

**NEW JERSEY
ENVIRONMENTAL INFRASTRUCTURE
FINANCING PROGRAM**

**STATE FISCAL YEAR 2022
FINANCING PROGRAM YEAR
FINANCIAL PLAN**

Submitted to the State Legislature by:
New Jersey Infrastructure Bank
New Jersey Department of Environmental Protection

MAY 2021



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**Report to the Legislature
Pursuant to**

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

By

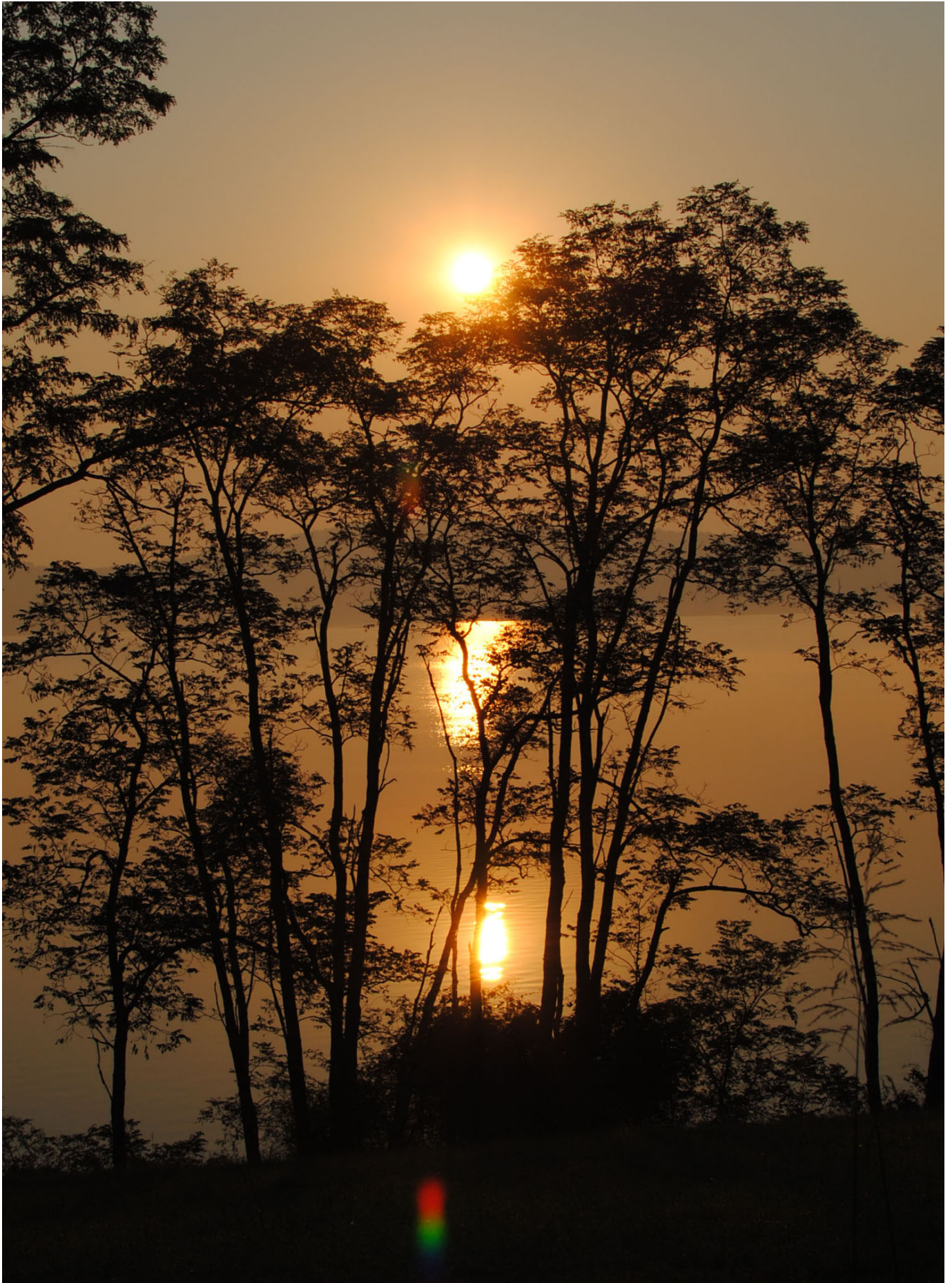
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TABLE OF CONTENTS

INTRODUCTION	1
THE NEW JERSEY INFRASTRUCTURE BANK - OVERVIEW	2
SFY2022 NEW JERSEY ENVIRONMENTAL INFRASTRUCTURE BASE AND SANDY FINANCING PROGRAMS....	3
PROGRAM OBJECTIVE	3
THE CLEAN WATER PROGRAM.....	3
THE DRINKING WATER PROGRAM	3
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 CONSTRUCTION LOAN PROGRAM.....	7
II. SFY2022 DISASTER RELIEF EMERGENCY FINANCING PROGRAM (SAIL)	10
PROGRAM OVERVIEW.....	10
LOAN FUNDING SOURCES	12
III. LONG-TERM FINANCING - SFY2022 BASE FINANCING PROGRAM	12
IV. SFY2022 “SANDY” NJEIFP REVIEW.....	19
PROGRAM OVERVIEW.....	19
LOAN FUNDING SOURCES	19
V. SFY2022 PINELANDS INFRASTRUCTURE TRUST FINANCING PROGRAM REVIEW	19
PROGRAM OVERVIEW.....	19
VI. OVERVIEW OF SFY2022 FINANCING PROGRAM REQUIREMENTS	20
FEES	23
NJIB LONG-TERM BONDS	24
THE FINANCING DETAIL	24
ESCROW CLOSING	26
SALE OF NJIB BONDS	26
DISCLOSURE	27
UNDERFUNDED OR OVERFUNDED ALLOWABLE COSTS	27
UNALLOWABLE COSTS	27

LOAN REPAYMENTS	27
INVESTMENT OF PROJECT LOAN ACCOUNT PROCEEDS	28
FLOW OF REPAYMENTS	28
BORROWER CREDIT REQUIREMENTS	29
CREDIT STRUCTURE AND RATING OF I-BANK BONDS.....	29
COVENANTS AFFECTING THE LOCAL UNIT.....	30
TERMS OF PREPAYMENT.....	31
DEFAULT	31
ASSIGNMENT OF OBLIGATIONS.....	32
MISCELLANEOUS PROVISIONS	32
APPENDICES	34



Round Valley Reservoir



INTRODUCTION

The New Jersey Infrastructure Bank (the “I-Bank” or “NJIB”) and the New Jersey Department of Environmental Protection (“DEP”) are pleased to present the State Fiscal Year 2022 (“SFY2022”) 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 SFY2022 Financing Program Year is defined as commencing July 1, 2021 and ending June 30, 2022. Since being established in 1985, the NJIB, 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 35th financing program year sets forth the plan by which projects, having applied and qualified for Water Bank loans, will be financed in SFY2022.

Throughout its history, the NJEIFP has focused upon providing financing for the construction and improvement of clean water and drinking water 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 1,375 long-term project loans totaling over \$7.4 billion for water quality and public health related environmental infrastructure projects. For the past thirty-four 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-six percent (36%) of each borrower’s original loan balance, this in combination with refundings has produced more than \$2.7 billion in estimated cost savings for the participants’ taxpayers and ratepayers.

The financial benefits of the NJEIFP 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. For an overview of the NJEIFP financing, see the Status Reports on Projects Funded in SFY1988 through SFY2021, attached as **Appendix B**.

This Report provides a detailed overview of the SFY2022 Water Bank financing program including the:

- i. Water Bank Multi-Year Construction Financing Program (“Short-Term” or “CLP”);
- ii. Water Bank Long-Term Financing Program;
- iii. Disaster Relief Emergency Financing Program (“SAIL”); and
- iv. Sandy Water Bank Long-Term Financing Program (“Sandy NJEIFP”).

The SFY2022 Water Bank Program offers additional measures to meet the challenges created by the increased demand for Water Bank funds by utilizing supplemental sources of monies from private lines of credit, and WIFIA funding, replenishing Drinking Water funds by transferring the maximum amount of funds permissible under new federal legislation and leveraging anticipated additional State appropriations. The Water Bank Financing Program will continue to offer the same competitive loan rates for the construction and improvement of clean water and drinking water facilities and systems while meeting more project needs and ensuring the long-term viability of the Water Bank Program.

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 Clean Water Act was amended, replacing the traditional federal grant program. The DEP acts as New Jersey’s SRF grant recipient and currently receives approximately \$84 million of 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 SFY2021, the DEP received \$60M in State appropriations, \$50M to finance drinking water projects, and \$10M to finance Clean Water projects, in the Water Bank. Any residual funds will be made available and utilized in SFY2022. After the federal Drinking Water State Revolving Fund program was created, providing 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. 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 newly formed 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 bond issues to address needed environmental infrastructure improvements. A portion of these funds were 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, P. L. 1985, c. 329** authorized the State to issue \$190 million in general obligation bonds, providing \$150 million to capitalize the DEP portion of the NJEIFP (“Fund”) 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** was amended by voters in 1997 to provide \$5 million for the NJIB to leverage via capitalization of NJIB debt service reserve funds;
- iv. **The Water Supply Bond Act of 1981** was also amended by voters to provide 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** was adopted, authorizing the State to issue bonds for \$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.

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

PROGRAM OBJECTIVE

As in the past, the goal of the Water Bank in SFY2022 is to provide low-cost interest rate financing to eligible applicants in order to spur the construction of environmental infrastructure projects. There are generally five prerequisites to an applicant's eligibility to receive a loan for a particular project:

- i. Availability of funds;
- ii. Identification of the project on a project priority list that has been submitted to the Legislature;
- iii. Project approval (issuance by the DEP of an "Authorization-to-Award" and project certification of eligibility by the Commissioner);
- iv. Securing the approval of 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
- vi. All loans must receive certification of funding from the I-Bank's Board of Directors or its Executive Director (depending on loan amount) prior to CLP closing and the State Treasurer and the Bank's Board of Directors before long-term financing.;

Applicants may submit loan applications at any time of the year. Program staff commence review of the applications upon submittal by borrowers of environmental planning, engineering design and plans & specifications. Issuance of project certification by the DEP for the borrower's construction contract is a condition precedent to disbursement of Water Bank funds by the I-Bank, thereby ensuring that the Water Bank's construction funds are committed only to those projects that meet all SRF Program requirements and are ready to proceed to construction.

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 \$948 million is available for SFY2022 CW project loans. Of this amount, approximately 50% 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 50% will be available from the proceeds of municipal 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 \$235 million is available for DW project loans in SFY2022. Of this amount, \$175 million is allocated to non-lead principal forgiveness projects where 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

municipal bonds issued by the I-Bank. The remaining \$60 million will be allocated to projects that protect water systems from the impacts of lead as a result of the Water Infrastructure Funding Transfer Act (aka, the “Booker Bill”). Of this amount approximately 50% were transferred from the Clean Water SRF to the Drinking Water SRF, and the remaining 50% will be available from proceeds of municipal bonds issued by the I-Bank.



Roxbury Township Treatment Plant Improvements. SFY2020 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 SFY2022 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 EPA 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") 2021

Intended Use Plans set forth the ranking methodologies utilized to rank both Base and Sandy SFY2022 Water Bank projects. FFY2021 CWSRF and DWSRF IUPs can be viewed at the URL listed in (i) above.

- iii. The Project Priority List (“PPL”) identifies projects targeted for financial assistance from the CWSRF and the DWSRF and identifies the estimated total eligible building costs under the appropriate project category. It 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 SFY2022 Water Bank Clean Water and Drinking Water Environmental Financing Program PPLs were published and delivered to the Legislature along with the Proposed Priority System for SFY2022 in January of 2021. The updated SFY2021 Interim Environmental Financing Program Clean Water and Drinking Water PPLs were submitted to the Legislature separately on January 9, 2021.

The projects listed in the amended SFY2022 CW and DW PPLs are prospective recipients of financing in this year's Financing Program. Typically, not all the projects listed in the Project Priority Lists receive funding for numerous 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 projects 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 Legislature with this Report each year. The Projects included on the PEL must also be identified on the PPL and have received Authorization to Award as of a date, typically no later than one month prior to submission of the appropriation bills, indicating that construction completion is likely within the upcoming fiscal year and thus eligible for inclusion in an I-Bank upcoming bond pool. The SFY2022 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) number¹. Eligibility also includes private colleges and universities that are interested in sponsoring non-point source pollution projects.

¹ 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 NJEIFP 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, which receive 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 fund is required to be established by the Project Sponsor in connection with the construction of new environmental treatment systems. For Borrowers which must develop an AMP due to the requirements of the Water Quality Accountability Act, AMPs must incorporate the requirements of both the law and regulations promulgated by the Department.



North Hudson SA CSO Abatement Solids & Floatables Screening. SFY2020 Financing Program.

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 generally 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 NJEIP'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 NJEIP's credit worthiness standards.

PROGRAM STRUCTURE

I. SHORT-TERM CONSTRUCTION LOAN PROGRAM

Short-Term CLPs are available to finance the cost of (i) environmental planning and engineering design activities as well as the development of asset management plans and project-related soft costs (e.g. legal expenses), and (ii) project construction upon project approval. CLPs 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. CLPs are available prior to the commencement of any professional services associated with a project application enabling the applicant to pay reasonably related project costs as they are incurred. CLPs are made by the I-Bank in anticipation of the conversion by the I-Bank as such construction loans to long term financing. Once a Short-Term construction loan borrower has obtained a certification from the DEP of its construction contract, the Water Bank is committed to converting 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 CLP features low interest rates, low transaction costs and a streamlined online application process. Multi-year construction loans provide efficient funding during the course of a project's 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 CLP also provides greater flexibility in addressing project cost adjustments prior to long-term financing. Central to the CLP 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 by confirming the refinancing approximately four months prior to long-term loan closing.

ESTABLISHMENT OF FINANCING TERMS

Loan terms are established in accordance with the following criteria:

For Projects financed through an NJEIFP Construction loan:

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

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

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

Planning & Design Activities

Planning and design (P&D) activities are eligible to be financed under the CLP 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 construction 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. SFY2022 P&D financing can be issued up to two (2) years. Upon certification of the first construction contract, the CLP loan term may be extended up to an additional of three (3) fiscal years. P&D loans specific to **Long-Term Control Plans (LTCPs) for Combined Sewer Overflow ("CSO") communities** that were submitted to the DEP in SFY2021, shall be issued with maturity terms up to five full fiscal years, plus the period of time prior to receipt of approval of the LTCP from the DEP, not to exceed ten (10) years and carry an interest rate equal to zero percent (0%). Principal repayments for these specific P&D loans commence after the third loan year consistent with the Local Bond Law (N.J.S.A. 40A:2-1 et seq.). Long-term financing for any resulting project shall be in accordance with the CSO loan financing terms at the time of certification of each construction contract for a term not to exceed the project's useful life or 45 years (pending approval from US EPA). As with all P&D loans, loans may mature sooner to align with construction completion.

FUNDING COMMITMENT FOR THE COSTS OF PLANNING & DESIGN IS AVAILABLE UPON:

- i. The Applicant's submissions of the following through the Water Bank's [H₂LOans](#) on-line system:
 - a. Project Description form;
 - b. An executed or draft engineering agreement; and
 - c. A short-term loan financial addendum form (ST-FAF).
- ii. The Water Bank's issuance or procurement of:
 - a. DEP Certification that proposed project is eligible under either the CW or DW SRF;
 - b. Credit Worthiness Approval;
 - c. Engineering Contract Approval;
 - d. DLGS approval; and
 - e. Construction Loan closing.

Project Construction

Construction Loans are issued for the project's construction period with a maximum term of up to three (3) full state fiscal years subsequent to construction certification. For projects which do not finance P&D activities in advance of construction certification within the program, the term of the Construction Loan is three (3) full state fiscal years from the date of loan closing. In addition, for all Construction Loans, the project must be identified on the Project Priority List submitted to the Legislature; funds must be available in the I-Bank's Construction Loan Program account; and the project sponsor must execute the requisite Construction Loan documentation with the NJIB.

FUNDING 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 [H₂LOans](http://www.h2loans.com) 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 Construction Loans.

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

SOURCES: Construction Loan financings are funded by the I-Bank using DEP funds to the extent available, and from Water Bank operating revenues or capital from one or more private lending institutions (Private Capital).

INTEREST DUE: Construction draws for project 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 expenses incurred by the I-Bank from borrowing Private Capital or a market interest rate if the I-Bank's funds are utilized. Interest charges incurred by participants under CLP Loans are accrued and capitalized through the term of the CLP loan.

INTEREST RATES: The I-Bank Board will set the interest rates or calculation methodology on CLP Loans at the beginning of each month during SFY2022 and may delegate the authority to the I-Bank's Executive Director.

Rates will be posted on the I-Bank website. It is anticipated that short-term loans issued in SFY2022 will be at an effective interest rate of between 0% and 50% of the I-Bank's short-term all-in market rate.

MATURITY: CLP 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 larger 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 CLP 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 Residual Loan long-term loan funding ratio for the construction component that was certified under the original loan is established consistent with and dictated by the original short-term loan of that construction component.

As described above, a Borrower is generally not obligated to repay principal or interest during the term of the CLP Loan. These totals are rolled into the Borrower's long-term Financing Program loan. An exception is CLP Loans for Long-Term Control Plans recognized by the Water Bank and certain conduit loans for redevelopment projects. LTCP short term loans closed in SFY2022 shall have a maturity of the lesser of (i) ten (10) full fiscal years or (ii) the period of time from (A) the SFY2022 closing date of the LTCP short term loan to the date on which the Borrower receives approval of the LTCP from the DEP, plus (B) five (5) full fiscal years thereafter. All LTCP short term loans shall be funded 100% from DEP funds provided to the I-Bank and shall bear zero percent (0%) interest. [Outstanding LTCP short term loans maintain the terms of their outstanding loan.]

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 such 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 CLP Loan and paid as specified in the 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.

Generally, execution of a CLP Loan preserves a project component's eligibility for long-term funding (exceptions being fraud, etc.). The repayment of all principal disbursed through the Construction Loan is due upon maturity of the loan, which is typically converted and refinanced through a NJEIFP 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 Construction Loan borrower fails to meet the requirements of the long-term loan or chooses to self-finance the project upon maturity of the Construction Loan, all amounts are then due and payable including the full 2% DEP Loan Origination Fee.

II. SFY2022 DISASTER RELIEF EMERGENCY FINANCING PROGRAM (SAIL)

PROGRAM OVERVIEW

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 Statewide Assistance Infrastructure Loan ("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 Legislature prior to receipt of SAIL financing. The current SAIL Priority List was submitted to the legislature on January 9, 2021.

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 (Stafford Act) or HUD requirements.

Partnership with NJOEM and FEMA. The I-Bank works closely with NJ Office of Emergency Management 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 generally incorporated into the Borrower's long-term financing program package.

Short-term SAIL Loans issued in SFY2022 will be at an effective interest rate of between zero percent (0%) and fifty percent (50%) of the I-Bank's cost for short-term funds. SAIL loans may be issued for terms not to exceed three full fiscal years.

SAIL financing will continue to be available in SFY2022 for short-term financing for projects to repair or improve the resiliency of environmental infrastructure systems adversely impacted during Superstorm Sandy or any newly declared disaster. SFY2022 SAIL loan interest rates are structured identically to that of short-term CLP 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.

LOAN FUNDING SOURCES

The DEP will transfer a maximum of \$1 billion to the I-Bank for the Water Bank's Short-Term Loan Programs ("Construction Loan" and "SAIL Loan" Programs). For both the short-term CLP and SAIL Programs, the I-Bank may procure Private Capital or utilize the I-Bank's environmental operating revenues to secure additional funds, as necessary.

The source of funds for the DEP loan component 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.

III. LONG-TERM FINANCING - SFY2022 BASE FINANCING PROGRAM

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 as referenced herein. The Base SFY2022 NJEIFP will offer eligible CW and DWSRF participants whose projects receive construction certification in SFY2022, 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. The I-Bank may use alternative sources of funds including municipal bonds, WIFIA loans. 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 funding cap of \$25 million per applicant per year applies to DWSRF projects with the exception of Lead Service Line replacement. Proposed amendments to the DWSRF IUP would provide for up to \$50 million in financing Lead service line replacement projects. Project costs in excess of the funding cap are financed at the I-Bank market rate to the extent of available capacity. Publicly owned water systems receiving construction certification under the DWSRF in SFY2022 (excluding Lead Service Line Replacements), and which serve a community defined as a "Disadvantaged Community" whose median household income, as defined under the 2010 U.S. Census, is equal to or less than 65% of the State's MHI (New Jersey's MHI was \$68,911 as reported in the 2010 Census²) will receive a funding package with a blended rate of 25% of I-Bank's all-in market rate for the first \$10 million in project costs. Project costs exceeding this cap will be financed at the SFY2022 Base Rate. Project sponsors are limited to one enhanced subsidization rate (e.g. Nano, affordability) per project, up to the project caps.

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"), and new landfill and landfill cell projects, the Base SFY2022 NJEIFP will offer eligible participants financing at a rate equivalent to seventy five percent (75%) of I-Bank's AAA all-in market rate.

The SFY2022 Base NJEIFP continues to offer significant components of the SFY2021 NJEIFP including principal forgiveness opportunities for certain types of projects including Lead Line Replacement, CSO Abatement, Water Quality Restoration and Small Water System projects. The Water Bank will continue to offer attractive financing terms such as longer loan terms, disbursement of CW funds based on readiness, frequent

² 2017 Census data is used for purposes of determining the MHI for Lead Service Line Replacement projects only

opportunities for conversion to long-term loans and conduit loans for qualifying redevelopment projects. Advantageous loan terms in SFY2022 for certain projects, including up to fifty percent (50%) principal forgiveness for CSO communities, lead service line replacement, and Water Quality Restoration projects provide substantial additional savings.

A minimum of \$1,183 million in loans is available through the SFY2022 NJEIFP. This total amount will consist of approximately \$591.5 million DEP Fund Loans and \$591.5 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 Water Infrastructure Finance and Innovation Act of 2014 ("WIFIA") loan program (it is anticipated there will be a small number of NJIB 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 SFY2022 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 the 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 generally derived from five sources:

- 1) current and prior annual federal CWSRF and DWSRF grants (capitalization grants);
- 2) proceeds of various previously issued State Bonds;
- 3) State legislative appropriations;
- 4) repayments from outstanding Fund Loans; and
- 5) interest earnings.

Federal capitalization grants and other State funds are being utilized as the source of funding for those loan funds eligible for Principal Forgiveness Loans ("PFLs") in the SFY2022 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 Clean Water State Revolving Fund and Drinking Water State Revolving Fund capitalization grants, respectively.

NJIB Loans - The I-Bank generally 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 available to finance the remaining eligible construction costs through completion not to exceed an additional three (3) fiscal years. Long-term funding from the I-Bank in the SFY2022 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 SFY2022 Base NJEIFP and Sandy NJEIFP Loans are scheduled to occur in November of 2021 and May of 2022. Loan closings and distribution of bond proceeds 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. In addition, in the fall of 2021, the I-Bank anticipates drawing funds from the USEPA administered WIFIA federal Loan Program concurrently with the sale of tax-exempt Revenue Bonds. (Note that the I-Bank may utilize cash-on-hand from its environmental operating revenues to serve as a source of funds for very small "Direct" loans rather than bond proceeds.)

The NJEIFP 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 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 CLP funding dollars for other projects.

In addition to bond funds, the I-Bank has received a commitment of funds from the 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 for eligible water and wastewater infrastructure projects. The 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 and DEP interest free funds to achieve a blended interest rate no greater than 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 []% of the I-Bank's AAA All-in Market Rate". In the event funds are made available from WIFIA for projects that have received CLPs 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.

A total of \$220.5 million in WIFIA funds has been identified as available by USEPA as a result of the I-Bank WIFIA loan application. The I-Bank's Enabling Act has been amended to extend the maturity terms of both short-term and long-term Water Bank financings for projects on a WIFIA Loan list to equal the full extent allowed by the federal act.

Principal Forgiveness Loan (PFL)

In addition to the Base SFY2022 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 Rate (or 75% for investor-owned drinking water systems, Conduit Borrowers, and Landfill projects), PFLs are available for certain projects. PFLs consist of between 19% (i.e., Superstorm Sandy), to 100% (i.e., small system lead remediation) of eligible project costs with the remaining portion of the loan typically bearing a Blended Interest Rate of 50% of the I-Bank's AAA All-in Market Rate, with the exception of the DW Lead Line Replacement Program (see below). Loan structures also vary based on project types.

