds - **Series 2019A-1**

Bond Sale Date: May 7, 2019

Bond Par Amount	$	13,215,000.00	
Net Premium (priced at 106.650)	$	878,832.20	
Net Bond Proceeds	$	14,093,832.20	
Project Fund Exclusions (Capitalized Int., Fees and COI)	$	(425,496.20)	
Original Bond Proceeds Available for Projects	$	13,668,336.00	A
As of March 31, 2022:			
Total Project Disbursements	$	(13,540,692.43)	
Total Funds Applied to Loan Repayments/Defeasances	$	(87,031.55)	
Project Funds Disbursed to Date	$	(13,627,723.98)	B
Net Bond Proceeds Remaining	$	40,612.02	C

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Atlantic County UA	Project # S340809-24 (Sandy PF). Mitigation measures to make Atlantic County Utilities Authority's pump stations resistent to storm conditions.	$ 293,218.00	$ 73,305.00	$ 73,305.00	Completed
Atlantic County UA	Project # S340809-28. Address sewer sludge incinerator requirements set by the US EPA.	$ 3,426,233.00	$ 856,558.00	$ 855,321.00 $ 1,237.00 1	Completed
Bayshore RSA	Project # S340697-06. Permanent restoration and mitigation of the existing Blower Building No. 1 and existing Blower Building No. 2, as well as permanent restoration and mitigation of treatment plant's power distribution system.	$ 3,552,163.00	$ 998,696.00	$ 972,968.00 2 $ 25,728.00 1	Completed
Bellmawr, Borough of	Project # 0404001-006 (Nano). Various improvements to the Borough's drinking water infrastructure, including the replacement of ten fire hydrants, replacement of a water main on Park Drive, the replacement of a water main on Princeton Avenue, the replacement of a water main along Murray Avenue and assorted valve replacements.	$ 905,345.00	$ 226,336.00	$ 185,442.00 $ 11,895.44 1	$ 28,998.56
Burlington, Township of	Project # S340712-16. Rehabilitation of various asbestos cement sanitary sewer mains using trenchless technology to reline the pipes, as well as rehabilitating sewer manholes located along the sewer mains.	$ 713,022.00	$ 178,255.00	$ 169,289.00 $ 8,966.00 1	Completed
Gloucester, City of	Project # S340958-08. The removal and replacement of existing combined sewer mains on Brown Street and Paul Street.	$ 880,360.00	$ 220,090.00	$ 220,090.00	Completed
Gloucester, City of	Project # 0414001-022. The removal and replacement of existing deteriorated water mains on Brown Street.	$ 532,025.00	$ 133,006.00	$ 133,006.00	Completed
Kearny MUA	Project # S340259-07. Improvements to the Authority's Kearny Point pump station, including new dry-pit submersible pumps, a new pump header, and associated work. The projects also includes improvements to the Authority's Harrison Avenue pump station, including the installation of a new bar screen unit. Existing stnadby generators will be replaced at both pump stations.	$ 1,485,583.00	$ 474,712.00	$ 452,300.43 2 $ 22,411.57 1	Completed
Long Beach, Township of	Project # 1517001-501 (Nano/non-Nano). The project entails demolishing and replacing the damaged pump room at Brant Beach and the construction of a new pump room within the footprint of the existing structure along with related components.	$ 1,245,611.00	$ 311,403.00	$ 311,403.00	Completed
Middlesex County UA	Project # S340699-13. Permanent restoration of the mechanical HVAC and eletrical instrumentation and control equipment, and building repairs for the Edison pump station facilities. The project further entails flood proofing the building generator and switchgear builiding and tunnel access shaft.	$ 16,474,721.00	$ 4,269,899.00	$ 4,269,899.00 2	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Old Bridge MUA	Project # 1209002-013. Rehabilitation of existing unlined cast iron water mains within the Knollcroft Dvelopment of Old Bridge Township.	$ 2,841,454.00	$ 710,363.00	$ 706,105.00 $ 4,258.00 1	Completed
Perth Amboy, City of	Project # S340435-13 (CSO- green). Installation of porous pavement for the paving of parking lots with the purpose of reducing the flow of stormwater into the city's combined sewer system.	$ 358,648.00	$ 89,662.00	$ 70,031.00 $ 8,017.54 1	$ 11,613.46
Perth Amboy, City of	Project # S340435-18. Replacement of water meters within city limits.	$ 1,396,632.00	$ 349,158.00	$ 344,640.00 $ 4,518.00 1	Completed
Rockaway Valley RSA	Project # S340821-06. Design of a permanent gravity sewer connection of the Park section sewers. This new gravity sewer will extend along Morris Avenue and connect to the existing Jersey City Trunk Sewer.	$ 2,269,619.00	$ 567,405.00	$ 567,405.00	Completed
Somerset Raritan Valley SA	Project # S340801-08. Rehabilitation of a sludge incnerator consisting of a new secondary heat exchanger, new scrubber system and new associated instrumentation and electrical system. A new mercury control system will also be installed.	$ 11,280,887.00	$ 2,820,222.00	$ 2,820,222.00	Completed
Somerville, Borough of	Project # S342013-01. Remediation and closure of a municipal landfill and installation of stormwater management measures.	$ 3,426,018.00	$ 856,504.00	$ 856,504.00	Completed
Tuckerton, Borough of	Project # S340034-03. Replacement of existing sanitary sewer mains, manholes and service laterals located on Heron Road.	$ 1,320,188.00	$ 330,047.00	$ 330,047.00	Completed
Tuckerton, Borough of	Project # 1532002-006 (Nano). Replacement of existing asbestos concrete, ductie iron and PVC water mains, water services, fire hydrants, water valves, meter pits and water meters on Heron Road.	$ 810,860.00	$ 202,715.00	$ 202,715.00	Completed
			Total Project Disbursements	**$ 13,540,692.43**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ 87,031.55**	
		TOTAL	**$ 13,668,336.00 A**	**$ 13,627,723.98 B**	**$ 40,612.02 C**

[1] Unexpended Funds applied to either loan repayments or defeasances.

[2] Expended Funds include funds disbursed for SAIL Techical Fee.

Exhibit H11

Green Bond Report

New Jersey Infrastructure Bank Environmental Infrastructure Bonds - **Series 2020A-1**

Bond Sale Date: April 23, 2020

Bond Par Amount	$	34,300,000.00	
Net Premium (priced at 108.921)	$	3,059,850.15	
Net Bond Proceeds	$	37,359,850.15	
Project Fund Exclusions (Capitalized Int., Fees and COI)	$	(1,720,879.15)	
Original Bond Proceeds Available for Projects	$	35,638,971.00	A
As of March 31, 2022:			
Total Project Disbursements	$	(35,526,276.54)	
Total Funds Applied to Loan Repayments/Defeasances	$	(52,844.00)	
Project Funds Disbursed to Date	$	(35,579,120.54)	B
Net Bond Proceeds Remaining	$	59,850.46	C

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Aberdeen, Township of	Project # S340869-02. Installation of sanitary sewerage facilities (gravity sewer pump station force main) to eliminate failing septic systems as well as upgrades to the storm water system within the Woodfield Area of the Township.	$ 8,203,861.00	$ 2,050,965.00	$ 2,019,746.00 $ 31,219.00 1	Completed
Aberdeen, Township of	Project # 1330004-001 (Nano/non-Nano). Installation of approximately 9,000 LF of 8" PVC C900 water main to replace the Township's existing deteriorated distribution mains, valves, fire hydrant assemblies, residential service connections.	$ 1,315,504.00	$ 328,876.00	$ 328,876.00	Completed
Bradley Beach, Borough of	Project # S340472-02. Rehabilitate infrastructure systems over time by replacing 1,700 feet of storm drain with 18 inch diameter Reinforced Concrete Pipe - 30 drainage inlets, and 14 drainage manholes.	$ 379,715.00	$ 94,929.00	$ 94,929.00	Completed
Brick Township MUA	Project # 1506001-010/012. Replacement of approximately 100 fire hydrants within the Baywood section of the Township of Brick/Purchasing of approximately 30,000 water meters, which will range in size from 3/4-inch and 1-inch.	$ 2,063,584.00	$ 515,896.00	$ 515,896.00	Completed
Elizabeth, City of	Project # S340942-19 (CSO). To limit the roadway flooding and maintain passable travel lanes; inlets will be installed that will direct flow to a watertight 1.5 million gallon concrete vault which will store the flow below grade rather than allowing the surface to flood. In addition, a bioswale will be installed on the northeast side of Trumbull Street a rain garden will be installed in the proposed park and if possible tree boxes will be installed along Bond Street.	$ 6,189,682.00	$ 1,547,420.00	$ 1,547,420.00	Completed
Franklin Township SA	Project # S340839-07. Lining of approximately 8,000 linear feet of 8 and 10 inch gravity sewers and repair of laterals in the Foxwood Drive area within the Authority's South Crossing sewer shed to reduce extraneous flow.	$ 1,711,531.00	$ 427,882.00	$ 427,882.00	Completed
Gloucester County IA	Project # S342016-03. Construction of new landfill Cell 14 within the existing Gloucester County Solid Waste Complex. A dual leachate collection system will be constructed to intercept, treat, and properly dispose much of the precipitation falling. Use of a double-liner system will prevent leachate leakage and protect the groundwater quality.	$ 5,049,505.00	$ 1,262,376.00	$ 1,262,376.00	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Hoboken, City of	Project # S340635-06 (CSO-green). The combined sewer system in Hoboken, owned and operated by North Hudson Sewerage Authority (NHSA) collects both sanitary and stormwater flows. During wet weather, excess flows bypass the wastewater treatment plant and flow through combined sewer outfalls directly into the Hudson River. During high tide these outfalls can become submerged, preventing the excess water from discharging and resulting in localized flooding. The Northwest Resiliency Park project, coupled with the NHSA project to install a high level storm sewer system, pumping station, and discharge, will reduce CSO events in the H6/H7 sewersheds from an average 4 per month to an average 4 per year.	$ 33,476,332.00	$ 500,000.00	$ 500,000.00	Completed
Jackson Township MUA	Project # 1511001-010. Replacement of two storage tanks with one 0.2 MG tank with booster station shed and piping, site work and demolish existing tanks and old WTP. As well as, the demolition of Field Office and replace with new warehouse that will house the new pumps and chemical feed for well #3.	$ 6,909,069.00	$ 1,727,267.00	$ 1,727,267.00	Completed
Little Egg Harbor, Township of	Project # S344060-02 (BB). Removal of the existing stormwater drainage collection system, which consists of approximately 6,826 linear feet of drainage pipe, 83 inlets, 4 manholes, and 290 linear feet of bulkhead at 13 outfall locations. The Township will replace the above items with a new reconfigured stormwater drainage collection system, which will consist of 8,915 linear feet of new drainage pipe, 112 new inlets, 4 new manholes, 12 new inline check valves, 290 linear feet of new bulkhead at 13 outfall locations, and the restoration of paved and un-paved areas.	$ 3,941,221.00	$ 985,305.00	$ 985,305.00	Completed
Long Beach, Township of	Project # 1517001-502 (Nano/non-Nano). Construction of a new complete water plant including filters, pumps, chlorine and lime rooms, glass coated storage tank, fiberglass aeration tank and office; demolish existing water plant and site restoration; and construct and install all required mechanical, electrical equipment water filter piping SCADA system including pumps building with emergency generator; also construct all site water piping connecting pipe wells, aerator and water plants.	$ 8,953,360.00	$ 2,238,340.00	$ 2,238,340.00	Completed
Lower Township MUA	Project # 0505002-003. Installation of water main throughout the East Villas area of the Township in order to provide public water to residences that are currently subjected to utilizing on-site wells withdrawing contaminated water.	$ 2,912,243.00	$ 728,061.00	$ 728,061.00	Completed
Middlesex County UA	Project # S340699-12. The Project involves the restoration of mechanical HVAC and electrical equipment instrumentation and control equipment and building repairs for both the Sayreville Relief Pump Station and the Original Sayreville Pump Station facilities damaged by flood water from the Hurricane Sandy surge. The Project also involves the construction of a Flood Wall as a mitigation measure to protect the entire site from future flood events which will require the relocation of the present Main Electrical Substation and the Diesel Generator.	$ 21,883,296.00	$ 5,724,322.00	$ 5,664,471.54 [2]	$ 59,850.46