SET-ASIDES AND RESERVES FOR THE BASE SFY2022 NJEIFP

- i. **Combined Sewer Overflow (CSO) Sewer shed (Green and Grey Infrastructure)** - \$35 million is dedicated to PFLs for CSO Abatement projects utilizing grey and green practices (such as green roofs, rain gardens, porous pavement, and other activities that treat stormwater runoff infiltration into subsoil or filtration by vegetation or the harvesting of stormwater). For the first \$4 million of project costs, Borrowers are offered financing terms consisting of 50% principal forgiveness and the balanced financed at a Blended Interest Rate of 50% of the I-Bank's AAA All-in Market Rate, subject to a \$2 million PFL limit per applicant. Project costs between \$4 million and \$10 million are financed at a Blended Interest Rate of 25% of the I-Bank's AAA All-in Market Rate. 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 Rate.
- ii. **Coastal Community Water Quality Restoration** - A total of \$2.5 million has been committed towards Cumberland County Improvement Authority to resolve failing septic systems and prevent shellfish bed closures in Downe Township, limited to Fortescue and Gandy's Beach offering financing terms consisting of 50% principal forgiveness and a Blended Interest Rate of 50% of the I-Bank's AAA All-in Market Rate for the first \$5 million of project costs. Costs in excess of \$5 million will be financed through the Blended Interest Rate of 50% of the I-Bank's AAA All-in Market Rate. To the extent those committed funds are not obligated in SFY2021, they will be made available to this project in SFY2022.
- iii. **Water Quality Restoration** - A total of \$17 million in PFL 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 such potential sources 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 \$4 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 Rate, subject to a \$2 million PFL limit per applicant. For project costs between \$4 million and \$10 million, financing terms consist of a Blended Interest Rate of 25% of the I-Bank's AAA All-in Market 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 Rate.
- iv. **The Small Water System Engineering Program** - A set-aside of \$2 million is available in the SFY2022 Financing Program for small system Drinking Water projects. Small systems are eligible for 100% principal forgiveness loans capped at \$750,000 per water system for engineering assistance to come into compliance. The federal government's Community Engineering Corps provides the funds for systems that serve up to 500 persons and the Department's Engineering Contract provides funds for systems with a population of 1,000 or less.

SET-ASIDES AND RESERVES FOR THE BASE SFY2022 NJEIFP (cont'd)

- v. **Lead Service Line Replacement Program** – The remainder of the \$106 million available through the Booker Bill that was not committed to eligible projects in FFY2021 will be available to fund projects in SFY2022 for public community and nonprofit non-community water systems for the replacement of lead pipes and lead components, including mains and service lines through the Lead Service Line Replacement Program. Water systems with a lead action level exceedance and serving communities with a median household income less than the median household income for the county in which they are located are eligible for financing with the following terms: Loans will be offered as 50% principal forgiveness and a Blended Interest Rate of 50% of the I-Bank's AAA All-in Market Rate. Project Applicants are capped at principal forgiveness of \$1, \$5 or \$10 million per water system (PWSID) per year based on the number of known lead service lines being replaced in communities with an MHI below the State MHI served by the water system. To qualify for this program, the presence of lead pipes and components must be documented. Proposed amendments to the DWSRF IUP may allow up to \$10M of project costs that are not eligible for principal forgiveness to be financed at the affordability rate (Blended Interest Rate of 25% of the I-Bank's AAA All-in Market Rate) for applicants that meet affordability criteria. The remainder of the project balance is eligible for financing by the I-Bank, as capacity allows. Partial line replacements are not allowed.
- vi. **Small System Lead Remediation** – A set-aside of \$10 million will be used to fund the installation of corrosion control treatment or lead service line replacement at water systems serving a population of up to 1,000 in priority ranked order. This includes small community water systems, such as mobile home parks, as well as eligible non-community water systems that may include schools and religious institutions. Project applicants are capped at \$1 million in principle forgiveness per water system (PWSID) per year. Loans will be offered as 100% Principal Forgiveness. Any funds remaining as of April 1, 2022 will be made available as PFLs under the terms of the LSL replacement category.
- vii. **Small System Loan Program (NANO)** - A \$4 million set-aside will again be offered to small Drinking Water systems serving 10,000 or fewer residents. 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 AAA Market Interest Rate. There is a per sponsor 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 Rate for publicly owned drinking water systems and Blended Interest Rate of 75% of the I-Bank's AAA All-in Market Rate for privately-owned drinking water systems. The DEP waives its 2% loan origination fee for NANO loans.

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.



North Wildwood City Utility Reconstruction. SFY2019 Financing Program.

Unless specified in the set-aside allotments described above, for all Base SFY2022 NJEIPF 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 and beyond 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 For projects eligible to receive relatively small Water Bank loans, the I-Bank utilizes cash-on-hand generated under its NJEIT Department in lieu of bond proceeds as the source of funds for its market rate loan component. Known as “Direct Loans”, these loans are generally available for small projects. Note: All projects receiving Direct Loans must have fully satisfied all program requirements including but not limited to submission of all application related documents compliant with submission deadlines and receipt of all project, credit worthiness and financial approvals. Subject to the NJIB Board’s discretion and including DEP’s Fund loan, Direct Loans will otherwise be capped at a total of \$1.0 million 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 exceptions: 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 generally 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 up to a maximum maturity, including initial loan, of 30 years, or the useful life of the project from the point of the original loan.

As the Water Bank Financing Program has progressed and now requires projects to be substantially complete prior to receiving long-term financing, cost increases are expected to occur during the term of the Construction Loan. As such, in SFY2022, it is expected that any cost increases will be handled by amending a project's short-term CLP loan amount.

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 - A number of 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 local share). The review and approval of such projects must contemplate satisfaction of multiple federal funding programs. For example, Hybrid Loan borrowers will 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 short-term loan vehicle ("CLP Loan" or SAIL Loan") as well as the long-term loan vehicle (Base SFY2022 NJEIFP, Sandy NJEIFP, I-Bank-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 Superstorm Sandy 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 NJEIFP 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 borrowing rates for borrowers. Project eligibility and ranking will be developed mid-year and publicized if such funds become available.

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 SFY2022 NJEIFP with none of the other programmatic limitations otherwise applicable to a redevelopment project.

IV. SFY2022 “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 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 funds that have not been committed in the SFY2021 or prior year Programs. If all remaining Sandy CWSRF funds are awarded in SFY2022, 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 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 roughly \$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 Sandy projects in SFY2022. 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. SFY2022 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 23 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 Legislature on January 19, 2021) 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:

- Pinelands infrastructure projects are funded by the I-Bank with monies appropriated from the Pinelands Infrastructure Trust Fund;
- Up to 40% of allowable project costs will be in the form of a grant;
- Up to 50% of allowable project costs will be in the form of a loan at an interest rate of 1.00%;
- 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
- 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 SFY2022 FINANCING PROGRAM REQUIREMENTS

1. **Financial Addendum Form** – Each borrower is required to complete a Financial Addendum Form ("FAF") by 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 generally 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). Such debt is approved rather 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 subject to its jurisdiction).

3. **DEP Project Certification** – DEP Project certification is required for all projects (e.g. Base SFY2022 NJEIFP, Sandy NJEIFP, SAIL, and Construction program loans), which is issued by the Commissioner of the DEP or her/his designee. DEP project 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 Project Certification** – Loan Certification is required for all projects seeking program financing. I-Bank Loan certification is awarded upon DEP project 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 CLP 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 project certification from the DEP and the I-Bank 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 CLP Loan from the I-Bank prior to long-term funding (i.e. self-funded projects) must regularly submit construction expenses on a form SLP101 to the DEP to allow Water Bank staff to monitor construction costs and percentage of project completion. To receive long-term financing these sponsors must submit 100% of their project expenses to and have such expenses approved by the DEP.
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 CLP Loans within as little as three (3) weeks of submission of a Short-term Financial Addendum Form, 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 early fall 2021 (in combination with a WIFIA loan), late fall 2021 and spring 2022.
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 easy 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.



Elizabeth City CSO Green and Gray Infrastructure. SFY2020 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 Construction 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 CDBG, Nano and Small System AMP loans, the DEP Loan Origination Fee is waived.

NJIB Loan Origination Fee. For SFY2022, an NJIB Loan origination fee of 0.01 % 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 generally 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 SFY2022 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 SFY2022 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 SFY2022 operating budget (**Appendix E**), or provide loans, collateral or match funds for the Program as appropriate or needed.

Security Research Fee. The NJIB may charge non-governmental participants for any expenses incurred by or on behalf of the I-Bank in connection with the evaluation of 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 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 amount due.

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 consulting engineers are used 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 Construction 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 market-rate. Participating in the Water Bank Financing Program has historically resulted in borrower savings between twenty-five and forty percent 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 \$2.70 billion on \$7.40 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 many 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 SFY2022 NJEIFP and is based upon loan agreements with general obligation ("G.O.") 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. In the circumstance where a CLP 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 CLP Loan and the Residual Loan.

The I-Bank intends to issue multiple series of environmental infrastructure bonds during SFY2022. 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 CLP 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 SFY2022. 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 full 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 doesn't 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 SFY2022 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 SFY2020, the I-Bank issued one new issue bond series and three refunding bond series, all 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 May of 2020, the I-Bank issued \$34.3 million of new issue Bond **Series 2020A-1** (Green Bonds) priced with a true interest cost ("TIC") of 2.39%;
- ii. In June of 2020, the I-Bank issued \$17.78 million of Refunding Bonds, **Series 2020A-R1** (refunding of Series 2002A, 2003A, 2004A and 2006A Bonds) (Green Bonds) priced with a TIC of 0.40%;
- iii. In June of 2020, the I-Bank issued \$42.58 million of Refunding Bonds, **Series 2020C-R1** (refunding of Series 2012A Bonds) (Federally Taxable) (Green Bonds) priced with a TIC of 1.46%;
- iv. In June of 2020, the I-Bank issued \$15.825 million of Refunding Bonds, **Series 2020C-R2** (refunding of Series 2012B and 2012C Bonds) (Federally Taxable) (Green Bonds) priced with a TIC of 1.49%.

To date, the I-Bank has financed 18 Green Bond Series totaling \$383.6 million. By SFY2021 year-end, the I-Bank intends to sell its Environmental Infrastructure Bonds Series 2021A-1 (Green Bonds) in the approximate amount of \$100 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 I-Bank bond sales will occur as Green Bonds in September 2021 (expected to be combined with a WIFIA bond), November 2021 and May 2022.

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 SFY2022 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 SFY2022 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. Fund Loan disbursements will be made by the State, 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 exceptional 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 CLP 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. A late charge of the greater of 12% per annum, or the Prime Rate plus 0.50% of the loan and/or fee payment amount due, calculated from the due date, and charged daily on the unpaid portion;

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 short 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 by the I-Bank through 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 ultimately 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 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 (“R&R”) Account, contribute to a reserve fund and/or Loan Loss Reserve Fund. Additional information regarding the I-Bank’s Credit 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. Many of the revenues 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 general obligation 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/private 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 FFY2021 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, will not have an adverse impact on the security for the I-Bank's bonds.

MISCELLANEOUS PROVISIONS

The I-Bank and the DEP reserve the right to make such modifications to this Report as may, in their discretion, be necessary, convenient, or desirable to the Water Bank Financing Program, provided such modifications are consistent with the purposes of the Financing Program and with the provisions of the enabling legislation and corresponding rules and regulations.

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APPENDICES

State Fiscal Year 2022 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
SFY2022 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 2018A-1	H6
Updated Green Bond Report NJEIT Series 2018B-1	H7
Updated Green Bond Report NJEIT Series 2018A-2	H8
Updated Green Bond Report NJEIT Series 2019A-1	H9
Green Bond Report NJEIT Series 2020A-1	H10
Green Bond Report NJEIT Series 2020A-R1	H11
Green Bond Report NJEIT Series 2020C-R1	H12
Green Bond Report NJEIT Series 2020C-R1	H13

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APPENDIX A

State Fiscal Year 2022 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
	Camden County Municipal Utilities Authority	S340640-18R		\$7,500,000	\$10,000,000	Phase I Upgrades - Improve/Sustain Optimal Wastewater Performance
	Elizabeth City	S340942-19R		\$206,250	\$275,000	Trumbull Street Flood Control Project
	Franklin Township Sewerage Authority	S340839-06-1		\$750,000	\$1,000,000	Supplemental - Rodney Ave Pump Station
	Hoboken City	S340635-06R		\$30,000,000	\$40,000,000	CSO - Acquisition, Remediation, & Construction on 6 Acre Park & Outfall
	North Bergen Municipal Utilities Authority	S340652-14R		\$3,750,000	\$5,000,000	Woodcliff Additional Improvements
	Ocean Twp. SA	S340750-14R		\$750,000	\$1,000,000	Asbury Avenue and Longview Pump Stations Rehabilitation
	Paterson City	S340850-03-1		\$1,912,500	\$2,550,000	Change Order 2 CSO 029 Solids and Floatables Control
	Plumsted Township	S340607-03R		\$7,500,000	\$10,000,000	Advanced WW treatment & collection system
	Rockaway Valley Regional Sewer Authority	S340821-07R		\$2,250,000	\$3,000,000	Rehab & enhancement of four existing final clarifiers
	Rockaway Valley Regional Sewer Authority	S340821-06-1		\$581,250	\$775,000	Supplemental Loan for Old Jersey Trunk Sewer Replacement
	Somerville Borough	S342013-01-1		\$1,387,500	\$1,850,000	Green Seam Phase II Ground Water Treatment
	Total Projects #: 11			\$56,587,500	\$75,450,000	

Residual/Supplemental Drinking Water Projects						
Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
	Newark City	0714001-016R		\$2,250,000	\$3,000,000	Pegannock Water Treatment Plant Rehab
	North Jersey District WSC	1613001-025R		\$19,125,000	\$25,500,000	Recycle Clear Phase to the Head of the Treatment Plant
	Total Projects #: 2			\$21,375,000	\$28,500,000	

Super Storm Sandy and State Fiscal Year 2022 Clean Water Project Eligibility List						
Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
269	Allentown Borough	S340567-05		\$3,825,000	\$5,100,000	Allentown Borough Wastewater Treatment Plant Modifications
1129	Atlantic City Municipal Utilities Authority	S340439-04		\$2,300,000	\$3,066,667	Water Meter and MTU Replacement
439	Atlantic County Utilities Authority	S340809-29		\$3,000,000	\$4,000,000	Replace a portion of Brigantine Force Main
443	Atlantic County Utilities Authority	S340809-30		\$7,575,000	\$10,100,000	Ventnor-Margate Force Main Replacement - Phase 1
94	Bayonne City	S340399-31		\$1,650,000	\$2,200,000	Stormwater Facilities And Francis G. Fitzpatrick Park Improvements
231	Bergen County UA	S340386-21		\$5,700,000	\$7,600,000	Final Settling Tanks Improvements
1164	Bloomfield Township	S340516-01		\$5,423,228	\$7,230,970	Water Meter Replacement (FKA DW)
467	Brick Township Municipal Utilities Authority	S340448-11		\$4,275,000	\$5,700,000	Wastewater Pump Station Rehabilitation - Phase II
648	Buena Borough Municipal Utilities Authority	S340518-06		\$973,500	\$1,298,000	Upgrades to Sanitary Sewer Pump Stations #1, 2 & 3
1156	Burlington City	S340140-02		\$1,950,000	\$2,600,000	Meter Replacement (FKA DW Meter replacement & Filter rehab)
536	Burlington Township	S340712-17		\$750,000	\$1,000,000	Sanitary Sewer Rehabilitation in Various Locations
47	Camden County Municipal Utilities Authority	S340640-18		\$63,022,500	\$84,030,000	Phase I Upgrades - Improve/Sustain Optimal Wastewater Performance
93	Camden County Municipal Utilities Authority	S340640-13		\$9,600,000	\$12,800,000	Delaware #1 Pump Upgrades
338	Chatham (MCJM) Borough	S340715-07A		\$5,466,885	\$7,289,180	Facility Improvements 2018
1034	Clinton Town	S340924-07		\$600,000	\$800,000	Town of Clinton System-Wide Customer Meter Replacement
897	Cranford Township	S340858-04		\$9,000,000	\$12,000,000	Stormwater Upgrades
1134	East Orange City	S340843-03		\$9,000,000	\$12,000,000	The Crossings at Brick Church
88	Elizabeth City	S340942-17		\$4,875,000	\$6,500,000	South Street Flood Control Project
275	Evesham Municipal Utilities Authority	S340838-09		\$375,000	\$500,000	Elmwood WWTP Resiliency Improvements
483	Franklin Township Sewerage Authority	S340839-09		\$5,625,000	\$7,500,000	Marcy Street Sanitary Sewer Rehab
617	Glen Ridge Borough	S340861-03		\$334,387	\$445,849	Sewer Cleaning Truck
263	Gloucester County Utilities Authority	S340902-15		\$8,625,000	\$11,500,000	Combined Heat & Power
177	Hackensack City	S340923-14		\$6,000,000	\$8,000,000	Sewer Separation to Support Main Street Redevelopment
130	Hoboken City	S340635-09		\$375,000	\$500,000	ROW Green Infrastructure adjacent to Water Mains
58	Hopatcong Borough	S340488-08		\$450,000	\$600,000	Hudson Avenue Sanitary Sewer Installation
311	Howell Township	S344040-02		\$11,010,000	\$14,680,000	Freewood Acres & Route 9 Sanitary Sewer Extension
143	Jersey City	S340928-30		\$2,033,250	\$2,711,000	Street Cleaning Equipment
66	Jersey City Municipal Utilities Authority	S340928-24	X	\$80,693,069	\$108,000,000	Phase 1/2 Sewer Rehabilitation
1116	Jersey City Municipal Utilities Authority	S340928-32		\$6,150,000	\$12,300,000	Remote Water Meter Reading (AMI) (FKA DW)
66	Jersey City Municipal Utilities Authority	S340928-33		\$6,750,000	\$9,000,000	Pine Street Syphon Replacement
247	Lambertville Municipal Utilities Authority	S340882-09		\$1,350,000	\$1,800,000	WWTP rehab work
656	Lambertville Municipal Utilities Authority	S340882-10		\$525,000	\$700,000	Collection system rehabilitation
245	Linden Roselle Sewer Authority	S340299-08		\$12,750,000	\$17,000,000	2019 Capital Improvements Projects
663	Long Beach Township	S340023-07		\$3,450,000	\$4,600,000	Sewer Main Replacement Project
850	Lower Township Municipal Utilities Authority	S340810-05		\$12,825,000	\$17,100,000	LTMUA Collection System Expansion
338	Madison (MCJM) Borough	S340715-07B		\$5,466,885	\$7,289,180	Facility Improvements 2018
390	Manasquan River Regional Sewerage Authority	S340911-03		\$495,000	\$660,000	MRRSA Vehicle Fleet and Equipment Replacement
859	Mantua Township Municipal Utilities Authority	S340514-02		\$1,687,500	\$2,250,000	Barnsboro Sewer Extension
577	Middlesex Borough	S340698-02		\$1,926,563	\$2,568,750	Sanitary Sewer Main Improvements
434	Monmouth County Bayshore Outfall Authority	S340325-04		\$2,625,000	\$3,500,000	Force Main Assessment and Rehabilitation
135	Mount Laurel Township Municipal Utilities Authority	S340943-06		\$6,000,000	\$8,000,000	Sewer System Improvement Project (Bundle 1)
506	Mount Laurel Township Municipal Utilities Authority	S340943-07		\$2,400,000	\$3,200,000	Sewer System Improvement Project (Bundle 2)
1	Musconetcong SA	S340384-09		\$4,500,000	\$6,000,000	Wastewater Treatment Plant Improvements
32	Newark City	S340815-24		\$15,750,000	\$21,000,000	Structural Evaluation & Rehab of 350 miles of small diameter sewers
869	Newton Town	S340449-04		\$403,500	\$538,000	Memory Park Drainage Improvements
49	North Bergen Municipal Utilities Authority	S340652-14		\$21,000,000	\$28,000,000	Woodcliff Additional Improvements
156	North Hudson Sewer Authority	S340952-30		\$17,400,000	\$23,200,000	2017 Adams Street Wastewater Treatment Plant Improvements
1024	North Hudson Sewer Authority	S340952-36		\$675,000	\$900,000	2019 Equipment Purchases

APPENDIX A - Alphabetical Order

Priority List Rank	Applicant	Project No.	Potential WIFA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
974	Northfield City	S340508-02		\$112,500	\$150,000	Vactor Truck Purchase
220	Northwest Bergen County Utilities Authority	S340700-16		\$3,675,000	\$4,900,000	Wastewater Treatment Plant Improvements
470	Northwest Bergen County Utilities Authority	S340700-15		\$5,250,000	\$7,000,000	Wastewater Pump Station Improvements
470	Northwest Bergen County Utilities Authority	S340700-18		\$1,500,000	\$2,000,000	Interceptor System Rehabilitation and Purchase of Equipment
470	Northwest Bergen County Utilities Authority	S340700-19		\$6,099,338	\$8,132,450	Interceptor System Rehabilitation
329	Ocean County	S344080-10		\$187,500	\$250,000	Camera Pipe Line Inspection Truck System - Equipment
329	Ocean County	S344080-11		\$262,500	\$350,000	Mechanical Street Sweeper - Equipment
333	Ocean County	S344080-09		\$975,000	\$1,300,000	Barnegat Bay Storm Water - Manufactured Treatment Devices
115	Ocean County Utilities Authority	S340372-62		\$3,225,000	\$4,300,000	ND1712 NWPCF Clarifier Rehabilitation FC-1 and FC-8
115	Ocean County Utilities Authority	S340372-63		\$1,650,000	\$2,200,000	NWPCF Solids Handling Facility Roof Replacement
115	Ocean County Utilities Authority	S340372-61		\$3,975,000	\$5,300,000	ND1702 NWPCF Influent Screw Pump Improvements
518	Ocean Township Sewer Authority	S340750-13		\$412,500	\$550,000	2016 Collection System Improvements
193	Passaic Valley Sewerage Commission	S340689-37	X	\$91,125,000	\$121,500,000	CSO - Substation "M" Replacement (SAIL)
201	Passaic Valley Sewerage Commission	S345200-01		\$7,125,000	\$9,500,000	Combined Sewer Overflow Long Term Control Planning
693	Passaic Valley Sewerage Commission	S340689-45		\$7,657,577	\$10,210,102	Sludge Storage Improvements
695	Passaic Valley Sewerage Commission	S340689-54		\$11,642,883	\$15,523,844	5th Thickening Centrifuge
584	Pennsville Sewerage Authority	S340870-04		\$1,200,000	\$1,600,000	Pumping Station No. 3 Force Main Replacement
731	Plumsted Township	S340607-03		\$12,769,687	\$34,000,000	Advanced WW treatment & collection system
565	Princeton	S340656-11		\$2,944,259	\$3,925,678	Improvements to Linden Lane and Spruce Street
255	Raritan Township Municipal Utilities Authority	S340485-12		\$3,675,000	\$4,900,000	Main Treatment Plant Improvements 2016
585	Red Bank Borough	S340528-01		\$1,125,000	\$1,500,000	White Street Water & Sewer Improvements
166	Riverside Sewerage Authority	S340490-01		\$630,000	\$840,000	Primary Digester Mixing System
331	Rockaway Valley Regional Sewer Authority	S340821-07		\$6,150,000	\$8,200,000	Rehab & Enhancement of Four Existing Final Clarifiers
331	Rockaway Valley Regional Sewer Authority	S340821-08		\$11,625,000	\$15,500,000	Various Upgrades for compliance with effluent limitation
314	Rutgers, The State University of New Jersey	S340500-01		\$27,750,000	\$37,000,000	Busch Cogeneration Plant Upgrade
533	Scotch Plains Township	S340512-01		\$2,025,000	\$2,700,000	Sewer Pump Station Upgrades
686	Ship Bottom Borough	S340311-05		\$3,750,000	\$5,000,000	Sewer Main Replacement Project
1186	Ship Bottom Borough	S340311-04		\$536,663	\$2,750,000	Residential Water Meter Project
183	Somerset Raritan Valley Sewer Authority	S340801-09		\$4,875,000	\$6,500,000	WWTP Rehabilitation Improvements (SFY2019)
184	Somerset Raritan Valley Sewer Authority	S340801-07		\$25,500,000	\$34,000,000	Stormwater Control Facility to eliminate sewage discharge
977	Spotswood Borough	S340510-01		\$4,070,250	\$5,427,000	Stormwater Management and Sanitary Sewer Improvements
264	Stafford Township	S344100-03		\$4,200,000	\$5,600,000	Neptune Basin Expansion
270	Stony Brook Regional Sewer Authority	S340400-11		\$16,500,000	\$22,000,000	Wastewater Treatment Plant UV Disinfection and Effluent Filtration
457	Toms River Municipal Utilities Authority	S340145-05		\$3,100,000	\$4,500,000	Sanitary Sewer Rehabilitation
457	Toms River Municipal Utilities Authority	S340145-08		\$1,018,800	\$1,358,400	Equipment Purchase
465	Two Rivers Water Reclamation Authority	S340117-09		\$3,000,000	\$4,000,000	Interceptor and Pump Station Improvements
1177	University Hospital	S340500-03		\$5,850,000	\$7,800,000	University Hospital Co Generation Plant
570	Warren Township Sewer Authority	S340964-05		\$8,100,000	\$10,800,000	Stage I/II, IV Collection System Rehabilitation
344	Wildwood City	S340664-06		\$11,784,758	\$15,713,010	2019 Capital Improvements
319	Willingboro Municipal Utilities Authority	S340132-09		\$6,750,000	\$9,000,000	Installation of Screening and Grit Removal Equipment
511	Winslow Township	S340895-10		\$1,275,000	\$1,700,000	Various Sanitary Sewer System Rehab
	Total Projects #: 89			\$693,715,481	\$948,838,080	

State Fiscal Year 2022 Drinking Water Project Eligibility List

Priority List Rank	Applicant	Project No.	Potential WIFA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
948	Allentown Borough	1302001-002		\$411,825	\$549,100	Elevated Water Tank Improvements
21	Bloomfield Township	0702001-003		\$823,796	\$1,098,395	Lead Service Line Replacement
56	Brick Township Municipal Utilities Authority	1506001-011	X	\$15,667,500	\$20,890,000	Granular Activated Carbon Treatment Addition
377	Brick Township Municipal Utilities Authority	1506001-009	X	\$4,446,570	\$5,928,760	Bretton Woods Water Main Replacement - Phase I
1022	Brielle Borough	1308001-004		\$1,845,000	\$2,460,000	Brielle Drinking Water Storage Tank Project
1057	Brielle Borough	1308001-005		\$2,700,000	\$3,600,000	Old Bridge Road Elevated Water Storage Tank
239	Clinton Town	1005001-010	X	\$1,320,000	\$2,640,000	West Main Street Water Main Replacement Project
929	Clinton Town	1005001-012		\$2,625,000	\$3,500,000	WQAA Implementation - Water Infrastructure Audit and Upgrades
1016	Clinton Town	1005001-013		\$2,250,000	\$3,000,000	Foster Wheeler Booster Pump Station Modifications - AMP
91	East Greenwich	0803001-004	X	\$1,950,000	\$2,600,000	Installation of Filtration System at Well #3
57	East Orange City	0705001-014	X	\$24,750,000	\$33,000,000	Water System Improvement and Resiliency Project 2017
920	East Windsor Municipal Utilities Authority	1101002-005		\$1,500,000	\$2,000,000	Twin Rivers (H section) Water Main Replacement Project
244	Glen Ridge Borough	0708001-008		\$1,929,908	\$2,573,210	Replace Lead Service Line / Hydrants & Water System AMP
178	Hamburg Borough	1909001-002		\$825,000	\$1,100,000	Water Storage Tank Rehabilitation
1168	Hamburg Borough	1909001-001		\$63,750	\$85,000	Small System Asset Management
1081	Hampton Borough	1013001-001		\$1,350,000	\$1,800,000	New Back Up Well 5 to Address Firm Capacity Requirements
1209	Hardyston Municipal Utility Authority	1911006-003		\$75,000	\$100,000	Asset Management Plan
1205	Highbridge Borough	1014001-001		\$75,000	\$100,000	Asset Management Plan for the High Bridge Water System
337	Hightstown Borough	1104001-010		\$1,331,759	\$1,775,678	2017 Water Main Improvements
225	Hoboken City	0905001-002		\$6,000,000	\$8,000,000	Water Main Upgrades
1167	Hopatcong Borough	1912001-004		\$75,000	\$100,000	Small System Asset Management
95	Jersey City Municipal Utilities Authority	0906001-017		\$1,305,180	\$1,740,240	Boonton Plant Centrifuge
119	Jersey City Municipal Utilities Authority	0906001-019	X	\$5,025,000	\$6,700,000	Route 139 Water Main Replacement Project
186	Jersey City Municipal Utilities Authority	0906001-025	X	\$24,000,000	\$32,000,000	Phase 1 & 2 Water Main Replacement Project
199	Jersey City Municipal Utilities Authority	0906001-009	X	\$3,750,000	\$5,000,000	Burma Road Area Water System Improvements
262	Jersey City Municipal Utilities Authority	0906001-020	X	\$4,965,000	\$6,620,000	Phase 3 and 4 Water Main Replacement Project
262	Jersey City Municipal Utilities Authority	0906001-021	X	\$8,250,000	\$11,000,000	Phase 5 Water Mains
281	Jersey City Municipal Utilities Authority	0906001-015	X	\$2,691,950	\$3,589,266	Van Winkle Ave. Water Main Replacement
419	Lakehurst Borough	1513001-002		\$900,000	\$1,200,000	Water Main Replacement Project Phase I
936	Long Beach Township	1517001-015		\$3,119,401	\$4,159,201	Water Main Replacement Project
221	Middlesex Water Company	1225001-028	X	\$8,400,000	\$11,200,000	Renew 2018 - Woodbridge Twp.
344	Middlesex Water Company	1225001-025	X	\$42,750,000	\$57,000,000	Western Transmission Main
944	Milltown Borough	1212001-005		\$1,350,000	\$1,800,000	Water Storage Tank Rehabilitation
48	Moorestown Township	0322001-001	X	\$18,468,750	\$24,625,000	North Church Street Water Treatment Plant Upgrade
353	Moorestown Township	0322001-002		\$11,430,000	\$15,240,000	Hartford Road Water Treatment Plant Upgrade
1048	Mount Arlington Borough	1426005-001		\$165,836	\$250,285	Mount Arlington Asset Management Plan

APPENDIX A - Alphabetical Order

Priority List Rank	Applicant	Project No.	Potential WIFA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
38	National Park Borough	0812001-005		\$1,144,875	\$1,526,500	Addition of PFOS Treatment at Existing Water Plant
1140	National Park Borough	0812001-004		\$1,275,000	\$1,700,000	Replacement of Wells 5 & 6
5	Newark City	0714001-020	X	\$13,125,000	\$17,500,000	Phase-2 Lead Service Line Replacement (LSLR) Project
7	Newark City	0714001-019	X	\$9,375,000	\$12,500,000	Phase-1 Lead Service Line Replacement (LSLR)
17	Newark City	0714001-022		\$17,250,000	\$23,000,000	Process And Operational Upgrades At the Water Treatment Plant
60	Newark City	0714001-008	X	\$25,647,000	\$34,196,000	Cleaning, Lining & Upgrading of WM and replace old fire hydrants
115	Newark City	0714001-018	X	\$3,862,500	\$5,150,000	Replacement of Water Distribution Mains
22	NJ American Water Company, Incorporated	1345001-017	X	\$7,575,000	\$10,100,000	Oak Street Treatment Plant Improvements
102	NJ American Water Company, Incorporated	2004002-012		\$15,000,000	\$20,000,000	NJ American Water Lead Service Line Replacement Program
133	NJ American Water Company, Incorporated	1345001-021	X	\$19,758,750	\$26,345,000	Swimming River WTP 2nd Clearwell
975	NJ American Water Company, Incorporated	2004002-013	X	\$12,000,000	\$16,000,000	RM WTP Emergency Generator
223	Old Bridge Municipal Utilities Authority	1209002-005		\$1,875,000	\$2,500,000	Laurence Harbor Water System Upgrade, Phase 1
14	Orange City	0717001-013		\$525,000	\$700,000	Well 5 Rehabilitation Project
36	Orange City	0717001-014		\$1,500,000	\$2,000,000	Relocation of the existing transmission main
958	Roosevelt Borough	1341001-007		\$450,000	\$600,000	Homestead, Cedar and Elm Water Mains Project.
126	Seaside Park Borough	1527001-004		\$1,125,000	\$1,500,000	Well 10 Treatment Facility
268	Ship Bottom Borough	1528001-003		\$7,500,000	\$10,000,000	Water Treatment Plant Reconstruction
417	Ship Bottom Borough	1528001-004		\$3,075,000	\$4,100,000	Water Main Replacement Project
269	South Orange Village	0719001-012		\$600,000	\$800,000	South Orange Newstead Watersphere Emergency Repairs
242	Spotswood Borough	1224001-001	X	\$2,582,936	\$3,443,914	Cleaning and lining of approximately 3,600 LF of water mains
6	Trenton City	1111001-011	X	\$15,255,000	\$20,340,000	Lead Service Line Replacement
120	Wildwood City	0514001-006	X	\$4,637,403	\$6,183,204	2019 Capital Improvements
110	Woodbine Borough	0516001-001	X	\$3,750,000	\$5,000,000	WTP Upgrade and water main extension
Total Projects #: 59				\$377,474,689	\$504,208,753	

Potential Spring 2021 Bond Sale Participants

(Note, if a project is included in the May 2021 Bond Sale, the project will drop off this SFY2022 list)

Priority List Rank	Applicant	Project No.	Potential WIFA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
1185	Allentown Borough	S340567-06		\$498,704	\$664,938	Water Meter Replacement (FKA DW)
271	Berkeley Township Municipal Utilities Authority	1505004-009		\$1,875,000	\$2,500,000	Installation of New Well #4 with WM to Connect to WTP
650	Bradley Beach Borough	S340472-01		\$2,025,000	\$2,700,000	Sewer Main Installation and Repairs - Phase I
24	Burlington City	0305001-002		\$2,700,000	\$3,600,000	Rehabilitation of Dual Media Filters
9	Camden County Municipal Utilities Authority	S340640-24		\$4,875,000	\$6,500,000	Upgrade of Camden County WTP To Increase Wet Weather Capacity
16	Camden County Municipal Utilities Authority	S340640-23		\$4,200,000	\$5,600,000	Dredging Of Camden City's CSO
16	Camden County Municipal Utilities Authority	S340640-22		\$2,625,000	\$3,500,000	Upgrades to Camden City's Combined Sewer Overflow System
7	Camden County Municipal Utilities Authority	S340640-17		\$2,625,000	\$3,500,000	CSO - Green & Gray Infrastructure
27	Camden County Municipal Utilities Authority	S340640-16		\$9,975,000	\$13,300,000	Wastewater Treatment Plant Improvements
239	Clinton Town	1005001-011		\$949,355	\$1,265,807	Glen Eagles Dr, Muirfield Ln, and Heather Hill Way WM Replacement
502	Evesham Municipal Utilities Authority	S340838-07		\$1,200,000	\$1,600,000	2018 Sewer System Improvements
348	Evesham Municipal Utilities Authority	0313001-001		\$1,950,000	\$2,600,000	Well 13 Treatment Improvements
617	Glen Ridge Borough	S340861-04		\$1,725,000	\$2,300,000	Sanitary Sewer Rehab & Collection System Asset Management Plan
1141	Gloucester County Improvement Authority	S342016-04		\$13,875,001	\$18,500,001	Cell 15 Construction
130	Hoboken City	S340635-07		\$3,750,000	\$5,000,000	Resilient Green Infrastructure for CSO Reduction
285	Hoboken City	0905001-001		\$6,375,000	\$8,500,000	Washington St. Water Main / Green Infrastructure Drainage Improv.
265	Jackson Township Municipal Utilities Authority	1511001-013		\$15,000,000	\$20,000,000	Six Flags Great Adventure Water Treatment Plant Replacement
984	Jackson Township Municipal Utilities Authority	1511001-012		\$8,250,000	\$11,000,000	Western Water Main Extension
66	Jersey City Municipal Utilities Authority	S340928-34		\$975,000	\$1,300,000	Sanitary Sewer Main Rehabilitation/Lining
66	Jersey City Municipal Utilities Authority	S340928-31		\$8,294,700	\$11,059,600	54 inch JCMUA/PVSC Force main Repair
66	Jersey City Municipal Utilities Authority	S340928-28		\$2,025,000	\$2,700,000	Van Winkle Ave. Sanitary Sewer Rehabilitation
66	Jersey City Municipal Utilities Authority	S340928-20		\$5,400,000	\$7,200,000	Outfall Chambers
66	Jersey City Municipal Utilities Authority	S340928-15		\$30,750,000	\$41,000,000	Phase 3 & 4 Sewer Improvements
1162	Lakewood Township Municipal Utilities Authority	S340465-03		\$1,312,500	\$1,750,000	Administration Building Addition (FKA DW)
825	Lakewood Township Municipal Utilities Authority	S340465-02		\$3,240,000	\$4,320,000	Gravity Sewer Line Installation
244	Linden Roselle Sewer Authority	S340299-09		\$1,575,000	\$2,100,000	Phase V Building Improvements
396	Little Egg Harbor Municipal Utilities Authority	S340579-03		\$1,779,298	\$2,900,000	Little Egg Harbor Sewer Main Replacement
122	Little Egg Harbor Municipal Utilities Authority	1516001-005		\$1,087,500	\$1,450,000	Little Egg Harbor Water Improvements Phases I
1123	Little Egg Harbor Municipal Utilities Authority	1516001-003		\$4,143,750	\$5,525,000	Water Treatment Plant at Mathistown Road
1179	Manchester Township	S340650-08		\$2,250,000	\$3,000,000	Install Automated Meters (FKA DW)
146	Manchester Township	1518005-002		\$4,125,000	\$5,500,000	Repaint and Repair One MG Elevated Storage Facility
425	Middlesex County Utilities Authority	S340699-14		\$8,250,000	\$11,000,000	Main Truck Sewer Rehab Phase II
903	New Jersey Water Supply Authority	S340421-01		\$45,000,000	\$60,000,000	D&R Canal Dredging
1173	North Brunswick Township	S340888-02		\$6,000,000	\$8,000,000	Water Meter Replacement (FKA DW)
461	Ocean County Utilities Authority	S340372-60		\$652,500	\$870,000	SD1821 SI-4 Interceptor Rehabilitation MH 12-2 to MH 10-6
118	Ocean County Utilities Authority	S340372-59		\$5,715,000	\$7,620,000	AW1611 Area Wide Clarifier Rehabilitation
521	Ocean Township Sewer Authority	S340750-12		\$3,375,000	\$4,500,000	Interlaken Pump Station Reconstruction
480	Old Bridge Municipal Utilities Authority	S340945-14		\$2,700,000	\$3,600,000	2015 Sewage Pump Station Upgrades
201	Passaic Valley Sewerage Commission	S345200-02		\$1,500,000	\$2,000,000	Asset Management Plan
193	Passaic Valley Sewerage Commission	S340689-48		\$675,308	\$900,410	Crane Procurement
201	Passaic Valley Sewerage Commission	S340689-40		\$3,750,000	\$5,000,000	Plant wide Replacement & Relocation of Electrical Switchgear and MCCs
201	Passaic Valley Sewerage Commission	S340689-38		\$16,125,000	\$21,500,000	Final Clarifier Concrete Rehabilitation Project
209	Passaic Valley Sewerage Commission	S340689-32		\$7,500,000	\$10,000,000	Newark Bay Outfall
209	Passaic Valley Sewerage Commission	S340689-30		\$2,775,000	\$3,700,000	Sump Pump Relocation
986	Paulsboro Borough	S340164-01		\$2,062,500	\$2,750,000	Stormwater Management
150	Paulsboro Borough	0814001-003		\$2,100,000	\$2,800,000	Water Main Replacement
170	Perth Amboy City	S340435-11		\$4,844,513	\$6,459,351	Second St. Pump Station Resiliency

APPENDIX A - Alphabetical Order

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
345	Point Pleasant Beach Borough	S344190-02		\$2,362,500	\$3,150,000	Little Silver Lake Drainage Improv. Project
1184	Point Pleasant Beach Borough	S340479-04		\$1,447,500	\$1,930,000	Water Meter Replacement Project (FKA DW)
15	Rahway Valley Sewerage Authority	S340547-15		\$1,941,389	\$2,588,518	Trucked-in Waste Receiving Station
12	Rahway Valley Sewerage Authority	S340547-14		\$7,125,000	\$9,500,000	Sludge Digester Upgrades
1152	Salem County Improvement Authority	S342022-02		\$7,399,084	\$8,500,000	Cell 10 Construction
228	Wall Township	1352003-002		\$2,775,000	\$3,700,000	Route 34 Water Main Improvements
228	Wall Township	1352003-001		\$1,350,000	\$1,800,000	Route 138 Water Main Improvements
544	West Deptford Township	S340947-05		\$1,061,250	\$1,415,000	Replacement of Pump Stations 4 and 6
334	Western Monmouth Utilities Authority	S340128-06		\$9,825,000	\$13,100,000	Pine Brook Sewage Treatment Plant Improvements
478	Western Monmouth Utilities Authority	S340128-05		\$5,887,500	\$7,850,000	Route 79 Pump Station and Force Main Replacement
Total Projects #: 57				\$305,629,852	\$406,668,625	

Pinelands Clean Water Projects

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
PL-4	Galloway	Pinelands		\$ 2,620,080.00	\$ 3,493,440	Pinehurst Sewer Extension
PL-2	Manchester Twp./Jackson MUA	Pinelands		\$ 5,394,026.25	\$ 7,192,035	Water & Sewer
PL-1	Pemberton	Pinelands		\$ 2,196,750.00	\$ 2,929,000	BCI Water System Improvement
PL-5	Winslow	Pinelands		\$ 1,296,705.00	\$ 1,728,940	Water & Sewer
Total Pinelands Projects: 4				\$ 11,507,561.25	\$ 15,343,415	
TOTAL NUMBER OF PROJECTS (Supplemental/Residual, CW, DW, Spring '21 Bond Pool and Pinelands) #: 222		TOTAL PROJECT COSTS (Supplemental/Residual, CW, DW, Spring '21 Bond Pool and		\$ 1,466,290,083	\$ 1,979,008,873	

APPENDIX A

**State Fiscal Year 2022 Appropriations (Eligibility) List
Ranked 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
	Camden County Municipal Utilities Authority	S340640-18R		\$7,500,000	\$10,000,000	Phase I Upgrades - Improve/Sustain Optimal Wastewater Performance
	Elizabeth City	S340942-19R		\$206,250	\$275,000	Trumbull Street Flood Control Project
	Franklin Township Sewerage Authority	S340839-06-1		\$750,000	\$1,000,000	Supplemental - Rodney Ave Pump Station
	Hoboken City	S340635-06R		\$30,000,000	\$40,000,000	CSO - Acquisition, Remediation, & Construction on 6 Acre Park & Outfall
	North Bergen Municipal Utilities Authority	S340652-14R		\$3,750,000	\$5,000,000	Woodcliff Additional Improvements
	Ocean Twp. SA	S340750-14R		\$750,000	\$1,000,000	Asbury Avenue and Longview Pump Stations Rehabilitation
	Paterson City	S340850-03-1		\$1,912,500	\$2,550,000	Change Order 2 CSO 029 Solids and Floatables Control
	Plumsted Township	S340607-03R		\$7,500,000	\$10,000,000	Advanced WW treatment & collection system
	Rockaway Valley Regional Sewer Authority	S340821-07R		\$2,250,000	\$3,000,000	Rehab & enhancement of four existing final clarifiers
	Rockaway Valley Regional Sewer Authority	S340821-06-1		\$581,250	\$775,000	Supplemental Loan for Old Jersey Trunk Sewer Replacement
	Somerville Borough	S342013-01-1		\$1,387,500	\$1,850,000	Green Seam Phase II Ground Water Treatment
	Total Projects #: 11			\$56,587,500	\$75,450,000	

Residual/Supplemental Drinking Water Projects						
Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
	Newark City	0714001-016R		\$2,250,000	\$3,000,000	Pequanock Water Treatment Plant Rehab
	North Jersey District WSC	1613001-025R		\$19,125,000	\$25,500,000	Recycle Clear Phase to the Head of the Treatment Plant
	Total Projects #: 2			\$21,375,000	\$28,500,000	

Super Storm Sandy and State Fiscal Year 2022 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 SA	S340384-09		\$4,500,000	\$6,000,000	Wastewater Treatment Plant Improvements
32	Newark City	S340815-24		\$15,750,000	\$21,000,000	Structural Evaluation & Rehab of 350 miles of small diameter sewers
47	Camden County Municipal Utilities Authority	S340640-18		\$63,022,500	\$84,030,000	Phase I Upgrades - Improve/Sustain Optimal Wastewater Performance
49	North Bergen Municipal Utilities Authority	S340652-14		\$21,000,000	\$28,000,000	Woodcliff Additional Improvements
58	Hopatcong Borough	S340488-08		\$450,000	\$600,000	Hudson Avenue Sanitary Sewer Installation
66	Jersey City Municipal Utilities Authority	S340928-24	X	\$80,693,069	\$108,000,000	Phase 1/2 Sewer Rehabilitation
66	Jersey City Municipal Utilities Authority	S340928-33		\$6,750,000	\$9,000,000	Pine Street Syphon Replacement
88	Elizabeth City	S340942-17		\$4,875,000	\$6,500,000	South Street Flood Control Project
93	Camden County Municipal Utilities Authority	S340640-13		\$9,600,000	\$12,800,000	Delaware #1 Pump Upgrades
94	Bayonne City	S340399-31		\$1,650,000	\$2,200,000	Stormwater Facilities And Francis G. Fitzpatrick Park Improvements
115	Ocean County Utilities Authority	S340372-61		\$3,975,000	\$5,300,000	ND1702 NWPCF Influent Screw Pump Improvements
115	Ocean County Utilities Authority	S340372-62		\$3,225,000	\$4,300,000	ND1712 NWPCF Clarifier Rehabilitation FC-1 and FC-8
115	Ocean County Utilities Authority	S340372-63		\$1,650,000	\$2,200,000	NWPCF Solids Handling Facility Roof Replacement
130	Hoboken City	S340635-09		\$375,000	\$500,000	ROW Green Infrastructure adjacent to Water Mains
135	Mount Laurel Township Municipal Utilities Authority	S340943-06		\$6,000,000	\$8,000,000	Sewer System Improvement Project (Bundle 1)
143	Jersey City	S340928-30		\$2,033,250	\$2,711,000	Street Cleaning Equipment
156	North Hudson Sewer Authority	S340952-30		\$17,400,000	\$23,200,000	2017 Adams Street Wastewater Treatment Plant Improvements
166	Riverside Sewerage Authority	S340490-01		\$630,000	\$840,000	Primary Digester Mixing System
177	Hackensack City	S340923-14		\$6,000,000	\$8,000,000	Sewer Separation to Support Main Street Redevelopment
183	Somerset Raritan Valley Sewer Authority	S340801-09		\$4,875,000	\$6,500,000	WWTP Rehabilitation Improvements (SFY2019)
184	Somerset Raritan Valley Sewer Authority	S340801-07		\$25,500,000	\$34,000,000	Stormwater Control Facility to eliminate sewage discharge
193	Passaic Valley Sewerage Commission	S340689-37	X	\$91,125,000	\$121,500,000	CSO - Substation "M" Replacement (SAIL)
201	Passaic Valley Sewerage Commission	S345200-01		\$7,125,000	\$9,500,000	Combined Sewer Overflow Long Term Control Planning
220	Northwest Bergen County Utilities Authority	S340700-16		\$3,675,000	\$4,900,000	Wastewater Treatment Plant Improvements
231	Bergen County UA	S340386-21		\$5,700,000	\$7,600,000	Final Settling Tanks Improvements
245	Linden Roselle Sewer Authority	S340299-08		\$12,750,000	\$17,000,000	2019 Capital Improvements Projects
247	Lambertville Municipal Utilities Authority	S340882-09		\$1,350,000	\$1,800,000	WWTP rehab work
255	Raritan Township Municipal Utilities Authority	S340485-12		\$3,675,000	\$4,900,000	Main Treatment Plant Improvements 2016
263	Gloucester County Utilities Authority	S340902-15		\$8,625,000	\$11,500,000	Combined Heat & Power
264	Stafford Township	S344100-03		\$4,200,000	\$5,600,000	Neptune Basin Expansion
269	Allentown Borough	S340567-05		\$3,825,000	\$5,100,000	Allentown Borough Wastewater Treatment Plant Modifications
270	Stony Brook Regional Sewer Authority	S340400-11		\$16,500,000	\$22,000,000	Wastewater Treatment Plant UV Disinfection and Effluent Filtration
275	Evesham Municipal Utilities Authority	S340838-09		\$375,000	\$500,000	Elmwood WWTP Resiliency Improvements
311	Howell Township	S344040-02		\$11,010,000	\$14,680,000	Freewood Acres & Route 9 Sanitary Sewer Extension
314	Rutgers, The State University of New Jersey	S340500-01		\$27,750,000	\$37,000,000	Busch Cogeneration Plant Upgrade
319	Willingboro Municipal Utilities Authority	S340132-09		\$6,750,000	\$9,000,000	Installation of Screening and Grit Removal Equipment
329	Ocean County	S344080-10		\$187,500	\$250,000	Camera Pipe Line Inspection Truck System - Equipment
329	Ocean County	S344080-11		\$262,500	\$350,000	Mechanical Street Sweeper - Equipment
331	Rockaway Valley Regional Sewer Authority	S340821-07		\$6,150,000	\$8,200,000	Rehab & Enhancement of Four Existing Final Clarifiers
331	Rockaway Valley Regional Sewer Authority	S340821-08		\$11,625,000	\$15,500,000	Various Upgrades for compliance with effluent limitation
333	Ocean County	S344080-09		\$975,000	\$1,300,000	Barnegat Bay Storm Water - Manufactured Treatment Devices
338	Chatham (MCJM) Borough	S340715-07A		\$5,466,885	\$7,289,180	Facility Improvements 2018
338	Madison (MCJM) Borough	S340715-07B		\$5,466,885	\$7,289,180	Facility Improvements 2018
344	Wildwood City	S340664-06		\$11,784,758	\$15,713,010	2019 Capital Improvements
390	Manasquan River Regional Sewerage Authority	S340911-03		\$495,000	\$660,000	MRRSA Vehicle Fleet and Equipment Replacement
434	Monmouth County Bayshore Outfall Authority	S340325-04		\$2,625,000	\$3,500,000	Force Main Assessment and Rehabilitation
439	Atlantic County Utilities Authority	S340809-29		\$3,000,000	\$4,000,000	Replace a portion of Brigantine Force Main