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Montclair, Township of	Project # S340837-03/04. The Township of Montclair Sewer Authority will rehabilitate portions of the existing collection system that are deteriorated and subject to inflow and infiltration (I&I) resulting in loss of sewage to the environment and admission of groundwater and stormwater to the system. The MSA has planned for the repair of the affected sewers to assure that wastewater is safely conveyed through the sewers to the regional wastewater treatment facility.	$ 1,823,498.00	$ 455,875.00	$ 455,875.00	Completed
Netcong, Borough of	Project # 1428001-007/008/009 (Nano). Remove out of service million gallon reservoir, repair in service million gallon reservoir, replace old, deteriorating mains that are failing, replace a section of undersized water main along Route 46, extend a portion of the existing water main on the south side or Route 80, replace various fire hydrants and water valves, replace customer meters and install automatic meter reading system.	$ 1,664,619.00	$ 416,154.00	$ 394,529.00 $ 21,625.00 1	Completed
Newark, City of	Project # 0714001-016. Rehabilitation of the Pequannock Water Treatment Plant, including; retrofitting decant tanks at the Pequannock WTP with plate settlers, replacing existing gas chlorine system with on-site hypochlorite generation system and lagoon sludge removal.	$ 11,037,063.00	$ 2,759,266.00	$ 2,759,266.00	Completed
North Hudson SA	Project # S340952-22 (CSO). The proposed project includes construction of an end-of-pipe solids and floatables screening facility. Including in the project is a pier structure to facilitate access and maintenance of facility. As part of the New Jersey Pollutant Discharge Elimination System (NJPDES) permit for the NHSA Adams Street Wastewater Treatment Plant the NHSA must implement measures that will capture remove and prevent the discharge of Solids and Floatables which can not pass through a bar screen having a bar spacing of 0.5 inches from all CSO points.	$ 16,102,444.00	$ 2,500,000.00	$ 2,500,000.00	Completed
North Hudson SA	Project # S340952-23. Improvements related to this project include; upgrades to the physical systems and some common systems and emergency repair of Hydrogritters. The secondary treatment process for the Adams Street WWTP has reached the end of its useful life and requires rehabilitation so the facility can comply with its permit limits.	$ 2,202,619.00	$ 550,655.00	$ 550,655.00	Completed
North Jersey District Water Commission	Project # 1613001-022/025/033. Replace Sedimentation basins 5 and 6 with high rate clarifiers. Along with, recycling lagoon discharge to the head of plant. Additionally, upgrading the Security Infrastructure for North Jersey District Water Supply Commission will provide an increased security for the treatment facilities owned by the Commission. Any breach in security could result in the possible physical damage such as fire, explosion, mechanical destruction or chemical release in and around any of the municipalities serviced by NJDWSC.	$ 15,838,440.00	$ 3,959,609.00	$ 3,959,609.00	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Ocean County UA	Project # S340372-58. Implement the use of Cured-In-Place-Pipe technology to rehabilitate the South Island Beach Interceptor and South Island Interceptor. The Authority's intent is to improve the conveyance system reliability and thus improve the operation of collection facilities to continue to meet the discharge limits and prevent system failures that could result in spills. The construction of the interceptor improvements should provide a higher degree of reliability in the Authority's capability collecting and conveying wastewater.	$ 2,284,615.00	$ 571,154.00	$ 571,154.00	Completed
Ocean Township SA	Project # S340750-14. The Authority proposes various mechanical, electrical, structural and site improvements to two (2) existing sanitary sewage pumping stations, Asbury Avenue Pump Station and the Longview Pump Station. Proposed improvements are necessary at both pump stations (Asbury Avenue and Longview) to maintain the existing facilities in operating condition and resilient against severe storm events that may potentially impact their operation in the future.	$ 302,122.00	$ 75,530.00	$ 75,530.00	Completed
Passaic Valley SC	Project # S340689-25. PVSCs Administration Building was severely damaged due to flooding as a result of Superstorm Sandy. The damage to the administration building included but is not limited to all of its communication and business systems. It is necessary to rebuild the Administration Building and it systems in a more resilient manner to ensure continued operation of the treatment plant in future events.	$ 2,363,382.00	$ 590,845.00	$ 590,845.00	Completed
Passaic Valley SC	Project # S340689-31. This project will replace PVSCs existing Sodium Hypochlorite Storage and Feed Facility tanks make improvements to the chemical feed system and if necessary the receiving area containment. The improvements are being designed to accommodate the disinfection for increased wet weather flows.	$ 2,725,169.00	$ 681,292.00	$ 681,292.00	Completed
Passaic Valley SC	Project # S340689-39 (CSO). The inner lining of the Heat Treatment Plant Supernatant Return pipe line was in disrepair and removed. The pipeline requires a new lining and/or coating for use within the treatment plant for various purposed including, but not limited to, biological waste activated sludge conveyance and biosolids treatment return liquids conveyance. These processes are required to continue secondary treatment and biosolids treatment operations at the PVSC facility.	$ 3,366,230.00	$ 841,557.00	$ 841,557.00	Completed
Roxbury, Township of	Project # S340381-07. Due to the age and deteriorating function of the existing MPS equipment, the Township intends to replace the existing pumps and ancillary systems new equipment to improve operational efficiency and reliability. The proposed dry submersible pumps will protect against dry well flooding and eliminate the need for the intermediate shafts and bearings and the seal water system, which will also reduce maintenance requirements.	$ 5,551,206.00	$ 1,387,801.00	$ 1,387,801.00	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Ship Bottom, Borough of	Project # S340311-03. Remove and replace 10,000 LF of existing sanitary sewer mains, manholes. services and clean outs with the Borough of Ship Bottom in various streets east and west of Long Beach Blvd. Sanitary sewer pipes are deteriorated and cracking allowing for significant volumes of groundwater infiltration into the sewer conveyance system. This also allows sewer pipes to leak into the surrounding soil and water table. Therefore, old and deteriorating pipes should be replaced with PVC pipe.	$ 2,799,207.00	$ 699,802.00	$ 699,802.00	Completed
Ship Bottom, Borough of	Project # 1528001-002 (Nano/non-Nano). Remove and replace approximately 10,000 LF of water mains (existing deteriorated and undersized water mains with new 6 inch and 8 inch PVC water mains), hydrants, water services, and curb stops within the Borough of Ship Bottom.	$ 2,530,165.00	$ 632,541.00	$ 632,541.00	Completed
Stafford, Township of	Project # 1530004-019. Replacement of water main with 12 inch DIP on Mill Creek Road between Jonathon Drive and the water treatment plant. The replacement of the existing water main will not only ensure the effectiveness and safety of the water main but it will also make the water main more efficient.	$ 1,116,862.00	$ 279,215.00	$ 279,215.00	Completed
Stony Brook RSA	Project # S340400-10. The project involves the replacement of seven existing dewatered sludge pumps with seven new dewatered sludge pumps and the replacement of the live bottom feed screws and drives for the sludge cake receiving bins. The pumps are essential for SBRSA to process/incinerate our sludge from our River Road, Hopewell and Pennington WWTPs as well as the liquid and cake sludge that SBRSA receives from approximately 30 small to midsize wastewater treatment plants.	$ 3,605,467.00	$ 901,366.00	$ 901,366.00	Completed
Toms River MUA	Project # S340145-06. Purchase of (i) One Closed Circuit TV, San Sewer Pipe Inspection Truck, (ii) One NatGas-powered emergency generator (and installation) for PS 10, (iii) Two Comminutors/Dimminutors/Grinders (and installation) for Pump Station 16. The current TV Inspection Truck has outlived its useful life and a replacement is needed to effectively continue the uninterrupted assessments of the aging infrastructure.	$ 592,257.00	$ 204,670.00	$ 204,670.00	Completed
			Total Project Disbursements	**$ 35,526,276.54**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ 52,844.00**	
	TOTAL		**$ 35,638,971.00** [A]	**$ 35,579,120.54** [B]	**$ 59,850.46** [C]

[1] Unexpended Funds applied to either loan repayments or defeasances.