APPENDIX A - Ranked Order

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
443	Atlantic County Utilities Authority	S340809-30		\$7,575,000	\$10,100,000	Ventnor-Margate Forcemain Replacement - Phase 1
457	Toms River Municipal Utilities Authority	S340145-05		\$3,100,000	\$4,500,000	Sanitary Sewer Rehabilitation
457	Toms River Municipal Utilities Authority	S340145-08		\$1,018,800	\$1,358,400	Equipment Purchase
465	Two Rivers Water Reclamation Authority	S340117-09		\$3,000,000	\$4,000,000	Interceptor and Pump Station Improvements
467	Brick Township Municipal Utilities Authority	S340448-11		\$4,275,000	\$5,700,000	Wastewater Pump Station Rehabilitation - Phase II
470	Northwest Bergen County Utilities Authority	S340700-15		\$5,250,000	\$7,000,000	Wastewater Pump Station Improvements
470	Northwest Bergen County Utilities Authority	S340700-18		\$1,500,000	\$2,000,000	Interceptor System Rehabilitation and Purchase of Equipment
470	Northwest Bergen County Utilities Authority	S340700-19		\$6,099,338	\$8,132,450	Interceptor System Rehabilitation
483	Franklin Township Sewerage Authority	S340839-09		\$5,625,000	\$7,500,000	Marcy Street Sanitary Sewer Rehab
506	Mount Laurel Township Municipal Utilities Authority	S340943-07		\$2,400,000	\$3,200,000	Sewer System Improvement Project (Bundle 2)
511	Winslow Township	S340895-10		\$1,275,000	\$1,700,000	Various Sanitary Sewer System Rehab
518	Ocean Township Sewer Authority	S340750-13		\$412,500	\$550,000	2016 Collection System Improvements
533	Scotch Plains Township	S340512-01		\$2,025,000	\$2,700,000	Sewer Pump Station Upgrades
536	Burlington Township	S340712-17		\$750,000	\$1,000,000	Sanitary Sewer Rehabilitation in Various Locations
565	Princeton	S340656-11		\$2,944,259	\$3,925,678	Improvements to Linden Lane and Spruce Street
570	Warren Township Sewer Authority	S340964-05		\$8,100,000	\$10,800,000	Stage I/II, IV Collection System Rehabilitation
577	Middlesex Borough	S340698-02		\$1,926,563	\$2,568,750	Sanitary Sewer Main Improvements
584	Pennsville Sewerage Authority	S340870-04		\$1,200,000	\$1,600,000	Pumping Station No. 3 Force Main Replacement
585	Red Bank Borough	S340528-01		\$1,125,000	\$1,500,000	White Street Water & Sewer Improvements
617	Glen Ridge Borough	S340861-03		\$334,387	\$445,849	Sewer Cleaning Truck
648	Buena Borough Municipal Utilities Authority	S340518-06		\$973,500	\$1,298,000	Upgrades to Sanitary Sewer Pump Stations #1, 2 & 3
656	Lambertville Municipal Utilities Authority	S340882-10		\$525,000	\$700,000	Collection system rehabilitation
663	Long Beach Township	S340023-07		\$3,450,000	\$4,600,000	Sewer Main Replacement Project
686	Ship Bottom Borough	S340311-05		\$3,750,000	\$5,000,000	Sewer Main Replacement Project
693	Passaic Valley Sewerage Commission	S340689-45		\$7,657,577	\$10,210,102	Sludge Storage Improvements
695	Passaic Valley Sewerage Commission	S340689-54		\$11,642,883	\$15,523,844	5th Thickening Centrifuge
731	Plumsted Township	S340607-03		\$12,769,687	\$34,000,000	Advanced WW treatment & collection system
850	Lower Township Municipal Utilities Authority	S340810-05		\$12,825,000	\$17,100,000	LTMUA Collection System Expansion
859	Mantua Township Municipal Utilities Authority	S340514-02		\$1,687,500	\$2,250,000	Barnsboro Sewer Extension
869	Newton Town	S340449-04		\$403,500	\$538,000	Memory Park Drainage Improvements
897	Cranford Township	S340858-04		\$9,000,000	\$12,000,000	Stormwater Upgrades
974	Northfield City	S340508-02		\$112,500	\$150,000	Vector Truck Purchase
977	Spotswood Borough	S340510-01		\$4,070,250	\$5,427,000	Stormwater Management and Sanitary Sewer Improvements
1024	North Hudson Sewer Authority	S340952-36		\$675,000	\$900,000	2019 Equipment Purchases
1034	Clinton Town	S340924-07		\$600,000	\$800,000	Town of Clinton System-Wide Customer Meter Replacement
1116	Jersey City Municipal Utilities Authority	S340928-32		\$6,150,000	\$12,300,000	Remote Water Meter Reading (AMI) (FKA DW)
1129	Atlantic City Municipal Utilities Authority	S340439-04		\$2,300,000	\$3,066,667	Water Meter and MTU Replacement
1134	East Orange City	S340843-03		\$9,000,000	\$12,000,000	The Crossings at Brick Church
1156	Burlington City	S340140-02		\$1,950,000	\$2,600,000	Meter Replacement (FKA DW Meter replacement & Filter rehab)
1164	Bloomfield Township	S340516-01		\$5,423,228	\$7,230,970	Water Meter Replacement (FKA DW)
1177	University Hospital	S340500-03		\$5,850,000	\$7,800,000	University Hospital Co Generation Plant
1186	Ship Bottom Borough	S340311-04		\$536,663	\$2,750,000	Residential Water Meter Project
	Total Projects #: 89			\$693,715,481	\$948,838,080	

State Fiscal Year 2022 Drinking Water Project Eligibility List

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
5	Newark City	0714001-020	X	\$13,125,000	\$17,500,000	Phase-2 Lead Service Line Replacement (LSLR) Project
6	Trenton City	1111001-011	X	\$15,255,000	\$20,340,000	Lead Service Line Replacement
7	Newark City	0714001-019	X	\$9,375,000	\$12,500,000	Phase-1 Lead Service Line Replacement (LSLR)
14	Orange City	0717001-013		\$525,000	\$700,000	Well 5 Rehabilitation Project
17	Newark City	0714001-022		\$17,250,000	\$23,000,000	Process And Operational Upgrades At the Water Treatment Plant
21	Bloomfield Township	0702001-003		\$823,796	\$1,098,395	Lead Service Line Replacement
22	NJ American Water Company, Incorporated	1345001-017	X	\$7,575,000	\$10,100,000	Oak Street Treatment Plant Improvements
36	Orange City	0717001-014		\$1,500,000	\$2,000,000	Relocation of the existing transmission main
38	National Park Borough	0812001-005		\$1,144,875	\$1,526,500	Addition of PFOS Treatment at Existing Water Plant
48	Moorestown Township	0322001-001	X	\$18,468,750	\$24,625,000	North Church Street Water Treatment Plant Upgrade
56	Brick Township Municipal Utilities Authority	1506001-011	X	\$15,667,500	\$20,890,000	Granular Activated Carbon Treatment Addition
57	East Orange City	0705001-014	X	\$24,750,000	\$33,000,000	Water System Improvement and Resiliency Project 2017
60	Newark City	0714001-008	X	\$25,647,000	\$34,196,000	Cleaning, Lining & Upgrading of WM and replace old fire hydrants
91	East Greenwich	0803001-004	X	\$1,950,000	\$2,600,000	Installation of Filtration System at Well #3
95	Jersey City Municipal Utilities Authority	0906001-017		\$1,305,180	\$1,740,240	Boonton Plant Centrifuge
102	NJ American Water Company, Incorporated	2004002-012		\$15,000,000	\$20,000,000	NJ American Water Lead Service Line Replacement Program
110	Woodbine Borough	0516001-001	X	\$3,750,000	\$5,000,000	WTP Upgrade and water main extension
115	Newark City	0714001-018	X	\$3,862,500	\$5,150,000	Replacement of Water Distribution Mains
119	Jersey City Municipal Utilities Authority	0906001-019	X	\$5,025,000	\$6,700,000	Route 139 Water Main Replacement Project
120	Wildwood City	0514001-006	X	\$4,637,403	\$6,183,204	2019 Capital Improvements
126	Seaside Park Borough	1527001-004		\$1,125,000	\$1,500,000	Well 10 Treatment Facility
133	NJ American Water Company, Incorporated	1345001-021	X	\$19,758,750	\$26,345,000	Swimming River WTP 2nd Clearwell
178	Hamburg Borough	1909001-002		\$825,000	\$1,100,000	Water Storage Tank Rehabilitation
186	Jersey City Municipal Utilities Authority	0906001-025	X	\$24,000,000	\$32,000,000	Phase 1 & 2 Water Main Replacement Project
199	Jersey City Municipal Utilities Authority	0906001-009	X	\$3,750,000	\$5,000,000	Burma Road Area Water System Improvements
221	Middlesex Water Company	1225001-028	X	\$8,400,000	\$11,200,000	Renew 2018 - Woodbridge Twp.
223	Old Bridge Municipal Utilities Authority	1209002-005		\$1,875,000	\$2,500,000	Laurence Harbor Water System Upgrade, Phase 1
225	Hoboken City	0905001-002		\$6,000,000	\$8,000,000	Water Main Upgrades
239	Clinton Town	1005001-010	X	\$1,320,000	\$2,640,000	West Main Street Water Main Replacement Project
242	Spotswood Borough	1224001-001	X	\$2,582,936	\$3,443,914	Cleaning and lining of approximately 3,600 LF of water mains
244	Glen Ridge Borough	0708001-008		\$1,929,908	\$2,573,210	Replace Lead Service Line / Hydrants & Water System AMP
262	Jersey City Municipal Utilities Authority	0906001-020	X	\$4,965,000	\$6,620,000	Phase 3 and 4 Water Main Replacement Project
262	Jersey City Municipal Utilities Authority	0906001-021	X	\$8,250,000	\$11,000,000	Phase 5 Water Mains
268	Ship Bottom Borough	1528001-003		\$7,500,000	\$10,000,000	Water Treatment Plant Reconstruction
269	South Orange Village	0719001-012		\$600,000	\$800,000	South Orange Newstead Watersphere Emergency Repairs

APPENDIX A - Ranked Order

Priority List Rank	Applicant	Project No.	Potential WIFA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
281	Jersey City Municipal Utilities Authority	0906001-015	X	\$2,691,950	\$3,589,266	Van Winkle Ave. Water Main Replacement
337	Hightstown Borough	1104001-010		\$1,331,759	\$1,775,678	2017 Water Main Improvements
344	Middlesex Water Company	1225001-025	X	\$42,750,000	\$57,000,000	Western Transmission Main
353	Moorestown Township	0322001-002		\$11,430,000	\$15,240,000	Hartford Road Water Treatment Plant Upgrade
377	Brick Township Municipal Utilities Authority	1506001-009	X	\$4,446,570	\$5,928,760	Breton Woods Water Main Replacement - Phase I
417	Ship Bottom Borough	1528001-004		\$3,075,000	\$4,100,000	Water Main Replacement Project
419	Lakehurst Borough	1513001-002		\$900,000	\$1,200,000	Water Main Replacement Project Phase I
920	East Windsor Municipal Utilities Authority	1101002-005		\$1,500,000	\$2,000,000	Twin Rivers (H section) Water Main Replacement Project
929	Clinton Town	1005001-012		\$2,625,000	\$3,500,000	WQAA Implementation - Water Infrastructure Audit and Upgrades
936	Long Beach Township	1517001-015		\$3,119,401	\$4,159,201	Water Main Replacement Project
944	Milltown Borough	1212001-005		\$1,350,000	\$1,800,000	Water Storage Tank Rehabilitation
948	Allentown Borough	1302001-002		\$411,825	\$549,100	Elevated Water Tank Improvements
958	Roosevelt Borough	1341001-007		\$450,000	\$600,000	Homestead, Cedar and Elm Water Mains Project.
975	NJ American Water Company, Incorporated	2004002-013	X	\$12,000,000	\$16,000,000	RM WTP Emergency Generator
1016	Clinton Town	1005001-013		\$2,250,000	\$3,000,000	Foster Wheeler Booster Pump Station Modifications - AMP
1022	Brielle Borough	1308001-004		\$1,845,000	\$2,460,000	Brielle Drinking Water Storage Tank Project
1048	Mount Arlington Borough	1426005-001		\$165,836	\$250,285	Mount Arlington Asset Management Plan
1057	Brielle Borough	1308001-005		\$2,700,000	\$3,600,000	Old Bridge Road Elevated Water Storage Tank
1081	Hampton Borough	1013001-001		\$1,350,000	\$1,800,000	New Back Up Well 5 to Address Firm Capacity Requirements
1140	National Park Borough	0812001-004		\$1,275,000	\$1,700,000	Replacement of Wells 5 & 6
1167	Hopatcong Borough	1912001-004		\$75,000	\$100,000	Small System Asset Management
1168	Hamburg Borough	1909001-001		\$63,750	\$85,000	Small System Asset Management
1205	Highbridge Borough	1014001-001		\$75,000	\$100,000	Asset Management Plan for the High Bridge Water System
1209	Hardyston Municipal Utility Authority	1911006-003		\$75,000	\$100,000	Asset Management Plan
Total Projects #: 59				\$377,474,689	\$504,208,753	

Potential Spring 2021 Bond Sale Participants
(Note, if a project is included in the May 2021 Bond Sale, the project will drop off this SFY2022 list)

Priority List Rank	Applicant	Project No.	Potential WIFA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
7	Camden County Municipal Utilities Authority	S340640-17		\$2,625,000	\$3,500,000	CSO - Green & Gray Infrastructure
9	Camden County Municipal Utilities Authority	S340640-24		\$4,875,000	\$6,500,000	Upgrade of Camden County WTP To Increase Wet Weather Capacity
12	Rahway Valley Sewerage Authority	S340547-14		\$7,125,000	\$9,500,000	Sludge Digester Upgrades
15	Rahway Valley Sewerage Authority	S340547-15		\$1,941,389	\$2,588,518	Trucked-in Waste Receiving Station
16	Camden County Municipal Utilities Authority	S340640-22		\$2,625,000	\$3,500,000	Upgrades to Camden City's Combined Sewer Overflow System
16	Camden County Municipal Utilities Authority	S340640-23		\$4,200,000	\$5,600,000	Dredging Of Camden City's CSO
24	Burlington City	0305001-002		\$2,700,000	\$3,600,000	Rehabilitation of Dual Media Filters
27	Camden County Municipal Utilities Authority	S340640-16		\$9,975,000	\$13,300,000	Wastewater Treatment Plant Improvements
66	Jersey City Municipal Utilities Authority	S340928-15		\$30,750,000	\$41,000,000	Phase 3 & 4 Sewer Improvements
66	Jersey City Municipal Utilities Authority	S340928-20		\$5,400,000	\$7,200,000	Outfall Chambers
66	Jersey City Municipal Utilities Authority	S340928-28		\$2,025,000	\$2,700,000	Van Winkle Ave. Sanitary Sewer Rehabilitation
66	Jersey City Municipal Utilities Authority	S340928-31		\$8,294,700	\$11,059,600	54 inch JCMUA/PVSC Force main Repair
66	Jersey City Municipal Utilities Authority	S340928-34		\$975,000	\$1,300,000	Sanitary Sewer Main Rehabilitation/Lining
118	Ocean County Utilities Authority	S340372-59		\$5,715,000	\$7,620,000	AW1611 Area Wide Clarifier Rehabilitation
122	Little Egg Harbor Municipal Utilities Authority	1516001-005		\$1,087,500	\$1,450,000	Little Egg Harbor Water Improvements Phases I
130	Hoboken City	S340635-07		\$3,750,000	\$5,000,000	Resilient Green Infrastructure for CSO Reduction
146	Manchester Township	1518005-002		\$4,125,000	\$5,500,000	Repaint and Repair One MG Elevated Storage Facility
150	Paulsboro Borough	0814001-003		\$2,100,000	\$2,800,000	Water Main Replacement
170	Perth Amboy City	S340435-11		\$4,844,513	\$6,459,351	Second St. Pump Station Resiliency
193	Passaic Valley Sewerage Commission	S340689-48		\$675,308	\$900,410	Crane Procurement
201	Passaic Valley Sewerage Commission	S340689-38		\$16,125,000	\$21,500,000	Final Clarifier Concrete Rehabilitation Project
201	Passaic Valley Sewerage Commission	S340689-40		\$3,750,000	\$5,000,000	Plant wide Replacement & Relocation of Electrical Switchgear and MCCs
201	Passaic Valley Sewerage Commission	S345200-02		\$1,500,000	\$2,000,000	Asset Management Plan
209	Passaic Valley Sewerage Commission	S340689-30		\$2,775,000	\$3,700,000	Sump Pump Relocation
209	Passaic Valley Sewerage Commission	S340689-32		\$7,500,000	\$10,000,000	Newark Bay Outfall
228	Wall Township	1352003-001		\$1,350,000	\$1,800,000	Route 138 Water Main Improvements
228	Wall Township	1352003-002		\$2,775,000	\$3,700,000	Route 34 Water Main Improvements
239	Clinton Town	1005001-011		\$949,355	\$1,265,807	Glen Eagles Dr, Muirfield Ln, and Heather Hill Way WM Replacement
244	Linden Roselle Sewer Authority	S340299-09		\$1,575,000	\$2,100,000	Phase V Building Improvements
265	Jackson Township Municipal Utilities Authority	1511001-013		\$15,000,000	\$20,000,000	Six Flags Great Adventure Water Treatment Plant Replacement
271	Berkeley Township Municipal Utilities Authority	1505004-009		\$1,875,000	\$2,500,000	Installation of New Well #4 with WM to Connect to WTP
285	Hoboken City	0905001-001		\$6,375,000	\$8,500,000	Washington St. Water Main / Green Infrastructure Drainage Improv.
334	Western Monmouth Utilities Authority	S340128-06		\$9,825,000	\$13,100,000	Pine Brook Sewage Treatment Plant Improvements
345	Point Pleasant Beach Borough	S344190-02		\$2,362,500	\$3,150,000	Little Silver Lake Drainage Improv. Project
348	Evesham Municipal Utilities Authority	0313001-001		\$1,950,000	\$2,600,000	Well 13 Treatment Improvements
396	Little Egg Harbor Municipal Utilities Authority	S340579-03		\$1,779,298	\$2,900,000	Little Egg Harbor Sewer Main Replacement
425	Middlesex County Utilities Authority	S340699-14		\$8,250,000	\$11,000,000	Main Truck Sewer Rehab Phase II
461	Ocean County Utilities Authority	S340372-60		\$652,500	\$870,000	SD1821 SI-4 Interceptor Rehabilitation MH 12-2 to MH 10-6
478	Western Monmouth Utilities Authority	S340128-05		\$5,887,500	\$7,850,000	Route 79 Pump Station and Force Main Replacement
480	Old Bridge Municipal Utilities Authority	S340945-14		\$2,700,000	\$3,600,000	2015 Sewage Pump Station Upgrades
502	Evesham Municipal Utilities Authority	S340838-07		\$1,200,000	\$1,600,000	2018 Sewer System Improvements
521	Ocean Township Sewer Authority	S340750-12		\$3,375,000	\$4,500,000	Interlaken Pump Station Reconstruction
544	West Deptford Township	S340947-05		\$1,061,250	\$1,415,000	Replacement of Pump Stations 4 and 6
617	Glen Ridge Borough	S340861-04		\$1,725,000	\$2,300,000	Sanitary Sewer Rehab & Collection System Asset Management Plan
650	Bradley Beach Borough	S340472-01		\$2,025,000	\$2,700,000	Sewer Main Installation and Repairs - Phase I
825	Lakewood Township Municipal Utilities Authority	S340465-02		\$3,240,000	\$4,320,000	Gravity Sewer Line Installation
903	New Jersey Water Supply Authority	S340421-01		\$45,000,000	\$60,000,000	D&R Canal Dredging

APPENDIX A - Ranked Order

Priority List Rank	Applicant	Project No.	Potential WIFIA	Estimated Allowable DEP Loan Amount	Estimated Total Loan Amount	Project Description
984	Jackson Township Municipal Utilities Authority	1511001-012		\$8,250,000	\$11,000,000	Western Water Main Extension
986	Paulsboro Borough	S340164-01		\$2,062,500	\$2,750,000	Stormwater Management
1123	Little Egg Harbor Municipal Utilities Authority	1516001-003		\$4,143,750	\$5,525,000	Water Treatment Plant at Mathistown Road
1141	Gloucester County Improvement Authority	S342016-04		\$13,875,001	\$18,500,001	Cell 15 Construction
1152	Salem County Improvement Authority	S342022-02		\$7,399,084	\$8,500,000	Cell 10 Construction
1162	Lakewood Township Municipal Utilities Authority	S340465-03		\$1,312,500	\$1,750,000	Administration Building Addition (FKA DW)
1173	North Brunswick Township	S340888-02		\$6,000,000	\$8,000,000	Water Meter Replacement (FKA DW)
1179	Manchester Township	S340650-08		\$2,250,000	\$3,000,000	Install Automated Meters (FKA DW)
1184	Point Pleasant Beach Borough	S340479-04		\$1,447,500	\$1,930,000	Water Meter Replacement Project (FKA DW)
1185	Allentown Borough	S340567-06		\$498,704	\$664,938	Water Meter Replacement (FKA DW)
Total Projects #: 57				\$305,629,852	\$406,668,625	

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		\$ 2,196,750.00	\$ 2,929,000	BCI Water System Improvement
PL-2	Manchester Twp./Jackson MUA	Pinelands		\$ 5,394,026.25	\$ 7,192,035	Water & Sewer
PL-4	Galloway	Pinelands		\$ 2,620,080.00	\$ 3,493,440	Pinehurst Sewer Extension
PL-5	Winslow	Pinelands		\$ 1,296,705.00	\$ 1,728,940	Water & Sewer
Total Pinelands Projects: 4				\$ 11,507,561.25	\$ 15,343,415	
TOTAL NUMBER OF PROJECTS (Supplemental/Residual, CW, DW, Spring '21 Bond Pool and Pinelands) #: 222		TOTAL PROJECT COSTS (Supplemental/Residual, CW, DW, Spring '21 Bond Pool and		\$ 1,466,290,083	\$ 1,979,008,873	

Appendix B

Long-Term Financing Program Funds, by County

County	Total Loans		Per Capita*	
Atlantic	\$	146,313,846	\$	533
Bergen	\$	522,795,170	\$	578
Burlington	\$	438,956,025	\$	978
Camden	\$	740,240,401	\$	1,441
Cape May	\$	124,610,067	\$	1,281
Cumberland	\$	72,754,679	\$	464
Essex	\$	712,685,974	\$	909
Gloucester	\$	190,702,722	\$	662
Hudson	\$	592,644,165	\$	934
Hunterdon	\$	88,050,630	\$	686
Mercer	\$	347,341,824	\$	948
Middlesex	\$	759,690,751	\$	938
Monmouth	\$	442,975,081	\$	703
Morris	\$	444,947,283	\$	904
Ocean	\$	628,302,104	\$	1,090
Passaic	\$	259,631,091	\$	518
Salem	\$	54,720,632	\$	828
Somerset	\$	226,934,616	\$	702
Sussex	\$	95,679,095	\$	641
Union	\$	369,833,794	\$	689
Warren	\$	99,404,683	\$	941
Total	\$	7,359,214,633		

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APPENDIX C

Status of Open Projects

State Fiscal Year 2021 - Active Project Review			
3/10/2021 - 4/12/2021			
(Blue \$ = Engineering Estimate)			
Color	Description	Contracts	Estimated Contract Amount
Construction Ready			
Purple	Contracts Certified*	12	\$ 125,576,000
Lt. Purple	Contract Authorizations To Award	4	\$ 9,030,000
Certifications and Awards (3/10/2021 - 4/12/2021)		16	\$ 134,606,000
Under Review			
Lt. Green	Authoriz. To Advertise (3/10/2021 - 4/12/2021)	1	\$ 12,185,000
Pipeline			
Yellow	Projects/Contracts Under Active Review	382	\$2,908,777,587

Certified Projects

Color	Project Sponsor	Project Number	Project Name	Contract Number	Cert Date	Cert Amount
	Kearny Town	S340259-11	Dukes St Stormwater Pump Station	1	2021-04-08	\$13,035,000
	Moorestown Township	0322001-002	Hartford Road Water Treatment Plant Upgrade	2017-6	2021-03-10	\$14,640,000
	Newton Town	S340449-04	Memory Park Drainage Improvements	1 of 1	2021-03-17	\$91,000
	Passaic Valley Sewerage Commission	S340689-50	Improvements to the Vehicle Maintenance Building	1	2021-04-08	\$6,200,000
	Ship Bottom Borough	1528001-003	Water Treatment Plant Reconstruction	1 of 1	2021-03-17	\$9,660,000
	Stony Brook Regional Sewer Authority	S340400-11	Contract 19-2: River Road Wastewater Treatment Plant UV Disinfection and Effluent Filtration Project	1	2021-03-17	\$19,210,000
	Sussex County Municipal Utilities Authority	S342008-06	Landfill Life Stage 2 Expansion/Infrastucture Relocation Project	1	2021-03-31	\$27,475,000
	Trenton City	1111001-005	5-year Lead Service Line Replacement & Verification Project	2A (1 of 3)	2021-03-17	\$10,144,616
	Trenton City	1111001-005	5-year Lead Service Line Replacement & Verification Project	2B (2 of 3)	2021-03-17	\$10,828,315
	Trenton City	1111001-005	5-year Lead Service Line Replacement & Verification Project	2C (3 of 3)	2021-03-17	\$10,132,069
	Two Rivers Water Reclamation Authority	S340117-09	Interceptor and Pump Station Improvements	1 of 2	2021-04-08	\$2,984,210
	Two Rivers Water Reclamation Authority	S340117-09	Interceptor and Pump Station Improvements	2 of 2	2021-04-08	\$1,175,790
	TOTALS					\$125,576,000