[2] Expended Funds include funds disbursed for SAIL Technical Fee.

Exhibit H12

Green Bond Report

New Jersey Infrastructure Bank Environmental Infrastructure Refunding Bonds - **Series 2020A-R1 (refunding of 2006A Financing Prog/2010A Refunding Bonds)**

Refunding Bond Sale Date: June 7, 2020

ORIGINAL BONDS			
2006A Bond Par Amount	$	148,850,000	
Net Premium (priced at 102.132)	$	3,173,588	
Net Bond Proceeds	$	152,023,588	
Project Fund Exclusions (Capitalized Int., Fees and COI)	$	(20,606,313)	
2006A Bond Proceeds Available for Projects	$	131,417,274	
Interest Earned on Proceeds in Project Accounts	$	5,200,197	
Total Available for Projects	$	136,617,471	A
Refunding Participants			
Total Project Disbursements	$	(130,633,646)	
Total Funds Applied to Loan Repayments/Defeasances	$	(3,936,260)	
Unexpended Excess Funds Applied to Refunding	$	(445,523)	
Project Funds Disbursed to Date	$	(135,015,429)	B
Non- Refunding Participants			
Total Project Disbursements	$	(1,569,706)	
Total Funds Applied to Loan Repayments/Defeasances	$	(32,336)	
Project Funds Disbursed to Date	$	(1,602,042)	
Bond Proceeds Remaining			
Refunding Projects	$	-	C
Non-Refunding Projects	$	-	
Total	$	0	

REFUNDED BONDS		
Refunding Bond Par Amount	$	8,470,000
Net Premium (priced at 110.920)	$	924,924
Net Refunding Bond Proceeds	$	9,394,924
Remaining Project Account Funds	$	445,523
Total Refunding Bond Proceeds	$	9,840,447
Refunding Escrow Deposit	$	(9,763,723)
Underwriter's Discount and COI	$	(76,724)
Net Bond Proceeds Remaining		$0