Authorization to Award Issued

Color	Project Sponsor	Project Number	Project Name	Estimated Contract Cost	Contract Number	ATAwd Actual
	Hamburg Borough	1909001-002	Water Storage Tank Rehabilitation	\$1,100,000	1 of 1	2021-03-30
	Mendham Borough	S340159-04	WWTP Improvements	\$3,235,000	1 of 1	2021-03-30
	Woodbine Borough	0516001-001	WTP Upgrade and water main extension	\$2,347,500	1 of 4	2021-03-16
	Woodbine Borough	0516001-001	WTP Upgrade and water main extension	\$2,347,500	2 of 4	2021-03-23
	TOTALS			\$9,030,000		

Authorization to Advertise Issued

Color	Project Sponsor	Project Number	Project Name	Estimated Contract Cost	Contract Number	ATAdv Actual
	Lower Township Municipal Utilities Authority	S340810-05	LTMUA Collection System Expansion	\$12,185,000	2	2021-03-15
	TOTALS			\$12,185,000		

Contracts Under Review

Color	Project Sponsor	Project Number	Project Name	Estimated Contract Cost	Contract Number
	Allentown Borough	1302001-002	Elevated Water Tank Improvements	\$549,100	1
	Allentown Borough	1302001-004	Water Treatment Plant Improvements	\$2,328,960	1
	Asbury Park City	S340883-08	Sewer Plant	\$63,000,000	1 of 1
	Atlantic City Municipal Utilities Authority	0102001-010	Asset Management Plan - Professional Consulting Services	\$150,000	1 of 1
	Atlantic City Municipal Utilities Authority	S340439-04	Water Meter and MTU Replacement	\$1,022,222	1 of 3
	Atlantic City Municipal Utilities Authority	S340439-04	Water Meter and MTU Replacement	\$1,022,222	2 of 3
	Atlantic City Municipal Utilities Authority	S340439-04	Water Meter and MTU Replacement	\$1,022,222	3 of 3
	Atlantic County Utilities Authority	S340809-29	Replace a portion of Brigantine Force Main	\$2,330,000	1 of 1
	Atlantic County Utilities Authority	S340809-30	Ventnor-Margate Forcemain Replacement - Phase 1	\$5,050,000	1 of 2
	Atlantic County Utilities Authority	S340809-30	Ventnor-Margate Forcemain Replacement - Phase 1	\$5,050,000	2 of 2
	Atlantic County Utilities Authority	S342001-03	MSE Berm Construction	\$18,021,198	1 of 2
	Atlantic County Utilities Authority	S342001-03	MSE Berm Construction	\$18,021,198	2 of 2
	Bayonne City	0901001-006	Aqueduct Replacement	\$6,000,000	1 of 1
	Bayonne City	0901001-006	Aqueduct Replacement	\$6,000,000	E/A

APPENDIX C

Status of Open Projects

Bayonne City	S340399-31	STORMWATER MANAGEMENT FACILITIES AND FRANCIS G.	\$2,110,000	1
Beach Haven Borough	S344220-01	SFY2018 Stormwater Pump and Drainage Project		1 of 1
Belleville Township	0701001-008	Belleville Lead Service Line Replacement	\$3,568,752	1 of X
Bergen County Utilities Authority	S340386-21	FST Improvements	\$6,950,000	1 of 1
Bergen County Utilities Authority	S340386-24	Tank Header Improvements	\$1,950,000	1 of 1
Bergen County Utilities Authority	S340386-25	Northern Valley Force Main Improvements	\$3,805,000	1 of 1
Berkeley Heights Township	S340385-05	STP Upgrade	\$2,000,000	1 of 1
Berkeley Township Municipal Utilities Authority	1505004-010	Berkeley Township MUA Phase VII Water Main Installation	\$8,000,000	1
Berkeley Township Sewer Authority	S340969-14	Bayview Ave. Force Main Replacement	\$3,000,000	1 of 1
Bloomfield Township	0702001-003	Lead Service Line Replacement	\$330,000	1 of 1
Bloomfield Township	0702001-004	Interconnection Project	\$2,600,000	1
Bloomfield Township	0702001-005	Lead Service Replacement Phases		1 of 1
Borough of Wenonah	S340531-01	Sanitary Sewer Collection System Asset Management and	\$665,000	1
Borough of Wenonah	S340531-01	Sanitary Sewer Collection System Asset Management and	\$665,000	2
Brick Township Municipal Utilities Authority	1506001-008	Undersized Water Main Replacement Cedar Park East and	\$6,550,000	1 of 1
Brick Township Municipal Utilities Authority	1506001-013	Water Main Stream Crossings Replacements at Route 70 (I	\$4,188,419	1 of 1
Brick Township Municipal Utilities Authority	1506001-014	Water Main Replacement on Cartagena Drive, Alhama Driv	\$3,600,000	1 of 1
Brick Township Municipal Utilities Authority	S340448-13	Sanitary Sewer Main Replacement on Cartagena Drive, Alh	\$4,060,000	1 of 1
Brick Township Municipal Utilities Authority	S340448-14	Meter Replacement - Phase II	\$1,920,000	1 of 1
Brielle Borough	1308001-004	Brielle Drinking Water Storage Tank Project	\$2,460,000	1 of 1
Brielle Borough	1308001-005	Old Bridge Road Elevated Water Storage Tank	\$3,600,000	1 of 1
Brigantine City	0103001-501	Installation of Generators at well	\$2,900,000	1
Brigantine City	S340827-04	Emergency Generators	\$3,300,000	1 of 1
Brigantine City	S340827-05	Flood Control and Pump Station Improvements	\$4,600,000	2
Brigantine City	S340827-06	Municipal System Improvements	\$1,001,066	1
Burlington Township	S340712-17	Sanitary Sewer Rehabilitation in Various Locations	\$875,000	1 of 1
Camden City	S340366-07	2014 Sanitary/Combined Sewer Rehab / Replacement Proj	\$59,000,000	1
Camden City	S340366-12	Cooper Street Pump Station	\$2,300,000	1 of 1
Camden City	S340366-14	Rehabilitation of Combined and Storm Sewer Outfalls	\$8,538,016	1 of 2
Camden City	S340366-14	Rehabilitation of Combined and Storm Sewer Outfalls	\$831,984	2 of 2
Camden City	S340366-16	New Auto Meter Reading Equip for entire City (FKA DW)	\$900,000	1 of 2
Camden City	S340366-16	New Auto Meter Reading Equip for entire City (FKA DW)	\$900,000	2 of 2
Camden County Municipal Utilities Authority	S340640-16	Wastewater Treatment Plant Improvements	\$5,695,000	1 OF 1
Camden County Municipal Utilities Authority	S340640-16	Wastewater Treatment Plant Improvements	\$7,605,000	1 OF 1
Camden County Municipal Utilities Authority	S340640-19	Camden City Green and Grey Infrastructure Project - Phase	\$3,833,333	
Camden County Municipal Utilities Authority	S340640-19	Camden City Green and Grey Infrastructure Project - Phase	\$3,833,333	
Camden County Municipal Utilities Authority	S340640-19	Camden City Green and Grey Infrastructure Project - Phase	\$3,833,333	
Camden County Municipal Utilities Authority	S340640-22	Upgrades to Camden City's Combined Sewer Overflow Syst	\$1,259,300	1 of 2
Camden County Municipal Utilities Authority	S340640-29	Delaware #1 WPCF Piping and Treatment Upgrades	\$12,700,000	1
Camden County Municipal Utilities Authority	S340640-30	CCMUA Pump Station Electrical Upgrades	\$7,500,000	1
Camden County Municipal Utilities Authority	S345040-01	Camden City and Gloucester City Long Term CSO Control P	\$1,250,000	1
Carneys Point Sewerage Authority	S340502-08	LAFAYETTE ROAD SANITARY SEWER	\$1,057,202	1
Carteret Borough	S340939-10	Roosevelt Pump Station and Bergen Street Pump Station U	\$226,000	1&2
Chatham (MCJM) Borough	S340715-07A	Facility Improvements 2018	\$180,000	1
Clementon Borough	0411001-001	Rehab of Gibbsboro Water Main (White Horse Pike & Whit	\$500,000	1
Clementon Borough	0411001-002	Rehab of well 9 including slip lining to improve conveyance	\$1,400,000	1
Cliffside Park Borough	S340847-04	Combined Sewer Separation	\$5,300,000	1
Clinton Town	1005001-006	Lebanon Borough Water Main Replacements - Phase 2-5	\$4,300,000	1
Clinton Town	1005001-007	Replace Water Meters	\$4,277,804	1
Clinton Town	1005001-012	WQAA Implementation - Water Infrastructure Audit and U	\$3,500,000	1
Clinton Town	1005001-013	Foster Wheeler Booster Pump Station Modifications - Asse	\$1,000,000	3
Clinton Town	1005001-013	Foster Wheeler Booster Pump Station Modifications - Asse	\$1,000,000	1 of 2
Clinton Town	1005001-013	Foster Wheeler Booster Pump Station Modifications - Asse	\$1,000,000	2 of 2
Cumberland County	S340438-03	Downe Township Fortescue Package Plant	\$17,000,000	1 of 1
Cumberland County Improvement Authority	S342015-04	Side Slope Restoration and Storm Water Management	\$5,919,704	1 of 1
Delanco Sewerage Authority	S340956-03	Collection System Improvement Project	\$1,500,000	1 of 1
Delran Township	S340794-11	Service Water System Upgrades and Aeration Blower Repla	\$2,100,000	1
Deptford Township Municipal Utilities Authority	0802001-002	Water Main Replacement at East Woodbury	\$1,550,000	1
Deptford Township Municipal Utilities Authority	0802001-003	Water Main Replacement at Country Club Estates	\$1,200,000	1
Deptford Township Municipal Utilities Authority	S340066-03	Sanitary Sewer Rehabilitation at Country Club Estates	\$1,000,000	1
Deptford Township Municipal Utilities Authority	S340066-04	Sanitary Sewer Rehabilitation at East Woodbury	\$700,000	1
Dunellen Borough	S340916-03	Borough of Dunellen Flood Mitigation Project	\$2,599,998	1
East Greenwich Township	0803001-004	Installation of filtration system for PFC removal at #3 Well		1 of 1
East Orange (JMEUC) City	S340686-08a	Flood Mitigation Facilities Project	\$105,593	1
East Orange (JMEUC) City	S340686-09A	Capital Improvements Projects 2019	\$70,000	1
East Orange City	0705001-014	Water System Improvement and Resiliency Project 2017	\$14,795,000	3
East Orange City	S340843-02	Water Meter Replacement Project 2017	\$6,840,000	1 of 1
East Orange City	S340843-03	The Crossings at Brick Church	\$9,675,000	1 of 1
East Orange City	S340843-03	The Crossings at Brick Church	\$2,325,000	P&D
East Windsor Municipal Utilities Authority	1101002-005	Twin Rivers (H section) Water Main Replacement Project	\$2,000,000	1 of 1
Egg Harbor Township Municipal Utilities Authority	S340753-06	FAA Pump Station Reconstruction	\$1,250,000	1of1
Elizabeth (JMEUC) City	S340686-08b	Flood Mitigation Facilities Project	\$1,263,932	1
Elizabeth (JMEUC) City	S340686-09B	Capital Improvements Projects 2019	\$835,000	1
Elizabeth City	S340942-13	Western Interceptor Modifications	\$13,146,000	1 of 1
Elizabeth City	S340942-20	South Second Street Drainage and Atlantic Street CSO Tank	\$5,150,000	1 of 2
Elizabeth City	S340942-20	South Second Street Drainage and Atlantic Street CSO Tank	\$5,150,000	2 of 2
Elizabeth City	S340942-21	Lincoln Avenue Drainage Improvements Project	\$3,000,000	1 of 1
Elizabeth City	S345070-01	City of Elizabeth CSO LTCP	\$975,000	2
Elizabeth City	S345070-01	City of Elizabeth CSO LTCP	\$405,000	3
Elizabeth City	S345070-01	City of Elizabeth CSO LTCP	\$345,000	4
Elizabeth City	S345070-01	City of Elizabeth CSO LTCP	\$200,000	5
Elizabeth City	S345070-01	City of Elizabeth CSO LTCP	\$940,000	1 of 1
Emerson Borough	S340497-01	Small System Asset Management Plan	\$100,000	1 of 1
Evesham Municipal Utilities Authority	S340838-09	Elmwood WWTP Resiliency Improvements	\$498,000	1
Farmingdale Borough	1314001-002	Painting and repairs to water tower and other misc system	\$907,000	1
Fieldsboro Borough	S340522-01	Sewer @ Stormwater Asset Management plan	\$115,000	1
Flemington Borough	1009001-009	Additional Water Tank and Improvements	\$4,500,000	1

APPENDIX C

Status of Open Projects

Franklin Township Sewerage Authority	S340839-06-1	Supplemental Loan- Rodney Ave Pump Station	\$1,000,000	1
Franklin Township Sewerage Authority	S340839-09	Marcy Street Sanitary Sewer Rehab	\$7,500,000	1
Freehold Borough	1315001-002	Water Plant Development	\$6,440,000	1
Glen Ridge Borough	0708001-008	GR-2017-LSL-R/FH-RR Lead Service Water-Line Replacement	\$0	AMP
Glen Ridge Borough	S340861-03	GR-Procurement-Sewer Cleaning Truck	\$445,849	1
Glen Ridge Borough	S340861-04	GR-2017-SSR Sanitary Sewer Rehabilitation & Sanitary Sewer	\$245,000	AMP
Glen Ridge Borough	S340861-04	GR-2017-SSR Sanitary Sewer Rehabilitation & Sanitary Sewer		P&D
Gloucester City	S345090-01	City of Gloucester CSO Asset Management Plan	\$1,000,000	1 of 1
Gloucester County Improvement Authority	S342016-04	Cell 15 Construction	\$140,000	P&D
Gloucester County Utilities Authority	S340902-15	Combined Heat & Power	\$3,375,000	2 of 4
Gloucester County Utilities Authority	S340902-15	Combined Heat & Power	\$3,375,000	4 of 4
Gloucester County Utilities Authority	S340902-17	Sludge Drying System	\$10,000,000	1 of 1
Hackensack City	S340923-13	The Long Term Control Plan and CSO Sewer Separation Effluent	\$4,900,000	1
Hackensack City	S340923-13	The Long Term Control Plan and CSO Sewer Separation Effluent	\$4,900,000	2
Hackensack City	S340923-13	The Long Term Control Plan and CSO Sewer Separation Effluent	\$4,900,000	3
Hackensack City	S340923-15	Stormwater Infrastructure Improvements 2020	\$800,000	1
Hackensack City	S340923-15	Stormwater Infrastructure Improvements 2020	\$800,000	2
Hamburg Borough	1909001-001	Small System Asset Management	\$85,000	1 of 1
Hamburg Borough	1909001-002	Water Storage Tank Rehabilitation	\$1,100,000	1 of 1
Hamburg Borough	S340149-03	Sanitary Sewer System Asset Management Plan		1 of 1
Hamilton Township Municipal Utilities Authority	S340903-06	2019 Wastewater Facility Upgrades and Renovations	\$2,500,000	1 of 1
Hampton Borough	1013001-001	New back up well 5 to address firm capacity requirements	\$1,800,000	1
Hardyston Municipal Utility Authority	1911006-001	Water Meter Replacement	\$477,400	1
Hardyston Municipal Utility Authority	1911006-003	Asset Management Plan	\$100,000	1 of 1
Harvey Cedars Borough	1509001-002	Installation of a Water Monitoring Well	\$550,000	
Harvey Cedars Borough	1509001-002	Installation of a Water Monitoring Well	\$550,000	1 of 1
Hightstown Borough	1104001-010	2017 Water Main Improvements	\$887,839	1
Hightstown Borough	1104001-010	2017 Water Main Improvements	\$887,839	2
Hillside (JMEUC) Township	S340686-09C	Capital Improvements Projects 2019	\$110,000	1
Hillside (JMEUC) Township	S340686-10	North Avenue Pumping Station	\$650,000	1 of 2
Hillside (JMEUC) Township	S340686-10	North Avenue Pumping Station	\$650,000	2 of 2
Hoboken City	S340635-08	Southwest Resiliency Park - Acquisition, Rehabilitation	\$3,300,000	
Hoboken City	S340635-08	Southwest Resiliency Park - Acquisition, Rehabilitation	\$3,300,000	
Hopatcong Borough	1912001-001	Hudson Avenue Water Main Installation	\$1,000,000	1 of 1
Hudson County Improvement Authority	S340094-02	Koppers Peninsula Infrastructure, Hudson County	\$51,000,000	1
Irvington (JMEUC) Township	S340686-08d	Flood Mitigation Facilities Project	\$428,770	1
Irvington (JMEUC) Township	S340686-09D	Capital Improvements Projects 2019	\$285,000	1
Jersey City	S340928-30	Street Cleaning for Clean Water	\$2,711,000	1 of 1
Jersey City Municipal Utilities Authority	0906001-006	Transmission Main Install	\$19,000,000	1 of 1
Jersey City Municipal Utilities Authority	0906001-012	Water Main Replacement	\$18,000,000	1 of 1
Jersey City Municipal Utilities Authority	0906001-016	Large Valve Replacement Program- Phase 2	\$7,321,200	1 of 1
Jersey City Municipal Utilities Authority	0906001-018	Tonnele Avenue Water Main Replacement and Relining	\$7,442,800	1 of 1
Jersey City Municipal Utilities Authority	0906001-020	Phase 3 and 4 Water Main Replacement Project	\$6,620,000	1
Jersey City Municipal Utilities Authority	0906001-021	Phase 5 Water Mains	\$11,000,000	1
Jersey City Municipal Utilities Authority	0906001-023	Phase 5A Water Project	\$9,300,000	1
Jersey City Municipal Utilities Authority	0906001-024	Phase 2A Water	\$11,640,000	1
Jersey City Municipal Utilities Authority	0906001-028	Dam Security Improvements	\$1,700,000	1 of 1
Jersey City Municipal Utilities Authority	S340928-16	Sixth Street Combined Sewer Outfall	\$9,500,000	1
Jersey City Municipal Utilities Authority	S340928-18	Claremont Carteret outfall rep	\$5,600,000	1
Jersey City Municipal Utilities Authority	S340928-23	3 Pump Stations Flood Hardening Improvements	\$369,200	4
Jersey City Municipal Utilities Authority	S340928-23	3 Pump Stations Flood Hardening Improvements	\$369,200	
Jersey City Municipal Utilities Authority	S340928-23	3 Pump Stations Flood Hardening Improvements	\$369,200	
Jersey City Municipal Utilities Authority	S340928-23	3 Pump Stations Flood Hardening Improvements	\$369,200	
Jersey City Municipal Utilities Authority	S340928-27	Green Infrastructure- Martin Luther King Drive Tree Trench	\$500,000	1 of 2
Jersey City Municipal Utilities Authority	S340928-32	Remote Water Meter Reading (AMI) (FKA DW)	\$12,245,000	1
Jersey City Municipal Utilities Authority	S340928-33	Pine Street Syphon Replacement	\$899,666	1
Jersey City Municipal Utilities Authority	S340928-36	Phase 5-B Sewer	\$10,800,000	1 of 1
Jersey City Municipal Utilities Authority	S340928-37	Sewer Improvements 2a	\$50,202,482	1 of 1
Jersey City Municipal Utilities Authority	S340928-38	Sewer Improvements Phase 5a	\$35,273,043	1
Jersey City Municipal Utilities Authority	S340928-40	Eastside and Westside Pump Station Mechanical Screens	\$3,600,000	1 of 1
Jersey City Municipal Utilities Authority	S340928-41	Van Winkle Combined Sewer Outfall	\$4,500,000	1
Joint Meeting of Essex & Union Counties	S340686-08	Flood Mitigation Facilities Project	\$3,725,000	1
Joint Meeting of Essex & Union Counties	S340686-08	Flood Mitigation Facilities Project	\$97,506,765	1 of 1
Kearny Municipal Utilities Authority	S340259-14	Kearny Point Pumping Station Grit Collector Replacement Phase I	\$791,000	1 of 2
Kearny Municipal Utilities Authority	S340259-14	Kearny Point Pumping Station Grit Collector Replacement Phase I	\$791,000	2 of 2
Kearny Town	S340259-11	Dukes St Stormwater Pump Station	\$13,035,000	1
Lakehurst Borough	1513001-002	Water Main Replacement Project Phase I	\$1,200,000	1
Linden Roselle Sewerage Authority	S340299-08	2019 Capital Improvement Projects	\$17,000,000	1 of 5
Little Egg Harbor Municipal Utilities Authority	1516001-005	Little Egg Harbor Water Improvements Phases I	\$80,000	2
Long Beach Township	1517001-015	Water Main Replacement Project	\$4,159,201	1
Long Beach Township	S340023-09	2020 North Beach Sewer Main Replacement	\$6,500,000	1 of 1
Long Branch Sewerage Authority	S340336-08	2018 Capital Improvements Projects - Wastewater Treatment Plant	\$1,630,700	1
Long Branch Sewerage Authority	S340336-08	2018 Capital Improvements Projects - Wastewater Treatment Plant		3
Long Hill Township	S340404-10	Capacity Assurance and System Rehabilitation Project	\$3,750,000	1
Long Hill Township	S340404-10	Capacity Assurance and System Rehabilitation Project	\$3,750,000	2
Lower Township Municipal Utilities Authority	0505002-004	Del Haven Water Main Expansion / Wildwood Water Utility	\$10,260,000	1 of 1
Lower Township Municipal Utilities Authority	S340810-05	LTMUA Collection System Expansion	\$4,915,000	1
Lower Township Municipal Utilities Authority	S340810-05	LTMUA Collection System Expansion	\$12,185,000	2
Madison (MCJM) Borough	S340715-07B	Facility Improvements 2018	\$310,000	1
Manasquan Borough	S340450-02	Stockton Lake Bulkhead and Stormwater Management Project	\$4,505,800	1 of 1
Manasquan River Regional Sewerage Authority	S340911-03	MRRSA Vehicle Fleet and Equipment Replacement	\$660,000	1 of 1
Maplewood (JMEUC) Township	S340686-08e	Flood Mitigation Project	\$164,835	1
Marlboro Township	1328002-003	Beacon Hill storage tank Rehab	\$1,714,000	1 of 1
Marlboro Township	1328002-004	New Stand-by Well 5A (Tennent Rd Treatment Plant & Borehole)	\$1,385,000	1 of 1
Mendham Borough	S340159-03	Collection System Improvements	\$465,000	P&D
Mendham Borough	S340159-04	WWTP Improvements	\$3,235,000	1 of 1
Mendham Borough	S340159-04	WWTP Improvements	\$265,000	P&D