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Asbury Park, City of	Project # S340883-02. The purchase of a jet vac truck, street sweeper and sewer inspection camera intended to facilitate the ongoing operation and maintenance of the sanitary and storm sewer systems. The project also entails the replacement of approximately 6,500 LF of deteriorated sanitary sewer main with new 8" PVC sewer pipe in the Central Business District. The existing main is vitrified clay pipe is severely deteriorated.	$ 2,172,000	$ 543,000	$ 543,000.00	Completed
Atlantic City MUA	Project # 0102001-001-1. Rehabilitation of the filtration facilities and sedimentation facilities of the water treatment plant. The proposed project will enable the water treatment plant to remove a filter from service for maintenance and to treat a maximum of 22 MGD to the anticipated water turbidity goal.	$ 2,397,471	$ 599,368	$ 496,355.00 $ 103,013.00 [1]	Completed
Atlantic County UA	Project # S340809-12/13. The purchase of a vacuum truck, as well as, the construction of a 500kW photovoltaic generation system at the ACUA wastewater treatment facility located on City Island in Atlantic County. The project includes solar arrays, current inverters, wiring, metering, controls and miscellaneous appurtenances.	$ 2,508,362	$ 627,090	$ 585,315.00 $ 41,775.00 [1]	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Bergen County UA	Project # S340386-04, 768-03. Installation of Overpeck Valley Relief Sewer parallel to the existing Overpeck Valley Trunk Sewer. The existing sewer and the proposed relief sewer will be interconnected along the route by the construction of nine Junction Chambers. The proposed system is designed to automatically provide hydraulic relief to the existing OVTS sewer by allowing the wastewater flow to be split between the two sewers at each Junction Chamber. Also included is the installation of three Gravity Belt Thickeners (GBT) at the wastewater treatment plant for processing Waste Activated Sludge along with structural modifications will be made to the thickening and dewatering buildings to fit the proposed equipment.	$ 73,332,413	$ 18,333,103	$ 17,867,454.00 $ 465,649.00 [1]	Completed
Berlin, Borough of	Project # 0405001-002/003/004. Replacement of 3,407 water meters with Fix Net Automatic Meter Reading System units. The Chestnut Avenue Water Tower must be cleaned, repaired and painted. As well as, installation of a generator at Plant #1 to ensure the integrity and reliability of the water system. The proposed improvements would help to reduce the potential environmental and health/safety hazards. There will be no impacts or disturbances to the environment as a result of this project.	$ 3,814,400	$ 1,907,200	$ 1,659,649.00 $ 247,551.00 [1]	Completed
Camden County MUA	Project # S340640-08-1, 709-03/04. Replacement of sludge dewatering belt filter presses, installation of additional sludge thickening equipment, and the extension of the plant effluent outfall. In addition, demolition and disposal of the existing sludge collection and scum removal system in the sedimentation tanks. New sludge collection and scum removal systems will be installed in the existing eighteen sedimentation tanks. Also included is, the construction of combined sewer solids and floatables control facilities in the Cities of Camden and Gloucester.	$ 33,802,462	$ 8,450,615	$ 7,851,810.00 $ 598,805.00 [1]	Completed
Denville, Township of	Project # S340466-03. Construction of approximately 300 linear feet of 12-inch diameter sanitary sewers, 24,500 linear feet 8-inch diameter sanitary sewers, and approximately 5,000 linear feet of 2½-inch High-Density Polyethylene low-pressure sewers including manholes and appurtenances.	$ 5,944,082	$ 2,922,041	$ 2,666,262.00 $ 255,779.00 [1]	Completed
Edison, Township of	Project # S340334-02. Drainage improvements project consisting of the replacement in-kind of an existing concrete headwall that receives water from an open channel located on Township owned property as well as the replacement & relocation of the existing storm sewer piping and inlets that convey storm water to the concrete headwall and into the 54-inch pipe. Along with, Fishel Road drainage improvements project consisting of the repairs and stabilization of a concrete lined gabion flume/channel tributary of the South Branch of the Rahway River between Fishel Road & Martin Avenue. Also, drains will be installed at the vertical face at the invert of the flume to permit groundwater to flow from the adjacent properties into the flume.	$ 883,562	$ 441,781	$ 441,781.00	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Elizabeth, City of	Project # S340942-07/08. Installation of approximately 1,466 linear feet of 36" diameter RCP pipe, 330 linear feet of 18" RCP and 1,428 linear feet of 12" PVC pipe to replace the existing 12" pipe. Also, fourteen catch basins will be installed, l0 along Harding Road and 4 on the cross streets. In addition, dredging approximately 2,730 feet of the Great Ditch, in order to alleviate recurring flooding conditions during rainfall events.	$ 2,881,379	$ 720,345	$ 720,345.00	Completed
Elizabeth, City of (JMEUC)	Project # S340686-05F. The proposed project includes the upgrading of the Joint Meeting of Essex and Union Counties (JMEUC) Wastewater Treatment Plant as follows: Replacement of Drives for Main Sewage Pumps, upgrades to the Primary Settling Tank Electrical, and the construction of new Laboratory and Office Building.	$ 3,364,447	$ 841,112	$ 841,108.00 $ 4.00 [1]	Completed
Elmwood Park, Borough of	Project # 0211001-001/002/003. Replacement of water mains, valves, fire hydrants, and service connections as well as, improvement of an existing pump station. These improvements include but are not limited to provision of three replacement pumps, installation of a permanent by-pass connection, replacement of the existing indoor emergency generator within an outdoor generator (and soundproof enclosure), and provision of a new automatic transfer switch.	$ 4,732,756	$ 2,366,378	$ 2,222,699.00 $ 143,679.00 [1]	Completed
Evesham MUA	Project # S340838-02. Upgrade the existing Wastewater Treatment Plant. The project consists of the demolition of the unused flow division chamber, equalization tanks and aeration tanks. Additionally, the construction of; screens and comminutor, new grit removal system, a new flow equalization tank, a new Modified Ludzock-Ettinger (MLE) biological nutrient removal system with integral clarifiers, and a new blower/operating building. As well as, upgrades to the existing Ultraviolet disinfection unit.	$ 11,399,148	$ 5,699,574	$ 5,699,574.00	Completed
Glen Ridge, Borough of	Project # 0708001-003. Replacement of lead services, abandonment of undersized mains and transfer of service to replacement mains. Also included is, the replacement of defective and undersized hydrants, branches and related work.	$ 1,569,570	$ 784,785	$ 718,367.00 $ 66,418.00 [1]	Completed
Hillside, Township of (JMEUC)	Project # S340686-05A. The proposed project includes the upgrading of the Joint Meeting of Essex and Union Counties (JMEUC) Wastewater Treatment Plant as follows: Replacement of Drives for Main Sewage Pumps, upgrades to the Primary Settling Tank Electrical, and the construction of new Laboratory and Office Building.	$ 400,529	$ 100,132	$ 100,131.00 $ 1.00 [1]	Completed
Irvington, Township of (JMEUC)	Project # S340686-05B. The proposed project includes the upgrading of the Joint Meeting of Essex and Union Counties (JMEUC) Wastewater Treatment Plant as follows: Replacement of Drives for Main Sewage Pumps, upgrades to the Primary Settling Tank Electrical, and the construction of new Laboratory and Office Building.	$ 1,201,588	$ 300,397	$ 300,395.00 $ 2.00 [1]	Completed
Island Heights, Borough of	Project # 1510001-001. Construction of a new water supply well drilled into the Piney Point Aquifer to replace failing well. The project is needed to provide a reliable backup drinking water source to existing water supply well, for the residents.	$ 397,000	$ 198,500	$ 198,500.00	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Linden, City of	Project # S340679-01-1. Replace various storm sewers around the city. The new stormwater system will connect with an existing storm sewer on Elizabeth Avenue. In addition, The City of Linden will close their sanitary landfill. To meet Department closure requirements the City intends to install a synthetic cap over the top of the landfill, a stormwater management system, and a gas collection system.	$ 1,083,600	$ 541,800	$ 528,617.00 $ 13,183.00 [1]	Completed
Long Beach, Township of	Project # 1517001-008. Replacement of existing 2-inch water mains with approximately 5,788 LF of new 6-inch PVC water mains in various streets.	$ 677,714	$ 338,857	$ 338,857.00	Completed