APPENDIX C

Status of Open Projects

Metuchen Borough	S340360-02	Sewage Pump Station Replacement	\$5,260,000	1 of 1
Middlesex Borough	S340698-03	Middlesex Borough Rehabilitation of Sanitary Sewers Phase	\$1,000,000	1
Middlesex County Utilities Authority	S340699-16	Main Trunk Sewer Rehabilitation Phase III	\$9,050,000	1
Middlesex County Utilities Authority	S340699-16	Main Trunk Sewer Rehabilitation Phase III	\$9,050,000	2
Middlesex Water Company	1225001-027	RENEW 2019 - Carteret	\$11,200,000	1
Middlesex Water Company	1225001-029	CIO Plant Upgrade - DBP Removal Treatment	\$67,071,216	1
Middlesex Water Company	1225001-029	CIO Plant Upgrade - DBP Removal Treatment	\$4,463,784	2
Millburn Township	S340686-08f	Flood Mitigation Project (JMEUC)	\$145,667	1
Milltown Borough	1212001-002	Ford Ave Redevelopment	\$1,606,000	1
Milltown Borough	S340102-01	Milltown Ford Ave Redevelopment	\$21,000,000	1
Milltown Borough	S340102-04	Ford Ave Redevelopment	\$5,500,000	1
Monroe Municipal Utilities Authority	0811002-001	Tank Painting	\$2,300,000	1
Montgomery Township	S340130-03	Stage II Wastewater Treatment Plant Flood Protection Proj		1 of 1
Montville Township	S340931-04	Old Lane Sewer Project	\$2,800,000	1 of 1
Moorestown Township	0322001-002	Hartford Road Water Treatment Plant Upgrade	\$14,640,000	1
Mount Arlington Borough	1426005-001	Mount Arlington Asset Management Plan	\$250,285	1 of 1
Mount Arlington Borough	S340451-05	Wastewater System Asset Management Plan	\$212,785	1 of 1
Mount Laurel Township Municipal Utiliti	S340943-07	Sewer System Improvement Project (Bundle 2)	\$1,100,000	1
National Park Borough	0812001-005	Addition of PFOS Treatment at Existing Water Plant	\$1,526,500	1
Netcong Borough	1428001-001	Water System Assment Management Plan		AMP
Netcong Borough	S340538-01	Sewer System Asset Management Plan	\$96,000	AMP
New Brunswick City	1214001-005	Water Treatment Plant Improvements	\$15,500,000	1 of 1
New Jersey Water Supply Authority	S340421-01	D&R Canal Dredging	\$8,245,000	1
Newark (JMEUC) City	S340686-08g	Flood Mitigation Facilities Project	\$250,232	1
Newark (JMEUC) City	S340686-09E	Capital Improvements Projects 2019	\$165,000	1
Newark City	0714001-017	Water Distribution System Upgrades	\$2,000,000	1
Newark City	0714001-021	Phase 3-10 Lead Service Line Replacement (LSLR) Project		9
Newark City	0714001-021	Phase 3-10 Lead Service Line Replacement (LSLR) Project		10
Newark City	0714001-021	Phase 3-10 Lead Service Line Replacement (LSLR) Project		11
Newark City	0714001-022	PROCESS AND OPERATIONAL UPGRADES AT THE PEQUANN	\$23,000,000	1 of 1
Newark City	0714001-022	PROCESS AND OPERATIONAL UPGRADES AT THE PEQUANN		AMP
Newark City	0714001-022	PROCESS AND OPERATIONAL UPGRADES AT THE PEQUANN		P&D
Newark City	S340815-24	Structural eval & rehab of 350 miles of small diameter sew	\$21,000,000	2(A)
Newark City	S340815-25	Green Infrastructure for the Sewer System	\$475,000	1
Newark City	S340815-26	Improvements to the Peddie CSO	\$1,650,000	
Newark City	S340815-26	Improvements to the Peddie CSO	\$1,650,000	1
Newark City	S340815-27	Greenstreet Projects for the City of Newark	\$3,800,000	1 of 1
Newton Town	S340449-04	Memory Park Drainage Improvements	\$91,000	1 of 1
NJ American Water Company, Incorpor	1345001-017	Oak Street Treatment Plant Improvements	\$8,168,463	1 of 1
NJ American Water Company, Incorpor	2004002-012	NJ American Water Lead Service Line Replacement Prograr	\$20,000,000	1 of 1
North Brunswick Township	S340888-03	Sanitary Sewer Improvement Project	\$2,400,000	1
North Haledon Borough	S340229-02	Small System Asset Management Plan	\$100,000	1 of 1
North Hudson Sewer Authority	S340952-31	Green Infrastructure	\$80,000	2
North Hudson Sewer Authority	S340952-31	Green Infrastructure	\$233,675	2
North Hudson Sewer Authority	S340952-38	W1234 Outfall Emergency Repair	\$1,351,200	1 of 1
North Hudson Sewer Authority	S340952-39	Boulevard East Combined Sewer Improvements		1 of 1
North Hudson Sewer Authority	S345190-01	Combined Sewer Long Term Control Plan	\$3,380,000	1 of 1
North Jersey District Water Supply Com	1613001-026	Low Lift Gas Pump	\$12,900,000	1
North Jersey District Water Supply Com	1613001-031	Purchase and Install New Dewatering System	\$3,800,000	1
North Jersey District Water Supply Com	1613001-032	Rehabilitation of Treatment Facility	\$3,600,000	1
North Jersey District Water Supply Com	1613001-034	Security, IT and Safety Projects	\$1,600,000	1
Northwest Bergen County Utilities Auth	S340700-15	Wastewater Pump Station Improvements	\$6,630,000	1 of 1
Northwest Bergen County Utilities Auth	S340700-18	Interceptor System Rehabilitation and Purchase of Equipm	\$455,000	2
Northwest Bergen County Utilities Auth	S340700-18	Interceptor System Rehabilitation and Purchase of Equipm	\$455,000	3
Northwest Bergen County Utilities Auth	S340700-19	Interceptor System rehabilitation	\$7,207,450	2
Oak Ridge Senior Housing Community	1414008-001	Oakridge Senior Community Water Lines	\$530,300	1 of 1
Oakland Borough	0220001-001	Construct new Well 10A as backup for Well 10	\$3,133,000	1
Oakland Borough	0220001-002	Replace 4600 Water Meters	\$3,133,000	1
Oakland Borough	0220001-003	Well 9 - Diesel Generator	\$3,133,000	1
Oakland Borough	0220001-004	Iroquois Pumping Station - Rehabilitation	\$3,133,000	1
Ocean County	S344080-09	Barneget Bay Storm Water - Manufactured Treatment Dev	\$1,300,000	1 of 1
Ocean County	S344080-10	Camera Pipe Line Inspection Truck System - Equipment	\$250,000	1 of 1
Ocean County	S344080-11	Mechanical Street Sweeper - Equipment	\$350,000	1 of 1
Ocean County Utilities Authority	S340372-63	ND1811 NWPCF Solids Handling Facility Roof Replacement	\$2,185,000	1of1
Ocean County Utilities Authority	S340372-64	CD1008 CWPCF Process Improvements	\$37,774,000	1 of 1
Ocean County Utilities Authority	S340372-65	CD1713 CWPCF Thickened Sludge Storage and Blend Tank	\$4,200,000	1 of 1
Ocean Gate Borough	1521001-003	Well Water Construction/Drilling a new well	\$720,000	1 of 1
Ocean Gate Borough	S344180-01	Storm Sewer MTD	\$2,600,000	1
Ocean Township Sewer Authority	S340750-12	Interlaken Pump Station reconstruction	\$15,000	2 of 2
Old Bridge Municipal Utilities Authority	1209002-005	Laurence Harbor Water System Upgrade, Phase 1	\$2,500,000	1 of 1
Old Bridge Municipal Utilities Authority	1209002-014	Perrine Road Carbon Absorber Facility	\$1,750,000	1
Orange City	0717001-013	Orange Twp Well 5 Rehabilitation Project	\$700,000	1 of 1
Orange City	0717001-014	Orange Twp Relocation of the existing transmission main	\$2,000,000	1 of 1
Orange City	S340859-04	S-4 (10888779.1) WATER METER REPLACEMENT	\$5,100,000	1
Parsippany Troy Hills Township	S340886-05	Pump Station No. 4Sanitary Sewer Redirection Project	\$11,733,500	1 of 1
Passaic Valley Sewerage Commission	S340689-23	Standby Power Generating Facility	\$4,735,000	1 of 4
Passaic Valley Sewerage Commission	S340689-23	Standby Power Generating Facility	\$7,328,000	2 of 4
Passaic Valley Sewerage Commission	S340689-23	Standby Power Generating Facility	\$68,617,000	3 of 4
Passaic Valley Sewerage Commission	S340689-23	Standby Power Generating Facility	\$102,820,000	4 of 4
Passaic Valley Sewerage Commission	S340689-30	Sump Pump Relocation	\$1,580,000	1
Passaic Valley Sewerage Commission	S340689-33	Weatherproof tunnel locations incl HVAC for ventilation	\$107,000,000	1
Passaic Valley Sewerage Commission	S340689-44	Wallington Pump Station Rehabilitation Project	\$16,100,000	1
Passaic Valley Sewerage Commission	S340689-46	Decant Facility Improvements Project	\$68,430,000	1
Passaic Valley Sewerage Commission	S340689-47	Headworks Reconstruction Project	\$94,965,434	1 of 1
Passaic Valley Sewerage Commission	S340689-49	PVSC Perimeter Flood Wall, Storm Water Collection Sys. &	\$278,440,000	1 of 1
Passaic Valley Sewerage Commission	S340689-50	Improvements to the Vehicle Maintenance Building	\$6,200,000	1
Passaic Valley Sewerage Commission	S340689-52	Advanced Electrical Project	\$66,477,527	1

APPENDIX C

Status of Open Projects

	Passaic Valley Sewerage Commission	S340689-53	Plantwide SCADA Improvements	\$16,843,200	1
	Passaic Valley Sewerage Commission	S340689-54	5th Thickening Centrifuge Project	\$5,645,000	1
	Passaic Valley Sewerage Commission	S340689-54	5th Thickening Centrifuge Project	\$9,878,844	2
	Passaic Valley Sewerage Commission	S345200-01	Combined Sewer Overflow Long Term Control Planning	\$1,270,000	1
	Passaic Valley Sewerage Commission	S345200-01	Combined Sewer Overflow Long Term Control Planning	\$7,547,516	LTCP
	Passaic Valley Sewerage Commission	S345200-02	Asset Management Plan	\$643,446	1 of 1
	Passaic Valley Water Commission	0231001-002	Lead Service Line Replacement in Lodi System	\$7,400,000	1
	Passaic Valley Water Commission	0239001-002	Lead Service Line Replacement in North Arlington System	\$10,500,000	1
	Passaic Valley Water Commission	1605002-002	Lead Service Line Replacement in Main System	\$26,500,000	1
	Passaic Valley Water Commission	1605002-014	Levine Reservoir Water Storage Improvements - Phase 1	\$13,050,000	
	Passaic Valley Water Commission	1605002-014	Levine Reservoir Water Storage Improvements - Phase 1	\$13,050,000	1 of 1
	Pennsville Sewerage Authority	S340870-04	Pumping Station No. 3 Force Main Replacement	\$735,000	1 of 1
	Perth Amboy City	1216001-010	The Painting of the Backwash Tank and Stand Pipe Project		1
	Perth Amboy City	1216001-500	Install New Stand-by Generator for Runyon Water Treat. Pl	\$2,750,000	1
	Perth Amboy City	S340435-14	CSO Separation (Pulaski Ave / Parker St / State St)	\$2,000,000	1
	Perth Amboy City	S340435-19	The Purchasing of a CCTV Video Pipeline Inspection System	\$400,000	1
	Perth Amboy City	S345220-01	CSO Permit Development of Long Term Control Plan	\$670,000	1 of 1
	Plainfield Municipal Utilities Authority	S340240-06	Transfer Station Improvement	\$11,675,000	1 of 1
	Princeton	S340656-08	System-wide Sanitary Sewer Rehabilitation	\$4,300,000	1
	Princeton	S340656-11	Improvements to Linden Lane and Spruce Street	\$1,875,000	1 of 1
	Princeton	S340656-12	Improvements to Bank Street	\$1,871,601	1 of 1
	Red Bank Borough	S340528-01	White Street Water & Sewer Improvements	\$1,070,000	1
	Red Bank Borough	S340528-01	White Street Water & Sewer Improvements	\$430,000	1 of 1
	Ridgefield Park Village	S345230-01	Planning for Long Term Control Plan CSO	\$800,002	
	Riverside Sewerage Authority	S340490-01	Riverside Sewerage Authority Primary Digester Mixing Syst	\$449,343	1 of 1
	Rockaway Valley Regional Sewer Autho	S340821-08	Upgrades for compliance with effluent limitation for phosph	\$12,915,000	1 of 1
	Roosevelt Borough	1341001-007	Homestead, Cedar and Elm Water Mains Project.	\$600,000	1
	Roselle Borough	S340332-02	Cleaning & lining of sanitary sewer	\$3,800,000	1
	Roselle Park (JMEUC) Borough	S340686-08h	Flood Mitigation Project (JMEUC)	\$71,257	1
	Runnemede Borough	S340363-06	Sanitary Sewer slip-lining at various locations	\$1,800,000	1 of 1
	Rutgers, The State University of New Je	S340500-01	Busch Cogeneration Plant Upgrade	\$370,000	P&D
	Salem City	1712001-004	Salem City Water Meter	\$1,900,000	1
	Salem County Improvement Authority	S342022-02	Cell 10 Construction	\$310,000	P&D
	Salem County Improvement Authority	S342022-02	Cell 10 Construction	\$6,890,000	1
	Scotch Plains Township	S340512-01	Sewer Pump Station Upgrades	\$2,310,000	1
	Seaside Park Borough	1527001-004	Well 10 Treatment Facility	\$977,874	1 of 1
	Ship Bottom Borough	1528001-003	Water Treatment Plant Reconstruction	\$9,660,000	1 of 1
	Ship Bottom Borough	1528001-004	Water Main Replacement Project	\$4,100,000	1 of 1
	Ship Bottom Borough	S340311-05	Sewer Main Replacement Project	\$5,000,000	1 of 1
	Somerville Borough	S340551-01	Somerville Sanitary Sewers Project 19-001	\$3,700,000	1 of 1
	South Monmouth Regional Sewer Auth	S340377-06	Pump Station Upgrades - Brielle and Glimmer Glass	\$1,700,000	1 of 1
	South Orange Village	0719001-001	Well 17 Rehabilitation	\$250,000	1 of 1
	South Orange Village	0719001-004	Farrell Field (Walton Ave & Audley St.) Interconnection Ref	\$150,000	1 of 1
	South Orange Village	0719001-009	Scotland Road Water Mains	\$4,100,000	1
	South Orange Village (JMEUC) Townshi	S340686-08i	Flood Mitigation Facilities Project	\$111,408	1
	South Orange Village (JMEUC) Townshi	S340686-09F	Capital Improvements Projects 2019	\$75,000	1
	South River Borough	1223001-003	Rehabilitation of Borough Wells	\$1,300,000	1
	Stafford Township	S344100-03	Neptune Basin Expansion	\$4,083,056	1
	Stony Brook Regional Sewer Authority	S340400-11	Contract 19-2: River Road Wastewater Treatment Plant UV	\$19,210,000	1
	Summit (JMEUC) City	S340686-08j	Flood Mitigation Project (JMEUC)	\$217,237	1
	Summit (JMEUC) City	S340686-09G	Capital Improvements Projects 2019	\$145,000	1
	Sussex County Municipal Utilities Auth	S342008-06	Landfill Life Stage 2 Expansion/Infrastructure Relocation P	\$27,475,000	1
	Trenton City	1111001-005	5-year Lead Service Line Replacement & Verification Projec	\$10,144,616	2A (1 of 3)
	Trenton City	1111001-005	5-year Lead Service Line Replacement & Verification Projec	\$10,828,315	2B (2 of 3)
	Trenton City	1111001-005	5-year Lead Service Line Replacement & Verification Projec	\$10,132,069	2C (3 of 3)
	Trenton City	1111001-005	5-year Lead Service Line Replacement & Verification Projec	\$69,298,333	3A (1 of 3)
	Trenton City	1111001-005	5-year Lead Service Line Replacement & Verification Projec	\$69,298,333	3B (2 of 3)
	Trenton City	1111001-005	5-year Lead Service Line Replacement & Verification Projec	\$69,298,333	3C (3 of 3)
	Trenton City	1111001-011	Lead Service line replacement	\$9,934,000	2 of 2
	Tuckerton Borough	1532002-007	Curlew Rd. and Kingfisher Rd. Water Main Replacement an	\$1,700,000	1
	Tuckerton Borough	S340034-05	Curlew Rd., Kingfisher Rd. and Bass Rd. Sanitary Sewer Syst	\$3,300,000	1
	Two Rivers Water Reclamation Authori	S340117-09	Interceptor and Pump Station Improvements	\$2,984,210	1 of 2
	Two Rivers Water Reclamation Authori	S340117-09	Interceptor and Pump Station Improvements	\$1,175,790	2 of 2
	Two Rivers Water Reclamation Authori	S340117-10	New Main Pump Station	\$72,045,000	2 of 2
	Union (JMEUC) Township	S340686-08k	Flood Mitigation Facilities Project	\$466,909	1
	Union (JMEUC) Township	S340686-09H	Capital Improvements Projects 2019	\$310,000	1
	University Hospital	S340500-03	Univeristy Hospital Co Generation Plant	\$385,000	1 of 1
	Upper Deerfield Township	0613004-002	Seabrook Water Tower Replacement (Upper Deerfield)	\$2,000,000	1
	Vernon Township	S340745-03	Asset Management Plan	\$100,000	1 of 1
	Vineland City	0614003-016	Well 17 Treatment Facility	\$3,000,000	1 of 3
	Vineland City	0614003-016	Well 17 Treatment Facility	\$3,000,000	2 of 3
	Vineland City	0614003-016	Well 17 Treatment Facility	\$3,000,000	3 of 3
	Vineland City	0614003-017	2016 Water Distribution Rehabilitation Project	\$1,550,000	1 of 1
	Vineland City	0614003-017	2016 Water Distribution Rehabilitation Project	\$1,550,000	1 of 1
	Waldwick Borough	0264001-003	Water Treatment Systems	\$3,550,000	1
	West Deptford Township	0820001-004	Jessup Road Water Storage Tank Repair and Repainting	\$3,300,000	1
	West Deptford Township	S340947-06	Water Meter Replacement Project (FKA DW)	\$3,800,000	
	West Orange (JMEUC) Township	S340686-08l	Flood Mitigation Facilities Project	\$296,027	1
	West Orange (JMEUC) Township	S340686-09l	Capital Improvements Projects 2019	\$200,000	1
	West Wildwood Borough	S340626-05	Storm Sewer Improvements to Avenues P, Q, R, S & Muelle	\$472,500	
	West Wildwood Borough	S340626-05	Storm Sewer Improvements to Avenues P, Q, R, S & Muelle	\$472,500	
	West Wildwood Borough	S340626-05	Storm Sewer Improvements to Avenues P, Q, R, S & Muelle	\$472,500	
	West Wildwood Borough	S340626-05	Storm Sewer Improvements to Avenues P, Q, R, S & Muelle	\$472,500	
	Western Monmouth Utilities Authority	S340128-05	Route 79 Pump Station and Force Main Replacement	\$7,830,000	1 of 1
	Western Monmouth Utilities Authority	S340128-08	Hawkins Road and Millponds Forcemain Replacement	\$8,000,000	1
	Wildwood City	S340664-06	2019 Capital Improvements	\$15,003,010	2 of 2
	Willingboro Municipal Utilities Authorit	0338001-011	Well 6 Water Treatment Plant Upgrade	\$11,676,960	4

APPENDIX C

Status of Open Projects

	Willingboro Municipal Utilities Authorit	0338001-011	Well 6 Water Treatment Plant Upgrade	\$0	
	Willingboro Municipal Utilities Authorit	0338001-011	Well 6 Water Treatment Plant Upgrade	\$0	
	Willingboro Municipal Utilities Authorit	0338001-011	Well 6 Water Treatment Plant Upgrade	\$0	
	Willingboro Municipal Utilities Authorit	S340132-08	Collection System Resiliency	\$950,000	1 of 2
	Willingboro Municipal Utilities Authorit	S340132-08	Collection System Resiliency	\$950,000	2 of 2
	Willingboro Municipal Utilities Authorit	S340132-09	Water Pollution Control Plant-Installation of Screening and	\$6,780,000	1 of 1
	Willingboro Municipal Utilities Authorit	S340132-10	Energy Savings Improvement Program	\$3,540,000	1
	Winslow Township	0436007-010	Well #2 Filter Plant Upgrade	\$3,100,000	1
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	\$76,151	1
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	\$331,806	2
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	\$326,350	3
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	\$74,017	4
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	\$130,885	5
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	\$159,327	6
	Winslow Township	S340895-10	Various Sanitary Sewer System Rehab	\$101,464	7
	Woodbine Borough	0516001-001	WTP Upgrade and water main extension	\$2,347,500	1 of 4
	Woodbine Borough	0516001-001	WTP Upgrade and water main extension	\$2,347,500	2 of 4
	Woodbine Borough	0516001-001	WTP Upgrade and water main extension	\$101,000	3 of 4
	Woodbine Borough	0516001-001	WTP Upgrade and water main extension	\$204,000	4 of 4
	Woodbridge Township	S340433-11	Control of Odors and Corrosion in the Port Reading Interce	\$15,300,000	1
	TOTALS			\$2,908,777,587	

Projects That Moved Into Active Review

Color	Project Sponsor	Project Number	Project Name	Project Priority List Cost	LOI Date
	Roosevelt Borough	1314001-003	Improvements to Farm Lane and School Lane	\$774,000	2021-03-26
	Little Egg Harbor Municipal Utilities Aut	1516001-007	Little Egg Harbor Water Improvements Phase II	\$2,107,000	2021-03-24
	Little Egg Harbor Municipal Utilities Aut	S340579-05	Little Egg Harbor Sewer Main Replacement Phase II	\$4,200,000	2021-03-24
	North Hudson Sewer Authority	S340952-39	Boulevard East Combined Sewer Improvements	\$12,680,000	2021-03-29
	Point Pleasant Beach Borough	1525001-002	Ocean Avenue Water Main Replacement	\$2,800,000	2021-03-30
	TOTALS			\$22,561,000	

APPENDIX D

New Jersey Infrastructure Bank - Series 2022A-1 - Pro Forma

**** PRELIMINARY, SUBJECT TO CHANGE ****

Borrower			Bond	I-Bank Loan		Net I-Bank Loan	DEP Fund Loan		Annual Debt
Payment Date	Principal	Coupon	Interest	Debt Service	I-Bank Fee	Payment	Debt Service	DEP Fee	Service and Fees
6/10/2022									
8/1/2022			7,255,991	7,255,991	1,484,257	8,740,248	25,908,776	19,790,089	54,439,113
2/1/2023			16,124,425	16,124,425	1,484,257	17,608,682	12,954,388		
8/1/2023	22,365,000	5.000%	16,124,425	38,489,425	1,484,257	39,973,682	25,908,776		96,445,527
2/1/2024			15,565,300	15,565,300	1,484,257	17,049,557	12,954,388		
8/1/2024	23,510,000	5.000%	15,565,300	39,075,300	1,484,257	40,559,557	25,908,776		96,472,277
2/1/2025			14,977,550	14,977,550	1,484,257	16,461,807	12,954,388		
8/1/2025	24,720,000	5.000%	14,977,550	39,697,550	1,484,257	41,181,807	25,908,776		96,506,777
2/1/2026			14,359,550	14,359,550	1,484,257	15,843,807	12,954,388		
8/1/2026	25,990,000	5.000%	14,359,550	40,349,550	1,484,257	41,833,807	25,908,776		96,540,777
2/1/2027			13,709,800	13,709,800	1,484,257	15,194,057	12,954,388		
8/1/2027	27,320,000	5.000%	13,709,800	41,029,800	1,484,257	42,514,057	25,908,776		96,571,277
2/1/2028			13,026,800	13,026,800	1,484,257	14,511,057	12,954,388		
8/1/2028	28,725,000	5.000%	13,026,800	41,751,800	1,484,257	43,236,057	25,908,776		96,610,277
2/1/2029			12,308,675	12,308,675	1,484,257	13,792,932	12,954,388		
8/1/2029	30,190,000	5.000%	12,308,675	42,498,675	1,484,257	43,982,932	25,908,776		96,639,027
2/1/2030			11,553,925	11,553,925	1,484,257	13,038,182	12,954,388		
8/1/2030	31,740,000	5.000%	11,553,925	43,293,925	1,484,257	44,778,182	25,908,776		96,679,527
2/1/2031			10,760,425	10,760,425	1,484,257	12,244,682	12,954,388		
8/1/2031	33,370,000	5.000%	10,760,425	44,130,425	1,484,257	45,614,682	25,908,776		96,722,527
2/1/2032			9,926,175	9,926,175	1,484,257	11,410,432	12,954,388		
8/1/2032	34,725,000	3.000%	9,926,175	44,651,175	1,484,257	46,135,432	25,908,776		96,409,027
2/1/2033			9,405,300	9,405,300	1,484,257	10,889,557	12,954,388		
8/1/2033	35,785,000	3.000%	9,405,300	45,190,300	1,484,257	46,674,557	25,908,776		96,427,277
2/1/2034			8,868,525	8,868,525	1,484,257	10,352,782	12,954,388		
8/1/2034	36,870,000	3.000%	8,868,525	45,738,525	1,484,257	47,222,782	25,908,776		96,438,727
2/1/2035			8,315,475	8,315,475	1,484,257	9,799,732	12,954,388		
8/1/2035	37,995,000	3.000%	8,315,475	46,310,475	1,484,257	47,794,732	25,908,776		96,457,627
2/1/2036			7,745,550	7,745,550	1,484,257	9,229,807	12,954,388		
8/1/2036	39,155,000	3.000%	7,745,550	46,900,550	1,484,257	48,384,807	25,908,776		96,477,777
2/1/2037			7,158,225	7,158,225	1,484,257	8,642,482	12,954,388		
8/1/2037	40,345,000	3.000%	7,158,225	47,503,225	1,484,257	48,987,482	25,908,776		96,493,127
2/1/2038			6,553,050	6,553,050	1,484,257	8,037,307	12,954,388		
8/1/2038	41,575,000	3.000%	6,553,050	48,128,050	1,484,257	49,612,307	25,908,776		96,512,777
2/1/2039			5,929,425	5,929,425	1,484,257	7,413,682	12,954,388		
8/1/2039	42,840,000	3.000%	5,929,425	48,769,425	1,484,257	50,253,682	25,908,776		96,530,527
2/1/2040			5,286,825	5,286,825	1,484,257	6,771,082	12,954,388		
8/1/2040	44,145,000	3.000%	5,286,825	49,431,825	1,484,257	50,916,082	25,908,776		96,550,327
2/1/2041			4,624,650	4,624,650	1,484,257	6,108,907	12,954,388		
8/1/2041	45,490,000	3.000%	4,624,650	50,114,650	1,484,257	51,598,907	25,908,776		96,570,977
2/1/2042			3,942,300	3,942,300	933,210	4,875,510	6,851,522		
8/1/2042	22,880,000	3.000%	3,942,300	26,822,300	933,210	27,755,510	13,703,044		53,185,586
2/1/2043			3,599,100	3,599,100	933,210	4,532,310	6,851,522		
8/1/2043	23,575,000	3.000%	3,599,100	27,174,100	933,210	28,107,310	13,703,044		53,194,186
2/1/2044			3,245,475	3,245,475	933,210	4,178,685	6,851,522		
8/1/2044	24,290,000	3.000%	3,245,475	27,535,475	933,210	28,468,685	13,703,044		53,201,936
2/1/2045			2,881,125	2,881,125	933,210	3,814,335	6,851,522		
8/1/2045	25,030,000	3.000%	2,881,125	27,911,125	933,210	28,844,335	13,703,044		53,213,236
2/1/2046			2,505,675	2,505,675	933,210	3,438,885	6,851,522		
8/1/2046	25,795,000	3.000%	2,505,675	28,300,675	933,210	29,233,885	13,703,044		53,227,336
2/1/2047			2,118,750	2,118,750	933,210	3,051,960	6,851,522		
8/1/2047	26,580,000	3.000%	2,118,750	28,698,750	933,210	29,631,960	13,703,044		53,238,486
2/1/2048			1,720,050	1,720,050	933,210	2,653,260	6,851,522		
8/1/2048	27,390,000	3.000%	1,720,050	29,110,050	933,210	30,043,260	13,703,044		53,251,086
2/1/2049			1,309,200	1,309,200	933,210	2,242,410	6,851,522		
8/1/2049	28,225,000	3.000%	1,309,200	29,534,200	933,210	30,467,410	13,703,044		53,264,386
2/1/2050			885,825	885,825	933,210	1,819,035	6,851,522		
8/1/2050	29,085,000	3.000%	885,825	29,970,825	933,210	30,904,035	13,703,044		53,277,636
2/1/2051			449,550	449,550	933,210	1,382,760	6,851,522		
8/1/2051	29,970,000	3.000%	449,550	30,419,550	933,210	31,352,760	13,703,044		53,290,087
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	909,675,000		444,969,391	1,354,644,391	76,550,213	1,431,194,604	969,854,548	19,790,089	2,420,839,241
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Dated Date: 6/10/2022									
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⁽¹⁾ Assumes interest rates from preliminary Series 2021A-1 Cashflows