Middlesex County UA	Project # S340699-06. Middlesex County Utilities Authority (MCUA) proposes to bore a tunnel, 4000-feet long and line it with a 12-foot 4-inch inside diameter, concrete tunnel, containing two 60-inch diameter force mains. Additional items include an entry and exit shaft for the tunnel, a bypass pump station, 1500KW generators, a new electrical substation, various valves, manifolds, flow meters and other structural, mechanical and electrical items, as required.	$ 68,813,716	$ 34,406,858	$ 34,406,858.00	Completed
New Brunswick, City of	Project # 1214001-003. Demolition of the Raw Water Basin and the existing pressure filters, as well as, construction of a new membrane treatment facility and new high lift pumping facilities. Also included are; electrical system improvements, new chemical feed systems, new emergency generators and other improvements to the existing water treatment plant.	$ 21,578,106	$ 5,394,526	$ 5,394,526.00	Completed
Newark, City of (JMEUC)	Project # S340686-05C. The proposed project includes the upgrading of the Joint Meeting of Essex and Union Counties (JMEUC) Wastewater Treatment Plant as follows: Replacement of Drives for Main Sewage Pumps, upgrades to the Primary Settling Tank Electrical, and the construction of new Laboratory and Office Building.	$ 720,953	$ 180,238	$ 180,237.00 $ 1.00 [1]	Completed
North Hudson SA	Project # S340952-04/05-1/07/08. Improvements to the Adams Street Wastewater treatment plant liquid treatment and solids/floatables processes as well as the purchase of an Orange Peel grapple truck. Also included is the, removal and replacement of the existing mechanical bar screen, conveyor system and controls at the Adams Street Wastewater Treatment Plant. Additionally, cleaning and rehabilitation of all combined sewers that are made out of wood and manholes located in the southwest portion of Hoboken. As well as, improvements to the River Road Wastewater treatment plant.	$ 8,992,636	$ 2,248,159	$ 2,132,168.00 $ 115,991.00 [1]	Completed
North Jersey District Water Supply Commission	Project # 1613001-015/017. Installation of a series of solar panels on the roof of the Filter Building at the Wanaque Water Treatment Plant. The panels will be mounted without roof penetrations, which will maintain the integrity of the existing roof and maintain roof drainage. Also included is, the replacement of six 2000 horse power motors and the installation of five variable frequency drives to replace antiquated slip power recovery drives that have proven unreliable and difficult to maintain.	$ 3,455,273	$ 1,243,898	$ 1,193,785.00 $ 50,113.00 [1]	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
New Jersey Water Supply Authority	Project # N03054-03. This project consists of the acquisition of portions of five properties located within the municipalities of Bethlehem, High Bridge, Lebanon, and Califon & Union (Hunterdon County) for the preservation of open space and protection of water quality in the Raritan Basin.	$ 2,799,150	$ 699,787	$ 682,389.00 $ 17,398.00 [1]	Completed
Ocean County UA	Project # S340372-27. Rehabilitation and/or replacement of the steel rake mechanisms, baffles, weir, motors, controls and lighting, lining and manhole rehabilitation, repair and/or rehabilitation of the Main influent Pump Station and the Grits and Screening Building and installation of a new grit dewatering system, along with, the installation of a roof top, solar power, photovoltaic system.	$ 14,696,910	$ 7,348,455	$ 7,348,455.00	Completed
Old Bridge MUA	Project # S340945-07-1. The installation of cured-in-place resin-impregnated felt liners within approximately 17,625 linear feet of existing deteriorating asbestos cement and reinforced concrete sewer mains. In addition, liners were applied to walls and bench surfaces of associated manholes in need of rehabilitation. Also included, is the replacement of approximately 2,700 linear feet of the Lawrence Harbor interceptor sewer with 30-inch ductile iron pipe, a metering chamber and modifications to the existing metering chamber.	$ 6,334,000	$ 3,167,000	$ 3,167,000.00	Completed
Passaic Valley SC	Project # S340689-01/03/10. Replacement of thirty-six final clarifier drive mechanisms, three for each of Passaic Valley Sewerage Commissioner's twelve final clarifiers. As well as, the replacement and/or upgrade of the electrical equipment and instrumentation for the Effluent & Wet Weather Pumping Stations. Additionally, the rehabilitation of main intercepting sewer utilizing a cure-in-place liner and rehabilitation of various manholes.	$ 37,479,322	$ 9,369,830	$ 7,921,951.00 $ 1,447,879.00 [1]	Completed
Pequannock, Lincoln Park & Fairfield SA	Project # S340880-02. Improvements and modification of two pumping stations, including; replacement of existing raw sewage pumps with dry pit submersible pumps which will allow for the elimination of existing seal water system and heat exchangers and construction of a new building to house both the new electrical controls and the new generator. Additionally, the existing wet well will be converted to a submersible pump station that will include two submersible pumps and a sewage grinder.	$ 9,008,726	$ 4,504,363	$ 4,434,692.00 $ 69,671.00 [1]	Completed
Princeton, Borough of	Project # S340656-03A. This project consists of sanitary and storm sewer rehabilitation, manhole rehabilitation, and the purchase of a truck mounted combination sewer cleaning machine and four wheel drive sewer jet.	$ 1,778,284	$ 889,142	$ 726,000.00 $ 163,142.00 [1]	Completed
Princeton, Township of	Project # S340656-03B. This project consists of sanitary and storm sewer rehabilitation, manhole rehabilitation, and the purchase of a truck mounted combination sewer cleaning machine and four wheel drive sewer jet.	$ 1,778,284	$ 889,142	$ 726,000.00 $ 163,142.00 [1]	Completed
Saddle River, Borough of	Project # 0258001-001. Construction of approximately 10,440 linear feet of 24-inch, 12-inch, and 8-inch diameter water main that will provide water supply to the Borough of Ramsey and will also provide an alternate water source to Saddle River residents who are currently using private wells that are subject to potential contamination, and to provide adequate fire protection, and water pressure.	$ 2,069,710	$ 1,034,855	$ 1,024,191.00 $ 10,664.00 [1]	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Financing by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Projects
Sea Girt, Borough of	Project # 1344001-001/002/003. Replacement of existing 4-inch water mains with 6-inch, installation of new mains to close dead ends in distribution system, abandoning the existing 4-inch water mains and transferring all water services. As well as, an addition to the existing pump building and new water treatment system for the removal of iron and manganese to replace the existing system that is failing.	$ 3,661,764	$ 1,830,882	$ 1,830,882.00	Completed
Stafford, Township of	Project # 1530004-002/008. Installation of 20,000 LF of 8 inch DIP and 19,000 LF of 12 inch DIP water mains that will be connected to existing water lines. Also included is the purchase and installation of Sensus Metering Systems, at each service.	$ 6,053,482	$ 3,026,741	$ 2,701,070.00 $ 325,671.00 [1]	Completed
Stockton, Borough of	Project # S340962-02. Installation of new drainage system including inlets, pipes, treatment units and manholes. Along with, regrading roadside swales located within and outside the ROW to direct stormwater to the drainage system, reconstruction and paving of the roadway to eliminate ponding of water and provide durable surface and subsurface. Additionally, the installation of new driveway aprons at residences along the roadway to direct stormwater into drainage.	$ 565,950	$ 282,975	$ 200,724.00 $ 82,251.00 [1]	Completed
Trenton, City of	Project # 1111001-004. Upgrades and facilities improvements of the Trenton Waterworks' water treatment plant to provide a firm capacity of 60 million gallons per day.	$ 48,893,604	$ 12,223,401	$ 12,223,401.00	Completed
Union, Township of (JMEUC)	Project # S340686-05D. The proposed project includes the upgrading of the Joint Meeting of Essex and Union Counties (JMEUC) Wastewater Treatment Plant as follows: Replacement of Drives for Main Sewage Pumps, upgrades to the Primary Settling Tank Electrical, and the construction of new Laboratory and Office Building.	$ 1,425,075	$ 356,275	$ 356,274.00 $ 1.00	Completed
West Orange, Township of (JMEUC)	Project # S340686-05E. The proposed project includes the upgrading of the Joint Meeting of Essex and Union Counties (JMEUC) Wastewater Treatment Plant as follows: Replacement of Drives for Main Sewage Pumps, upgrades to the Primary Settling Tank Electrical, and the construction of new Laboratory and Office Building.	$ 811,295	$ 202,824	$ 202,824.00	Completed
			Total Project Disbursements	**$ 130,633,646.00**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ 4,381,783.00**	
	TOTAL	**$ 393,478,723**	**$ 135,015,429 [A]**	**$ 135,015,429.00 [B]**	**$ - [C]**

[1] Unexpended funds applied to either loan repayments or defeasances.

Exhibit H13

Green Bond Report

New Jersey Infrastructure Bank Environmental Infrastructure Bonds - **Series 2021A-1**

Bond Sale Date: May 25, 2021

Bond Par Amount	$ 122,500,000.00	
Net Premium (priced at 108.921)	$ 12,887,619.90	
Net Bond Proceeds	$ 135,387,619.90	
Project Fund Exclusions (Capitalized Int., Fees and COI)	$ (4,663,575.90)	
Original Bond Proceeds Available for Projects	$ 130,724,044.00	A
As of March 31, 2022:		
Total Project Disbursements	$ (130,724,044.00)	
Total Funds Applied to Loan Repayments/Defeasances	$ -	
Project Funds Disbursed to Date	$ (130,724,044.00)	B
Net Bond Proceeds Remaining	$ -	C

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Allentown, Borough of	Project # S340567-06. Water Meter Replacement Project (F/K/A - Drinking Water)	$ 429,630.00	$ 107,407.00	$ 107,407.00	Completed
Berkeley Township MUA	Project #1505004-009. Installation of a new Well #4 with WM's to connect to WTP	$ 1,626,864.00	$ 1,545,521.00	$ 1,545,521.00 2	Completed
Bradley Beach, Borough of	Project # S340472-01. Sewer Main Installation & Repairs - Phase I	$ 1,932,795.00	$ 483,198.00	$ 483,198.00	Completed
Burlington, City of	Project # 0305001-002 (Nano). Rehabilitation of Dual Media Filters	$ 970,948.00	$ 436,927.00	$ 436,927.00 2	Completed
Camden County MUA	Project # S340640-16/22/23/24. (16) Wastewater Treatment Plant Improvements. (22) Upgrades to Camden City's CSO System. (23) Dredging of Camden City's CSO to reduce combined sewage flooding.	$ 18,834,698.00	$ 4,708,675.00	$ 4,708,675.00	Completed
Camden County MUA	Project # S340640-17/18. (17) Reduce potential CSO's within the City. (18) Phase I upgrades, improve/sustain optimal wastewater performance	$ 72,884,279.00	$ 18,221,069.00	$ 18,221,069.00	Completed
Clinton, Town of	Project # 1005001-011. 2017-TOC-WMR-CTWP Glen Eagles Drive, Muirfield Lane & Heather Hill Way	$ 707,848.00	$ 672,456.00	$ 672,456.00 2	Completed
Evesham MUA	Project # S340838-07. 2018 Sewer System Improvements	$ 1,232,820.00	$ 616,410.00	$ 616,410.00	Completed
Evesham MUA	Project # 0313001-001. Well 13 Treatment Improvements	$ 1,896,695.00	$ 1,801,860.00	$ 1,801,860.00 2	Completed
Glen Ridge, Borough of	Project # S340861-04. GR-2017-SSR Sanitary Sewer Rehab & Sanitary Sewer Collection System Asset Management Plan	$ 1,901,887.00	$ 452,822.00	$ 452,822.00	Completed
Gloucester County IA	Project # S342016-04. Cell 15 Construction	$ 8,546,342.00	$ 4,273,171.00	$ 4,273,171.00	Completed
Hoboken, City of	Project # S340635-07. Resilient Green Infrastructure for CSO Reduction	$ 4,292,768.00	$ 1,073,192.00	$ 1,073,192.00	Completed
Hoboken, City of	Project # 0905001-001. Washington St. Water Main/Green Infrastructure Drainage Improvements	$ 7,892,232.00	$ 7,497,620.00	$ 7,497,620.00 2	Completed
Jackson Township MUA	Project # 1511001-012/013. (012) Western Water Main Extension. (013) Six Flags Great Adventure Water Treatment Plant Replacement	$ 21,184,895.00	$ 20,125,650.00	$ 20,125,650.00 2	Completed
Jersey City MUA	Project # S340928-15/20. (15) Phase 3 & 4 Sewer Improvements. (20) Outfall Chambers	$ 36,575,247.00	$ 2,814,731.00	$ 2,814,731.00	Completed
Jersey City MUA	Project # S340928-28/31/34. (28) Van Winkle Ave Sanitary Sewer Rehab. (31) 54" JCMUA/PVSC Force Main Repair. (34) Sanitary Sewer Main Rehab/Lining	$ 10,715,876.00	$ 2,938,483.00	$ 2,938,483.00	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Lakewood Township MUA	Project # S340465-02/03. (02) Gravity Sewer Line Installation. (03) Administration Building Addition (F/K/A - DW)	$ 5,109,091.00	$ 2,121,377.00	$ 2,121,377.00	Completed
Linden Roselle SA	Project # S340299-09. Phase V Building Improvements	$ 1,420,045.00	$ 710,022.00	$ 710,022.00	Completed
Little Egg Harbor MUA	Project # S340579-03. Little Egg Harbor Sewer Main Replacement	$ 1,247,481.00	$ 623,740.00	$ 623,740.00	Completed
Little Egg Harbor MUA	Project # 1516001-003/005. (003) Water Treatment Plant & Mathistown Road. (005) Little Egg Harbor Water Improvements Phase I	$ 5,604,289.00	$ 5,324,074.00	$ 5,324,074.00 2	Completed
Manchester, Township of	Project # S340650-08. Install automated water meters (F/K/A - DW)	$ 2,442,546.00	$ 610,637.00	$ 610,637.00	Completed
Manchester, Township of	Project # 1518005-002. Repaint & Repair one MG elevated storage facility	$ 1,088,183.00	$ 1,033,774.00	$ 1,033,774.00 2	Completed
Middlesex County UA	Project # S340699-14. Main Truck Sewer Rehab Phase II	$ 9,372,984.00	$ 2,343,246.00	$ 2,343,246.00	Completed
New Jersey Water Supply Authority	Project # S340421-01. D&R Canal Dredging	$ 36,479,250.00	$ 9,119,812.00	$ 9,119,812.00	Completed
North Bergen MUA	Project # S340652-14. Woodcliff Additional Improvements	$ 19,695,440.00	$ 2,500,000.00	$ 2,500,000.00	Completed
North Brunswick, Township of	Project # S340888-02. Water Meter Replacement (F/K/A - DW)	$ 5,373,267.00	$ 1,343,317.00	$ 1,343,317.00	Completed
Ocean County UA	Project # S340372-59/60. (59) AW1611 Area Wide Clarifier Rehab. (60) SD1821 SI-4 Interceptor Rehab MH 12-2 to MH 10-6	$ 6,346,393.00	$ 1,586,599.00	$ 1,586,599.00	Completed
Ocean Township SA	Project # S340750-12. Interlaken Pump Station Reconstruction	$ 3,602,570.00	$ 900,642.00	$ 900,642.00	Completed
Old Bridge MUA	Project # S340945-14. 2015 Sewage Pump Station Upgrades	$ 3,159,523.00	$ 789,881.00	$ 789,881.00	Completed
Passaic Valley Sewerage Commission	Project # S340689-32/S345200-02. (32) Plant Wide Improvement to increase wet weather treatment capacity. (02) Asset Management Plan	$ 7,030,993.00	$ 1,757,747.00	$ 1,757,747.00	Completed
Passaic Valley Sewerage Commission	Project # S340689-30/40. (30) Sump Pump Relocation. (40) Plant Wide replacement & relocation of electrical switchgear & MCC's	$ 2,244,673.00	$ 561,168.00	$ 561,168.00	Completed
Passaic Valley Sewerage Commission	Project # S340689-38. Final Clarifier Concrete Rehabilitation Project	$ 15,108,984.00	$ 2,500,000.00	$ 2,500,000.00	Completed
Passaic Valley Sewerage Commission	Project # S340689-48. Crane Procurement	$ 772,940.00	$ 386,470.00	$ 386,470.00	Completed
Perth Amboy, City of	Project # S340435-11. Replace pumps, relocate electrical equipment to improve resiliency	$ 346,535.00	$ 86,634.00	$ 86,634.00	Completed
Plumsted, Township of	Project # S340607-03. Advanced WW Treatment & Collection System	$ 22,592,079.00	$ 12,854,226.00	$ 12,854,226.00	Completed
Point Pleasant Beach, Borough of	Project # S344190-02. Little Silver Drainage Improvement Project	$ 1,100,144.00	$ 275,035.00	$ 275,035.00	Completed
Point Pleasant Beach, Borough of	Project # S340479-04. Water Meter Replacement Project (F/K/A - DW)	$ 1,245,659.00	$ 313,665.00	$ 313,665.00	Completed
Rahway Valley SA	Project # S340547-14/15. (14) Replace existing digester tank covers & mixers, replacing gas flares. (15) Trucked-in Waste Receiving Station	$ 6,292,229.00	$ 1,573,058.00	$ 1,573,058.00	Completed
Rockaway Valley RSA	Project # S340821-07. Rehab & Enhancement of four existing final clarifiers	$ 6,591,988.00	$ 1,647,997.00	$ 1,647,997.00	Completed
Salem County IA	Project # S342022-02. Cell 10 Construction	$ 6,559,034.00	$ 3,279,517.00	$ 3,279,517.00	Completed