⁽²⁾ Assumes approximately \$1.009 billion of projects funded with I-Bank Loans and \$970 million of projects funded with Fund Loans

⁽³⁾ Assumes 37% of projects funded with a 20 year final maturity and 63% of projects funded with a 30 year final maturity (consistent with Series 2021A-1)

⁽⁴⁾ I-Bank Fee is .075% of total project amount paid semi-annually

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APPENDIX E

NEW JERSEY INFRASTRUCTURE BANK OPERATING BUDGET July 1, 2021 to June 30, 2022

			Water		Trans		Combined	
REVENUES			2021	DRAFT 2022	2021	DRAFT 2022	2021	DRAFT 2022
		Total Annual Admin Fee	5,553,800	5,670,333	0	0	5,553,800	5,670,333
		Annual Admin Fee Direct Loans	22,066	23,869	-	-	22,066	23,869
		Transportation Admin Fee			585,016	1,079,896	585,016	1,079,896
	Admin Fee Total =		5,575,866	5,694,201	585,016	1,079,896	6,160,882	6,774,097
	Loan Surcharge (COI at closing)(Fall Deal - Nov & Sep WIFIA)		73,000	145,000	-	16,494	73,000	161,494
	Loan Surcharge (COI at closing)(Spring Deal - May '22)		75,000	75,000	-	-	75,000	75,000
	Loan Surcharge Total =		148,000	220,000	0	16,494	148,000	236,494
	Interest Income (S-T CLP Loans)		885,177	375,368	680,051	274,986	1,565,228	650,354
	Direct Loans		-	125,857	-	0	-	125,857
	Earnings Credits		-	115,255	-	0	-	115,255
	Interest Income (Operating Accts):*		120,000	35,540	394,091	983	514,091	36,523
	Other Income Total =		1,005,177	652,019	1,074,142	275,970	2,079,319	927,989
		TOTAL REVENUES =	6,729,043	6,566,220	1,659,158	1,372,360	8,388,201	7,938,581

EXPENSES			2021	DRAFT 2022	2021	DRAFT 2022	2021	DRAFT 2022
FINANCING PROGRAMS	Bond Counsel	- Bond/Loan Issuance Costs (M&E, CSG)	861,200	902,100	157,000	331,000	1,018,200	1,233,100
		- Program / Development Charges (M&E, CSG)	300,000	384,000	250,000	210,000	550,000	594,000
	B.C. Total =		1,161,200	1,286,100	407,000	541,000	1,568,200	1,827,100
	Financial Advisor	- Bond/Loan Issuance Costs (PFM, Lamont)	158,700	246,850	95,000	105,000	253,700	351,850
		- Program / Development Charges (PFM, Lamont)	150,000	159,000	25,000	155,000	175,000	314,000
	F.A. Total =		308,700	405,850	120,000	260,000	428,700	665,850
	Short Term Borrowing Fees and Interest		562,500	62,500	453,115	122,867	1,015,615	185,367
	Custodial, Trustee and Loan Servicer Fees (Includes UCC Filings)		160,628	152,328	15,000	18,000	175,628	170,328
	Rating Service (ST & Bond Programs)		335,930	516,500	79,000	79,000	414,930	595,500
	Master Program Trustee		14,000	22,000		8,000	14,000	30,000
	Arbitrage Rebate Services		48,050	38,200	-	-	48,050	38,200
	3rd Party Bond Issuance Expenses (iPREO, Newspapers, POS/OS)		15,000	15,000	-	-	15,000	15,000
		TOTAL FINANCING PROGRAM EXPENSES =	2,606,008	2,498,478	1,074,115	1,028,867	3,680,122	3,527,344

NJIB OPERATIONS	Total Salaries & Fringe (Original)		3,022,126	3,132,446	1,532,350	1,493,441	4,554,476	4,625,887	
	a. FTE Salaries (Original)		1,692,164	1,723,261	1,048,478	1,037,562	2,740,642	2,760,823	
	b. Fringe + DEP Indirect (2022: 53.25% + 22.2%)		1,329,962	1,409,185	483,872	455,878	1,813,834	1,865,063	
	Human Resources (HRIS+Payroll Svcs, Training, Memberships, Recruiting)		12,243	11,728	7,617	7,061	19,860	18,789	
	I.T.	- Expenses (Hardware, Software, Online Services)	363,030	337,100	222,502	202,966	585,532	540,066	
	Admin Expenses General (Office supplies, bond buyer, publications, etc.)		17,816	18,400	11,085	11,078	28,900	29,478	
	Facilities - Rent & Property Insurance, PSEG		105,520	108,063	65,653	65,064	171,174	173,126	
	Investment Advisor (PFM)		90,300	92,400	37,002	382	127,302	92,782	
	Auditor	- NJIB Financials (CLA LLP)	16,274	16,853	10,126	10,147	26,400	27,000	
		- State CW/DW SRF Financials (CLA LLP)	52,900	55,100	-	-	52,900	55,100	
	Internal Control Audit (CohnReznick)		70,157	88,322	43,651	53,178	113,808	141,500	
	Accounting System Maintenance & Support		19,357	18,413	12,043	11,087	31,400	29,500	
	State Liason Charges (AG/GAU)		52,095	53,912	37,269	41,554	89,364	95,466	
	Reports, Publications, Conferences & Marketing		43,138	23,787	18,776	14,322	61,915	38,109	
	Vehicle (Insurance, gasoline, depreciation)		12,927	5,949	8,043	3,582	20,971	9,531	
	Depreciation (Other: IT, Furniture, etc)		23,975	12,218	13,357	6,733	37,332	18,950	
	Board Member Expense (Bond + misc)		6,165	5,483	3,835	3,301	10,000	8,785	
			TOTAL OPERATING EXPENSES =	3,908,023	3,980,174	2,023,310	1,923,895	5,931,333	5,904,069

TOTAL EXPENDITURES =			6,514,030	6,478,651	3,097,425	2,952,762	9,611,455	9,431,413
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Anticipated Amount of Appropriations Utilized =					1,600,000	1,600,000	1,600,000	1,600,000
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Unencumbered Contingencies (for Direct Loans, etc.) =			\$ 215,013	\$ 87,569	\$ 161,733	\$ 19,598	\$ 376,746	\$ 107,168
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* certain funds and interest earned are restricted

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APPENDIX F
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APPENDIX G
(RESERVED)

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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, 2021:		
Total Project Disbursements	\$	(9,317,515.00)
Total Funds Applied to Loan Repayments/Defeasances	\$	(235,608.89)
Project Funds Disbursed to Date	\$	(9,553,123.89) ^B
Net Bond Proceeds Remaining	\$	41,743.11 ^C

Project Expenses as of 3/31/21:

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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 \$ 25,306.89 ¹	\$ 41,743.11
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). Replacement 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				\$ 235,608.89	
TOTAL:			\$ 9,594,867.00 ^A	\$ 9,553,123.89 ^B	\$ 41,743.11 ^C

¹ Unexpended Funds applied to either loan repayments or defeasances.

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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, 2021:	
Total Project Disbursements	\$ (24,320,807.00)
Total Funds Applied to Loan Repayments/Defeasances	\$ (516,813.03)
Project Funds Disbursed to Date	\$ (24,837,620.03) ^B
Net Bond Proceeds Remaining	\$ 108,415.67 ^C

Project Expenses as of 3/31/21:

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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 \$ 28,164.48 ¹	\$ 5,626.52
Gloucester, City of	Project # 0414001-020. Water Main Replacement. Improve drinking water supply.	\$ 451,169.00	\$ 112,792.00	\$ 84,118.00 \$ 9,717.85 ¹	\$ 18,956.15
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 Utilities Authority	Project # S340699-15. Sewage Treatment Plant Upgrades. Improve groundwater quality.	\$ 20,456,903.91	\$ 5,114,792.91	\$ 5,030,204.00 \$ 755.91 ²	\$ 83,833.00
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 Utilities Authority	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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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
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				\$ 516,813.03	
TOTAL			\$ 24,946,035.70 ^A	\$ 24,837,620.03 ^B	\$ 108,415.67 ^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, 2021:					
		Total Project Disbursements	\$	(7,148,480.00)	
		Total Funds Applied to Loan Repayments/Defeasances	\$	(253,174.60)	
		Project Funds Disbursed to Date	\$	(7,401,654.60)	^B
		Net Bond Proceeds Remaining	\$	41,805.40	^C
Project Expenses as of 3/31/21:					

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
Bergen County Utilities Authority	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 \$ 15,870.60 ¹	\$ 41,805.40
Passaic Valley Sewerage Commission	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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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 pipe. Improve groundwater quality.	\$ 1,454,616.00	\$ 363,654.00	\$ 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				\$ 253,174.60	
TOTAL			\$ 7,443,460.00 ^A	\$ 7,401,654.60 ^B	\$ 41,805.40 ^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, 2021:		
Total Project Disbursements	\$	(30,440,870.00)
Total Funds Applied to Loan Repayments/Defeasances	\$	(553,142.77)
Project Funds Disbursed to Date	\$	(30,994,012.77) ^B
Net Bond Proceeds Remaining	\$	584,345.23 ^C

Project Expenses as of 3/31/21:

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
Barneget, 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 \$ 28,601.58 ¹	\$ 36,272.42
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 \$ 75,781.98 ¹	\$ 10,711.02
Cumberland County Improvement Authority	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
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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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 \$ 46,917.98 ¹	\$ 22,662.02
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	\$ 685,085.00	\$ 171,271.00	\$ 140,349.00 \$ 10,752.60 ¹	\$ 20,169.40
Hightstown, Borough of	Project # 1104001-007/008 (Nano). Rehabilitation 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. Rehabilitation 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
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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
Manchester Utilities Authority	Project # 1603001-014. Relocation 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 \$ 38,388.71 ¹	\$ 2,541.29
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	\$ 3,943,959.00	\$ 232,675.00
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	\$ 3,842,521.00	\$ 241,638.00
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 outfalls via piping. Improve groundwater quality.	\$ 708,678.00	\$ 177,169.00	\$ 138,249.00 \$ 33,530.00 ¹	\$ 5,390.00
Ocean County Utilities Authority	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
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 \$ 41,885.92 ¹	\$ 12,286.08

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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 Improvement Authority	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:				\$ 30,440,870.00	
Total Funds Applied to Loan Repayments/Defeasances:				\$ 553,142.77	
TOTAL:			\$ 31,578,358.00 ^A	\$ 30,994,012.77 ^B	\$ 584,345.23 ^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, 2021:	
Total Project Disbursements	\$ (17,595,476.00)
Total Funds Applied to Loan Repayments/Defeasances	\$ (1,019,176.40)
Project Funds Disbursed to Date	\$ (18,614,652.40) ^B
Net Bond Proceeds Remaining	\$ 449,803.60 ^C

Project Expenses as of 3/31/21:

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
Atlantic County Utilities Authority	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 downstream 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 \$ 19,577.05 ¹	\$ 9,766.95
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 Utilities Authority	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 conversion 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, ii) 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 \$ 8,278.13 ¹	\$ 94,291.87
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 Streets 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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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 \$ 16,396.93 ¹	\$ 1,054.07
Gloucester County Improvement Authority	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 \$ 51,973.50 ¹	\$ 123,853.50
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 \$ 3,628.13 ¹	\$ 17,954.87
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 \$ 10,334.38 ¹	\$ 13,170.62
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 \$ 116,911.22 ¹	\$ 64,492.78
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 \$ 17,956.50 ¹	\$ 19,209.50
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 \$ 150,041.87 ¹	\$ 18,337.13

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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, replacement 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 electric unit heaters to replace existing hot water heaters and installation of approximately 200 linear feet of ductile iron force main house 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 \$ 54,081.63 ¹	\$ 3,721.37
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 diameter pressure vessels with single use ion exchange media and 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 \$ 148,228.06 ¹	\$ 83,950.94
Total Project Disbursements:				\$ 17,595,476.00	
Total Funds Applied to Loan Repayments/Defeasances:				\$ 1,019,176.40	
TOTAL:			\$ 19,064,456.00 ^A	\$ 18,614,652.40 ^B	\$ 449,803.60 ^C

¹ Unexpended Funds applied to either loan repayments or defeasances.

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Exhibit H6
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, 2021:		
Total Project Disbursements	\$	(20,237,093.00)
Total Funds Applied to Loan Repayments/Defeasances	\$	(267,797.18)
Project Funds Disbursed to Date	\$	(20,504,890.18) ^B
Net Bond Proceeds Remaining	\$	814,857.82 ^C

Project Expenses as of 3/31/21:

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
Atlantic County Utilities Authority	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 \$ 28,018.18 ¹	\$ 16,652.82
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 incinerator 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 buildings 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	\$ 50,553.00
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	\$ 214,899.00

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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
Gloucester County Utilities Authority	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	\$ 18,158.00
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 surface 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
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
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 previously replaced but not equipped with automatic meter reading system.	\$ 2,153,465.00	\$ 538,366.00	\$ 529,065.00 \$ 9,301.00 1	Completed
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 replacement 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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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
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	\$ 2,745,230.00	\$ 447,702.00
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
Total Project Disbursements:				\$ 20,237,093.0000	
Total Funds Applied to Loan Repayments/Defeasances:				\$ 267,797.1800	
TOTAL:			\$ 21,319,748.00 ^A	\$ 20,504,890.18 ^B	\$ 814,857.82 ^C

¹ Unexpended Funds applied to either loan repayments or defeasances.

² Expended Funds include funds disbursed for SAIL Technical Fee.

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Exhibit H7
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, 2021:	
Total Project Disbursements	\$ (14,892,325.00)
Total Funds Applied to Loan Repayments/Defeasances	\$ (45,415.62)
Project Funds Disbursed to Date	\$ (14,937,740.62) ^B
Net Bond Proceeds Remaining	\$ 125,367.38 ^C

Project Expenses as of 3/31/21:

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
Middlesex Water Company	Project # 1225001-026. Replacement 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 \$ 45,415.62 ¹	\$ 19,027.38
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
New Jersey-American Water Company, Inc.	Project # 2004002-500 (Sandy PF). Demolition of certain structures, replacement of flood gates, reconstruction and stabilization of existing 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 valve 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:				\$ 45,415.62	
TOTAL:			\$ 15,063,108.00 ^A	\$ 14,937,740.62 ^B	\$ 125,367.38 ^C

¹ Unexpended Funds applied to either loan repayments or defeasances.

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Exhibit H8
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, 2021:	
Total Project Disbursements	\$ (16,068,331.00)
Total Funds Applied to Loan Repayments/Defeasances	\$ (3,175.00)
Project Funds Disbursed to Date	\$ (16,071,506.00) ^B
Net Bond Proceeds Remaining	\$ 583,970.00 ^C

Project Expenses as of 3/31/21:

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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	\$ 14,053.00
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 Utilities Authority	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	\$ 10,002,331.00	\$ 296,162.00
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 deteriorating 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	\$ 1,490,155.00	\$ 138,592.00

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	\$ 52,956.00
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 Utilities Authority	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
Passaic Valley Sewerage Commission	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 \$ 3,175.00	\$ 35,775.00
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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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	\$ 44,034.00
Total Project Disbursements:				\$ 16,068,331.00	
Total Funds Applied to Loan Repayments/Defeasances:				\$ 3,175.00	
TOTAL:			\$ 16,655,476.00 ^A	\$ 16,071,506.00 ^B	\$ 583,970.00 ^C

¹ Unexpended Funds applied to either loan repayments or defeasances.

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Exhibit H9
Green Bond Report
New Jersey Infrastructure Bank Environmental Infrastructure Bonds - Series 2019A-1
Bond Sale Date: May 23, 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, 2021:	
Total Project Disbursements	\$ (13,426,847.43)
Total Funds Applied to Loan Repayments/Defeasances	\$ (8,488.75)
Project Funds Disbursed to Date	\$ (13,435,336.18) ^B
Net Bond Proceeds Remaining	\$ 232,999.82 ^C

Project Expenses as of 3/31/21:

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
Atlantic County Utilities Authority	Project # S340809-24 (Sandy PF). Mitigation measures to make Atlantic County Utilities Authority's pump stations resistant to storm conditions.	\$ 293,218.00	\$ 73,305.00	\$ 73,305.00	Completed
Atlantic County Utilities Authority	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
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	\$ 40,894.00
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 \$ 2,993.75 ¹	\$ 5,972.25
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 standby generators will be replaced at both pump stations.	\$ 1,485,583.00	\$ 474,712.00	\$ 452,300.43 ²	\$ 22,411.57
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 Utilities Authority	Project # S340699-13. Permanent restoration of the mechanical HVAC and electrical instrumentation and control equipment, and building repairs for the Edison pump station facilities. The project further entails flood proofing the building generator and switchgear building and tunnel access shaft.	\$ 16,474,721.00	\$ 4,269,899.00	\$ 4,182,670.00 ²	\$ 87,229.00

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
Old Bridge MUA	Project # 1209002-013. Rehabilitation of existing unlined cast iron water mains within the Knollcroft Development 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	\$ 68,656.00	\$ 21,006.00
Perth Amboy, City of	Project # S340435-18. Replacement of water meters within city limits.	\$ 1,396,632.00	\$ 349,158.00	\$ 319,399.00	\$ 29,759.00
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 incinerator 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:				\$ 13,426,847.43	
Total Funds Applied to Loan Repayments/Defeasances:				\$ 8,488.75	
TOTAL:			\$ 13,668,336.00 ^A	\$ 13,435,336.18 ^B	\$ 232,999.82 ^C

¹ Unexpended Funds applied to either loan repayments or defeasances.

² Expended Funds include funds disbursed for SAIL Technical Fee.

Exhibit H10
Green Bond Report
New Jersey Infrastructure Bank Environmental Infrastructure Bonds - Series 2020A-1
Bond Sale Date: May 13, 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, 2021:		
Total Project Disbursements	\$	(34,925,905.54)
Total Funds Applied to Loan Repayments/Defeasances	\$	-
Project Funds Disbursed to Date	\$	(34,925,905.54) ^B
Net Bond Proceeds Remaining	\$	713,065.46 ^C

Project Expenses as of 3/31/21:

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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	\$ 1,856,117.00	\$ 194,848.00
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	\$ 323,044.00	\$ 5,832.00
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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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	\$ 5,233,561.54 ²	\$ 490,760.46

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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 of 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
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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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 its 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 ²	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 purposes 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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Costs Financed by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Project Costs</u>
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:				\$ 34,925,905.54	
Total Funds Applied to Loan Repayments/Defeasances:				\$ -	
TOTAL:			\$ 35,638,971.00 ^A	\$ 34,925,905.54 ^B	\$ 713,065.46 ^C

¹ Unexpended Funds applied to either loan repayments or defeasances.

² Expended Funds include funds disbursed for SAIL Technical Fee.

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Exhibit H11

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

<u>ORIGINAL BONDS</u>		<u>REFUNDED BONDS</u>	
2006A Bond Par Amount	\$ 148,850,000	Refunding Bond Par Amount	\$ 8,470,000
Net Premium (priced at 102.132)	\$ 3,173,588	Net Premium (priced at 110.920)	\$ 924,924
Net Bond Proceeds	\$ 152,023,588	Net Refunding Bond Proceeds	\$ 9,394,924
Project Fund Exclusions (Capitalized Int., Fees and COI)	\$ (20,606,313)	Remaining Project Account Funds	\$ 445,523
2006A Bond Proceeds Available for Projects	\$ 131,417,274	Total Refunding Bond Proceeds	\$ 9,840,447
Interest Earned on Proceeds in Project Accounts	\$ 5,200,197	Refunding Escrow Deposit	\$ (9,763,723)
Total Available for Projects	\$ 136,617,471 ^A	Underwriter's Discount and COI	\$ (76,724)
<u>Refunding Participants</u>		Net Bond Proceeds Remaining	\$0
Total Project Disbursements	\$ (130,633,646)		
Total Funds Applied to Loan Repayments/Defeasances	\$ (3,791,066)		
Unexpended Excess Funds Applied to Refunding	\$ (445,523)		
Project Funds Disbursed to Date	\$ (134,870,235) ^B		
<u>Non- Refunding Participants</u>			
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	\$ 145,194 ^C		
Non-Refunding Projects	\$ -		
Total	\$ 145,194		

Project Expenses as of 3/31/21:

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
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

[illegible]

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
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
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, 10 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 Ludzack-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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
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
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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
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
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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
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 \$ 1,302,685.24 ¹	\$ 145,193.76
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
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

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
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				\$ 4,236,589.24	
TOTAL		\$ 393,478,723	\$ 135,015,429 ^A	\$ 134,870,235.24 ^B	\$ 145,194 ^C

¹ Unexpended funds applied to either loan repayments or defeasances.