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Wall, Township of	Project # 1352003-001/002. (001) Route 138 Water Main Improvements. (002) Route 34 Water Main Improvements	$ 3,887,599.00	$ 3,693,219.00	$ 3,693,219.00 [2]	Completed
West Deptford, Township of	Project # S340947-05. Replacement of Pump Station 4 & 6	$ 1,206,696.00	$ 301,674.00	$ 301,674.00	Completed
Western Monmouth UA	Project # S340128-05/06. (05) Route 79 Pump Station & Force Main Replacement. (06) Pine Brook Sewage Treatment Plant Improvements	$ 18,869,285.00	$ 4,717,321.00	$ 4,717,321.00	Completed
			Total Project Disbursements	**$ 130,724,044.00**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ -**	
	TOTAL		**$ 130,724,044.00** [A]	**$ 130,724,044.00** [B]	**$ -** [C]

[1] Unexpended Funds applied to either loan repayments or defeasances.

[2] Projects participated in the Interest Subsidy Model.

Exhibit H14

Green Bond Report

New Jersey Infrastructure Bank Environmental Infrastructure Bonds - **Series 2021A-2**

Bond Sale Date: November 9, 2021

Bond Par Amount	$	28,495,000.00	
Net Premium (priced at 108.921)	$	2,821,740.05	
Net Bond Proceeds	$	31,316,740.05	
Project Fund Exclusions (Capitalized Int., Fees and COI)	$	(967,049.05)	
Original Bond Proceeds Available for Projects	$	30,349,691.00	A
As of March 31, 2022:			
Total Project Disbursements	$	(30,349,691.00)	
Total Funds Applied to Loan Repayments/Defeasances	$	-	
Project Funds Disbursed to Date	$	(30,349,691.00)	B
Net Bond Proceeds Remaining	$	-	C

Project Expenses as of 3/31/22:

Borrower	Project Description/Environmental Impact	Total Project Cost	Total Project Costs Financed by Bonds	Bond Proceed Disbursements for Projects	Bond Proceeds Remaining for Project Costs
Cranford, Township of	Project # S340858-04. Stormwater construction to various locations to improve drainage/prevent flooding.	$ 2,645,389.00	$ 661,347.00	$ 661,347.00	Completed
Elizabeth, City of	Project #S340942-19R. Trumbull Street Flood Control Project.	$ 245,962.00	$ 61,491.00	$ 61,491.00	Completed
Franklin Township SA	Project # S340839-06-1. Supplemental Loan for Rodney Avenue Pump Station.	$ 760,100.00	$ 190,025.00	$ 190,025.00	Completed
Jersey City MUA	Project # S340928-33. Pine Street Syphon Replacement	$ 7,704,443.00	$ 3,852,222.00	$ 3,852,222.00	Completed
Lambertville MUA	Project # S340882-09. WWTP Rehabilitation Work	$ 1,342,353.00	$ 671,176.00	$ 671,176.00	Completed
Lambertville MUA	Project # S340882-10. Collection System Rehabilitation	$ 494,857.00	$ 197,428.00	$ 197,428.00	Completed
Moorestown, Township of	Project # 0322001-002. Hartford Road Water Treatment Plant Upgrade	$ 12,436,800.00	$ 11,814,960.00	$ 11,814,960.00 [2]	Completed
Northwest Bergen County UA	Project # S340700-16/18. (16) Wastewater Treatment Plant Improvements. (18) Interceptor System Rehabilitation & Purchase of Equipment	$ 5,824,771.00	$ 1,456,193.00	$ 1,456,193.00	Completed
Paulsboro, Borough of	Project # S340164-01. Replace storm sewer along Thomson & Wood Avenues	$ 2,187,935.00	$ 546,984.00	$ 546,984.00	Completed
Paulsboro, Borough of	Project # 0814001-003. Water Main Replacement (Thomson, Wood, Elizabeth & Commerce Street)	$ 584,267.00	$ 555,054.00	$ 555,054.00 [2]	Completed
Raritan Township MUA	Project # S340485-12. Improve 2 unit processes at the Main Treatment Plant	$ 3,426,272.00	$ 856,568.00	$ 856,568.00	Completed
Somerset Raritan Valley SA	Project # S340801-07. Stormwater Control Facility to eliminate sewage discharge	$ 31,792,898.00	$ 7,948,224.00	$ 7,948,224.00	Completed
South Oranage Village, Township of	Project # 0719001-012. Well 17 Emergency Power	$ 633,663.00	$ 601,980.00	$ 601,980.00 [2]	Completed
Warren Township SA	Project # S340964-05. Stage 1/II & IV Collection System Rehabilitation	$ 2,659,329.00	$ 936,039.00	$ 936,039.00	Completed
			Total Project Disbursements	**$ 30,349,691.00**	
			Total Funds Applied to Loan Repayments/Defeasances	**$ -**	
	TOTAL		**$ 30,349,691.00** A	**$ 30,349,691.00** B	**$ -** C

[1] Unexpended Funds applied to either loan repayments or defeasances.

[2] Projects participated in the Interest Subsidy Model.

NEW JERSEY INFRASTRUCTURE BANK

Address: 3131 Princeton Pike, Building 4, Suite 216, Lawrenceville, NJ 08648
Phone: (609) 219-8600 – **Fax:** (609) 219-8620
Web Site: www.njib.gov
Facebook: https://www.facebook.com/njibank
LinkedIn: https://www.linkedin.com/company/nj-infrastructure-bank