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Exhibit H12

Green Bond Report

New Jersey Infrastructure Bank Environmental Infrastructure Refunding Bonds - Series 2020C-R1 (refunding of 2012A Financing Program)

Refunding Bond Sale Date: June 7, 2020

<u>ORIGINAL BONDS</u>		<u>REFUNDED BONDS</u>	
2012A Bond Par Amount	\$ 67,765,000	Refunding Bond Par Amount	\$ 40,795,000
Net Premium (priced at 113.012)	\$ 8,817,253	Net Premium (priced at 112.459)	\$ 5,082,465
Net Bond Proceeds	\$ 76,582,253	Net Refunding Bond Proceeds	\$ 45,877,465
Project Fund Exclusions (Capitalized Int., Fees and COI)	\$ (5,476,390)	Remaining Project Account Funds	\$ 71,620
2012A Bond Proceeds Available for Projects	\$ 71,105,863	Total Refunding Bond Proceeds	\$ 45,949,084
Interest Earned on Proceeds in Project Accounts	\$ 36,895	Refunding Escrow Deposit	\$ (45,453,175)
Total Available for Projects	\$ 71,142,758 ^A	Underwriter's Discount and COI	\$ (495,910)
<u>Refunding Participants</u>		Net Bond Proceeds Remaining	\$0
Total Project Disbursements	\$ (68,382,484)		
Total Funds Applied to Loan Repayments/Defeasances	\$ (2,688,654)		
Unexpended Excess Funds Applied to Refunding	\$ (71,620)		
Project Funds Disbursed to Date	\$ (71,142,758) ^B		
<u>Non- Refunding Participants</u>			
Total Project Disbursements	\$ -		
Total Funds Applied to Loan Repayments/Defeasances	\$ -		
Project Funds Disbursed to Date	\$ -		
Bond Proceeds Remaining			
Refunding Projects	\$ - ^C		
Non-Refunding Projects	\$ -		
Total	\$ 0		

Project Expenses as of 3/31/21:

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
Aberdeen, Township of	Project # 1330002-002. Installation of approximately 1,500 L.F. of new 14-inch fusible PVC water main crossing the NJ Garden State Parkway, utilizing the directional drill method. The proposed water main will replace the deteriorated existing 8-inch aerial crossing across the Cliffwood Avenue overpass. The project also includes the re-connection to the existing water main at the sending & receiving areas, restoration and methods of testing / flushing, and all associated work. The increase in proposed water main size will facilitate an increase in pressure to affected areas.	\$ 1,263,369	\$ 315,842	\$ 306,997.00 \$ 8,845.00 ¹	Completed
Atlantic County UA	Project # S340809-18. Construction of a 4,400 square foot vehicle wash facility at the Atlantic county Utilities Authority's Howard F. Haneman Environmental Park. The wash facility will contain a vehicle wash tunnel capable of washing the Authority's maintenance vehicles. Collected washwater will be reclaimed through a series of unit processes and stored for reuse. A solar system and a waste oil heater will preheat the washwater.	\$ 2,087,417	\$ 521,854	\$ 521,854.00	Completed

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
Bergen County UA	Project # S340386-05-1. Rehabilitation of barge docking facilities by repairing/replacing piles supporting the docks, cross-braces, rubber continuator, missing hardware, modify existing guide rails to meet height requirements, replace damaged or missing guard rails, repair or replace sludge piping system and replace 36 of the 51 fender system piles.	\$ 1,298,542	\$ 324,635	\$ 307,200.25 \$ 17,434.75 ¹	Completed
Boonton, Town of	Project # 1401001-002. Demolition & removal of the, existing lead paint coated, 1 MG welded steel water storage tank & appurtenances and the fabrication, erection & coating of a new 1 MG welded steel water storage tank on the existing tank slab including furnishing & installation of associated appurtenances, valve chamber, piping, electrical instrumentation & control wiring & related work, cathodic protection system, site work and other miscellaneous items.	\$ 1,509,522	\$ 377,380	\$ 377,380.00	Completed
Bordentown SA	Project # S340219-03 (PF). Installation of several energy efficient variable frequency drive motors at the Black's Creek Wastewater Treatment plant. The motors will be installed on several of the aerators and blowers. In addition several pumps, grinders, conveyors, a new hydraulic mixing system and control systems will be installed to replace worn equipment.	\$ 2,242,800	\$ 897,120	\$ 897,120.00	Completed
Burlington, Township of	Project # S340712-09 (PF). Sanitary Sewer Rehabilitation using the cured-in-place pipe method in the Springside Area and Adjacent Areas, Sanitary Sewer Rehabilitation in the Rosewood East & West Developments, Sanitary Sewer Rehabilitation in the LaGorce Square Development.	\$ 754,629	\$ 301,852	\$ 285,146.00 \$ 16,706.00 ¹	Completed
Camden County MUA	Project # S340640-10 (PF). Construction of the Atlantic Basin Interceptor Extension.	\$ 50,050,000	\$ 14,012,500	\$ 14,012,500.00	Completed
Camden County MUA	Project # S340640-12. Rehabilitation of existing deteriorating concrete structures at the Delaware No.1 Water Pollution Control Facility. Work within the building will also entail the replacement of the existing screening compactor, grit conveyor, two 24-inch diameter knife gate valves on the grit storage tanks, electrical work for the new equipment, replacement of stop log gates, rehabilitation of existing sluice gates and cleaning of ducts and duct registers located within the Screening and Grit rooms. In addition, the precast concrete troughs located inside the Final Sedimentation Tanks are also in need of rehabilitation.	\$ 4,530,000	\$ 1,132,500	\$ 1,132,500.00	Completed

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
Cape May County MUA	Project # S340661-15/16/17/18/19/20 (PF). The project entails securing a diesel engine-driven generator set, purchasing and replacement of existing gate valves at the Spicer Avenue Pump Station, procurement of variable frequency drives with new equipments, furnish & deliver Submersible Pumps, rehabilitation of the asphalted and concreted areas of the sludge composting facility by an outside contractor, as well as, replacing the existing Forklift for maintenance work and the existing Front End Loader for material handling.	\$ 975,734	\$ 390,293	\$ 368,414.00 \$ 21,879.00 ¹	Completed
Cape May County MUA	Project # S340661-21. Removal of existing roofs on buildings located at the WWTP and installing new roofs constructed of like kind materials.	\$ 776,100	\$ 194,025	\$ 194,025.00	Completed
Cape May County MUA	Project # S342017-03. Construction of a double composite lined Landfill Cell 2G covering approximately 19 acres, the construction of new access roads, reconfiguration of the site stormwater drainage and leachate management systems, and construction of a new leachate storage tank. Construction of the project will provide continued disposal capacity at the existing Landfill for all 16 municipalities within the County of Cape May until the year 2067, which will lessen possible indirect adverse impacts to groundwater and surface water contamination that can result from illegal dumping of solid waste.	\$ 5,288,623	\$ 1,322,156	\$ 1,322,155.75 \$ 0.25 ¹	Completed
Clinton, Town of	Project # S340924-04 (PF). The tertiary filter replacement project includes removal of existing filters and replacement with new filters. Modifications to the existing building will be required to remove the existing filters and modifications to the piping, supports, access stairs and walkway will also be required. The new filters will require less space than the existing filters. The available space will be used as garage space to house the Sewer Department vehicles to protect them from weather.	\$ 1,404,610	\$ 561,844	\$ 538,367.00 \$ 23,477.00 ¹	Completed
Clinton, Town of	Project # 1005001-003/004. Replacement of approximately 2,520 linear feet of 4-inch and 6-inch water mains with 8-inch and 12-inch diameter ductile iron pipes and rehabilitation of an existing 2.5 million gallon (MG) steel welded water storage tank as a part of its ongoing efforts to improve the reliability of a safe potable water for the Town of Clinton and portions of surrounding communities. The storage rehabilitation will include the sandblasting and resurfacing of the interior and exterior, make necessary repairs and replace appurtenances to meet current AWWA standards. A new cathodic protection system will be installed.	\$ 1,738,784	\$ 434,696	\$ 419,064.00 \$ 15,632.00 ¹	Completed

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
Elizabeth, City of	Project # S340942-11 (PF) Separation of the Midtown District's combined sewer system (CSS) by constructing 3000 linear feet (lf) of new 12" to 18" reinforced concrete (RC) storm sewer pipes, and expanding and replacing the existing 18" vitrified clay outfall pipe on West Jersey Street to a 36" RC outfall pipe and the 20" RC outfall pipe to a 24" RC outfall pipe near Crane Street. The project provides flooding relief in the Midtown District by increasing the conveying capacity of the surface water drainage system that currently surcharges during wet weather events. The project also aims at environmental pollution reduction in project area and river by separating CSS.	\$ 7,098,417	\$ 2,839,367	\$ 2,320,500.00 \$ 518,867.00 ¹	Completed
Ewing-Lawrence SA	Project # S340391-09. Installation of a sanitary sewer relief main parallel to the existing 12-inch VCP gravity main. The existing 12-inch sewer will be abandoned in place once the relief sewer is placed into operation. The proposed relief sewer consists of 2,942 linear feet of 18-inch PVC/DIP gravity sewer. In addition the Authority is also proposing to purchase a pipeline television inspection system and vehicle.	\$ 1,307,469	\$ 326,867	\$ 326,867.00	Completed
Frenchtown, Borough of	Project # S340331-01 (PF). Upgrades to the WWTP consist of the installation of the following components: a new, flood-proof, influent pumping station; a combined fine screen and grit removal system, an oxidation ditch, two final clarifiers; new return activated sludge pumps; a sludge storage tank with odor control; disc-type effluent filters; post-aeration; an upgraded UV disinfection system; a coagulant storage and feed system and ancillary site improvements as required.	\$ 8,746,800	\$ 3,582,690	\$ 3,582,690.00	Completed
Gloucester, Township of	Project #S340364-07. Upgrades to the existing storm water conveyance system at the Cherrywood Development. It is estimated that the storm drainage improvements will include the replacement and repair of approximately 4,300 to 5,000 linear feet of storm water piping. There will be no increase in capacity and the new piping size(s) will remain consistent with existing piping size(s).	\$ 1,581,250	\$ 395,312	\$ 395,312.00	Completed

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
Hamilton Township MUA	Project # S340903-03 (PF). Construction of approximately 26 linear feet of 10-inch, approximately 1,387 linear feet of 15-inch, and approximately 2,027 linear feet of 18-inch polyvinyl chloride (PVC) gravity sewer main piping, and associated manholes. Construction also includes re-connection of the existing force mains, and a new manhole at the terminus point of the existing gravity main, along with relocation of existing manhole. In addition, the Harding Highway manhole relocation project consist of the construction of approximately 100 linear feet of 6-inch diameter and 100 linear feet of 8-inch diameter ductile iron pipe force main. The disturbance due to the proposed project will be contained within existing rights-of-ways, and will not result in an expansion of the sewer service area or increase in wastewater flow.	\$ 1,120,549	\$ 448,219	\$ 448,219.00	Completed
Hammonton, Town of	Project # 0113001-004 (PF). installation of a total of 14,800 linear feet of 8-inch Cement Lined DIP water main and 8,100 linear feet of 12-inch Cement Lined DIP water main along White Horse Pike, Oak Road, Pine Hill Road, Basin Road and Union Road. In addition to the proposed drinking water main installation, approximately 36 fire hydrants will be installed for fire protection. Blow off valves will be installed for flushing purposes.	\$ 3,161,555	\$ 1,264,622	\$ 1,114,675.00 \$ 149,947.00 ¹	Completed
Hanover SA	Project # S340388-04. Rehabilitation of existing Stabilization Pond No. 2 and convert it into equalization pond, as well as, relining of existing equalization Pond No.1, abandonment and removal of existing Drying Beds No. 1 and 2. The proposed project also includes other miscellaneous site work including drainage improvements, road work, piping, removal and disposal of dewatered sludge, structural, and electrical. The capacity of the WWTP will not change as a result of the project.	\$ 4,890,305	\$ 1,222,576	\$ 1,222,576.00	Completed
Jersey City MUA	Project # S340928-06-1. Cleaning and television/sonar testing of the Northeast Interceptor. The interceptor is approximately 21,050 linear feet of combined sewer ranging in size from 18 to 84 inch diameter. Once the survey is complete repairs to the sewer line, man holes covers and frames will be made.	\$ 1,800,160	\$ 450,040	\$ 288,484.00 \$ 161,556.00 ¹	Completed
Kearny MUA	Project # S340259-09. Extension of the existing stormwater sewer main along North Hackensack Avenue approximately 1200 linear feet northward from its existing terminus at the intersection with Third Street and includes the provision of 16- and 30-inch diameter ductile iron pipe, catch basins, manholes, and appurtenances.	\$ 1,873,270	\$ 468,317	\$ 371,665.00 \$ 96,652.00 ¹	Completed

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
Lakewood Township MUA	Project # 1514002-002/6/7/2/7/10-1. This project has six main components; replacement of Airport Road Water Storage Tank, upgrades and expansion of New Hampshire Water Treatment Plant, construction of Well No. 17 with ASR capability, installation of well pump & motor in Well No. 4, construction of Cedar Bridge raw water mains, and renovation of Authority's administration building.	\$ 2,065,348	\$ 1,109,918	\$ 985,985.00 \$ 123,933.00 ¹	Completed
Lakewood Township MUA	Project # 1514002-011. Replacement of approximately 6,500 water meters with new Electronic Coded Registry Meters that will each transmit readings via radio to a existing radio receiver base station.	\$ 3,241,041	\$ 810,260	\$ 717,956.75 \$ 92,303.25 ¹	Completed
Linden Roselle SA	Project # S340299-07 (PF). Upgrades to the aeration system, which includes new blowers, new supply and distribution piping and new fine bubble disc diffusers. The project also consists of; upgrading existing and providing new process control instruments; upgrading laboratory with new benches, celling, lighting and motion detectors; and upgrading the secondary clarifiers which include new collector mechanisms, energy dissipating inlets, baffles and flow control sluice gates with electric actuated operators.	\$ 10,255,655	\$ 4,063,914	\$ 3,948,670.00 \$ 115,244.00 ¹	Completed
Linwood, City of	Project # S340217-02. Reconstruction of the aged and undersized storm sewer system. Improvements will include the construction of various lengths of storm sewer pipe, ranging in size from 15 inches to 36 inches in diameter of reinforced concrete pipe (RCP), high density polyethylene pipe (HDPE), and ductile iron pipe (DIP). Proposed improvements will also include the installation of Type 'E' inlets and stormwater manholes. The proposed improvements will discharge to a relocated outfall near Brighton Drive. The project also includes the stabilization and the extension of the outfall 200 feet west of its existing location.	\$ 1,541,242	\$ 385,311	\$ 372,433.00 \$ 12,878.00 ¹	Completed
Long Beach, Township of	Project # S340023-04 (PF). Replacement of approximately 10,000 LF of 8, 10 and 15 inch gravity sewer main and manholes in the existing Township sanitary sewer collection system.	\$ 2,779,409	\$ 1,111,763	\$ 1,092,540.00 \$ 19,223.00 ¹	Completed
Long Beach, Township of	Project # 1517001-011. Removal and replacement of approximately 14,500 linear feet of existing 6, 8 and 12 inch water mains; removal and replacement of approximately 202 water service laterals; road pavement restoration, installation of approximately 6 hydrants, construction of associated tees, tie-in crosses, and valves; dewatering, testing, disinfection, restriping, traffic control and disturbed landscaping areas.	\$ 2,444,414	\$ 977,765	\$ 977,765.00	Completed

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
Maple Shade, Township of	Project # S340710-07 (PF). This project includes in-kind replacement of three screw pumps in the headworks section of the wastewater treatment plant, three return activated sludge pumps, two waste activated sludge transfer pumps, and the upgrade of the electrical wiring system in the ORBAL tank. The proposed upgrade is necessary to accommodate the existing peak and committed wastewater flows, and the existing equipment at the Plant is aging and approaching the anticipated lifespan for adequate operation. The proposed upgrade will not increase the permitted capacity of the Wastewater Treatment Plant (WWTP).	\$ 1,315,755	\$ 526,302	\$ 491,135.00 \$ 35,167.00 ¹	Completed
Matawan, Borough of	Project # 1329001-001/002. various mechanical, electrical, structural and site improvements and/or modifications to its existing water treatment plant facility and to the existing Ryers Lane storage tank.	\$ 5,349,520	\$ 1,337,380	\$ 1,337,380.00	Completed
Maywood, Borough of	Project # S340226-01. Clean, televise, and sewer lining of approximately 7,500 linear feet (L.F.) of existing 8-inch to 15-inch vitrified clay pipe located adjacent to the Westerly Brook and Coles Brook within the Borough of Maywood (Borough). The project also involves Lincoln Avenue and Mendez Avenue storm drainage improvements by constructing approximately 1,500 L.F. of 24-inch Reinforced Concrete Pipe (RCP) storm sewer and 12 inlets. The project also includes insertion of insituform lining in to 7,500 L.F. of existing sanitary sewer lines in three non-contiguous locations of the Borough and rehabilitation of existing manholes to reduce infiltration and inflow (I/I).	\$ 876,628	\$ 350,651	\$ 295,529.00 \$ 55,122.00 ¹	Completed
Milltown, Borough of	Project # S340102-02 (PF). Decommissioning of the existing Washington Avenue Pump Station, replacement of that pump station with approximately 550 linear feet of 12- and 24-inch sewer main to convey wastewater to the Church Street Pump Station, which is to be upgraded.	\$ 1,446,422	\$ 578,569	\$ 578,569.00	Completed
Monroe, Township of	Project # 1213002-001 (PF). Installation of a radium removal treatment facility at wells 17 and 19 treatment plant. This project will include the installation of two treatment trains, each consisting of two vessels operating in series. Each train will be rated for 800 gpm and will treat both wells 17 and 19. The chemical feed system will be replaced with flow controlled feed pumps to automatically adjust the feed rates based on flow. A 1,218 square foot building addition to the existing well house will be constructed to house the new radium removal facility. An existing dry well will be relocated due to the addition.	\$ 2,958,800	\$ 1,183,520	\$ 1,045,195.00 \$ 138,325.00 ¹	Completed

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
Montclair, Township of	Project # S340837-02. Rehabilitation of a 14,700 linear foot section of it's sanitary sewer system with an cured-in-place liner, relining 20 manholes and additional spot repairs. The repairs will take place in the Township, along sections of Clover Hill Place, Midland Avenue, Central Avenue, Valley Road, Edgemont Road and Walnut Avenue.	\$ 973,243	\$ 243,311	\$ 243,311.00	Completed
New Jersey Water SA	Project # S343054-08. Purchase parcels of open space land in Lebanon Township, Hunterdon County; Mount Olive Township, Morris County; and Mendham Township, Morris County. The NJWSA currently has approximately 2,740 acres of preserved open space, and an additional 316 acres are held in conservation easements.	\$ 2,001,940	\$ 500,485	\$ 500,485.00	Completed
North Hudson SA	Project # S340952-17 (PF). Repairs and replacement of equipment at two wastewater treatment plants (WWTPs) and site settlement repairs to continue to meet New Jersey Pollution Discharge Elimination System (NJPDES) permit limits and maximize flow to the WWTP's under wet weather conditions.	\$ 2,283,500	\$ 913,400	\$ 913,400.00	Completed
Northwest Bergen County UA	Project # S340700-09 (PF). Construction of approximately 5,200 linear feet of 8-inch gravity sanitary sewer, 1,600 linear feet of 10-inch gravity sewers, 10,430 linear feet of 8-inch ductile iron force main and a sewage pump station to serve several commercial and residential properties within the business district area of Franklin lakes. The proposed force main will be connected to an existing Northwest Bergen County Utilities Authority (NWBCUA) interceptor sewer located on Chapel Road in Mahwah.	\$ 5,127,721	\$ 2,051,088	\$ 2,051,088.00	Completed
Nutley, Township of	Project # 0716001-001. Replacement of 6,400 antiquated and malfunctioning water meters and retrofit 2,600 meter heads throughout the municipality with state-of-the-art Badger's Orion Technology Solutions water meters. All proposed new meters will be installed in existing chambers or buildings.	\$ 1,982,864	\$ 495,716	\$ 346,994.25 \$ 148,721.75 ¹	Completed
Ocean, County of	Project # S344080-01A. This project includes the purchase and delivery of 2 regenerative air sweepers, 1 dustless regenerative sweeper, and 1 Jet/Vac Truck to be used on the public right of ways in Ocean County, New Jersey.	\$ 1,192,030	\$ 298,007	\$ 293,551.00 \$ 4,456.00 ¹	Completed

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
Ocean County UA	Project # S340372-45/46/47 (PF). Rehabilitation of the structural and mechanical elements of the Central Water Pollution Control Facility(CWPCF)'s eight aeration tanks and two return sludge central wells. Deteriorated concrete will be removed and cracks will be grout injected to stop leakage. Electrical improvements will be implemented. The OCUA will demolish, remove and dispose of the existing aging mechanical elements. This work will occur within the existing footprint of existing structures or paved areas. Additionally, relining approximately 14,002 linear feet of 36 inch diameter pre-stressed concrete cylinder pipe (PCCP) and approximately 1,265 linear feet of plant drain yard piping and manhole rehabilitation as required. Rehabilitation to pumps, motor control flow measurement systems, emergency engines and generators, carbon scrubbers and various structural/ building improvements is also included.	\$ 10,726,024	\$ 4,181,505	\$ 4,181,505.00	Completed
Ocean, Township of	Project # S340112-02 (PF). Replacement of the existing 8-inch and 10-inch diameter asbestos cement pipe (ACP) sewer main with approximately 3,450 L.F. of 8-inch and 40 L.F. of 10-inch diameter PVC sewer main. The total 15 manholes, 50 building laterals, and other associated appurtenances will also be replaced. The existing sewer main will be removed and the new sewer main will be installed in the same trench. In addition, the street pavement will be reconstructed. There will be no change in the capacity of the sewer main on Tuscarora Avenue or an increase in the sewer service areas as a result of the proposed project.	\$ 843,434	\$ 337,373	\$ 337,373.00	Completed
Old Bridge MUA	Project # S340945-08/10/11 (PF). Construction of a 7,000 linear foot gravity interceptor sewer, consisting of 8, 12 and 15 inch diameter pipe and installation a Supervisory, Control and Data Acquisition System (SCADA) for the sewer division's 34 sewage pumping stations. The proposed system will use radio and computer telemetry to allow remote monitoring and control of the pump stations from a central control console at the Lawrence Harbor Base station or by lap top computer from any remote location. As well as, replacement of a collector sewer that services 86 homes along Summerfield, Shadyside, and Rowen Avenues. The current sewer pipe is installed along the toe of a failing slope making repair or replacement difficult. To provide service to the affected homes a new gravity collector sewer pump station and force main will be installed.	\$ 14,105,354	\$ 5,026,339	\$ 5,026,337.28	Completed
				\$ 1.72 ¹	

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
Pleasantville, City of	Project # S340752-01 (PF). Replace in-kind 2,500 linear feet of 8 inch terracotta/vitrified clay pipe with PVC pipe on Charles, Adams and Collins Avenues from Franklin Avenue to the bay. This project also includes the replacement of 88 laterals from the sanitary sewer main to the property line.	\$ 1,161,401	\$ 464,560	\$ 371,217.00 \$ 93,343.00 ¹	Completed
Pompton Lakes Borough MUA	Project # 1609001-006. Replacement of 6- inch water mains with new 8-inch cement-lined, ductile iron water mains. In addition, existing water services will be connected to the proposed new water mains, new valves and fire hydrants will be installed. The existing 6-inch water mains will be abandoned in place.	\$ 1,543,830	\$ 385,957	\$ 381,370.00 \$ 4,587.00 ¹	Completed
Princeton, Borough and Township of	Project # S340656-07A (PF). The proposed project is for the rehabilitation of sanitary sewers in the Borough of Princeton. The work is divided into four contracts consisting of the lining existing sewers in various locations in the Borough of Princeton ,spot repairs, and replacement of sanitary sewer laterals located in the right of way.	\$ 1,522,859	\$ 609,143	\$ 314,591.00 \$ 294,552.00 ¹	Completed
Princeton, Borough and Township of	Project # S340656-07B (PF). Rehabilitation of sanitary sewers in the Township of Princeton. The work is divided into two contracts consisting of the lining of existing sewers in Battle Road West and Battle Road Circe, Grover Avenue and Roper Road, spot repairs, and replacement of sanitary sewer laterals located in the right of way.	\$ 1,661,872	\$ 664,749	\$ 459,459.00 \$ 205,290.00 ¹	Completed
Raritan Township MUA	Project # S340485-06 (PF). Rehabilitation of the existing Robin Hill Pump Station and replacement of the existing force main. The project includes installation of proximately 700 linear feet of new 4-inch force main, a new building to house a new generator, and rehabilitation of the existing pump station with new pumps and new wet well.	\$ 1,071,357	\$ 428,543	\$ 412,609.00 \$ 15,934.00 ¹	Completed
Raritan Township MUA	Project # S340485-08. Installation of Supervisory Control Data Acquisition (SCADA) units at the Wastewater Treatment Plant (WWTP), located on Old York Road, at Pump Station Number1, located at Hart Boulevard and Route 202, and at the Route 31 Pump Station, located at Sand Hill Road and Route 31. Also, replacement of the existing blower system at the main WWTP.	\$ 1,501,120	\$ 375,280	\$ 373,409.00 \$ 1,871.00 ¹	Completed

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
Rockaway Valley RSA	Project # S340821-05 (PF). Replace existing screenings removal and grit removal equipment which has reached the end of its useful life; installing cover channels; providing odor control systems; installing new HVAC system; installing motorized operators on influent sluice gates; replacing all gas detection and oxygen monitoring instrumentation; replacing existing temporary truck dewatering pad with permanent structure; and replacing corroded piping.	\$ 4,076,615	\$ 1,630,646	\$ 1,630,646.00	Completed
Roselle, Borough of	Project # S340332-01 (PF). Rehabilitation of the existing sanitary sewer pipes and manholes which will include the cleaning and television inspection and lining of approximately 2.5 miles (13,200 linear feet) of clay sanitary sewer pipe main. Where lining is not an option due to pipe section collapses, in kind sanitary sewer pipe replacement within the existing trench box will be performed.	\$ 1,988,351	\$ 795,340	\$ 764,908.00 \$ 30,432.00 ¹	Completed
Seaside Park, Borough of	Project # S340083-02 (PF). Replacement of existing failing sewers located within the area west of Central Avenue ("Bayside") within the Borough of Seaside Park, Ocean County. Replacement will be accomplished with approximately 13,808 linear feet of 8 inch, 2,220 linear feet of 12 inch, 1,350 linear feet of 15 inch, and 1,690 linear feet of 18 inch PVC sanitary sewers, manholes, service connections and appurtenances.	\$ 2,358,973	\$ 943,589	\$ 943,589.00	Completed
Seaside Park, Borough of	Project # 1527001-002. Replacement of existing deteriorating water mains located west of Central Avenue, along the "bay-side" within the Borough of Seaside Park, Ocean County. Replacement will be accomplished with approximately 19,526 linear feet of 6 inch, 8 inch and 12 inch diameter ductile iron water mains, hydrants, service connections and appurtenances.	\$ 2,006,768	\$ 802,707	\$ 802,707.00	Completed
Stone Harbor, Borough of	Project # S340722-04 (PF). Replacement of existing sanitary sewers, stormwater collection, treatment and disposal improvements and the replacement of potable water mains.	\$ 3,795,443	\$ 1,518,177	\$ 1,308,552.00 \$ 209,625.00 ¹	Completed
Stone Harbor, Borough of	Project # 0510001-004/005. This project consists of the replacement of 4,900 linear feet of 4, 6 and 8-inch diameter water mains with 8-inch PVC mains and the replacement of 122 water services and appurtenances. As well as, the replacement of potable water mains, and the replacement of existing sanitary sewers, along with; stormwater collection, treatment and disposal improvements.	\$ 1,222,644	\$ 305,660	\$ 274,571.00 \$ 31,089.00 ¹	Completed

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
Weehawken, Township of	Project # S343077-01. Property acquisition consisting of reservoir, berm, and area to the property line. The property is approximately 14.53 acres and the reservoir is approximately 11 acres of open water and stores approximately 69 million gallons.	\$ 8,892,448	\$ 2,223,112	\$ 2,201,481.75 \$ 21,630.25 ¹	Completed
Willingboro MUA	Project # S340132-03 (PF). Re-construction and replacement of 23 existing storm water system outfalls in the Millbrook Park section of the Township totaling approximately 2,500 linear feet. This project will also provide stream bank stabilization at the locations of gabions and headwalls along Mill Creek.	\$ 1,229,000	\$ 491,600	\$ 491,600.00	Completed
Winslow, Township of	Project # 0436007-007 (PF). Construction of two radium removal treatment plants (RRTP), One at well No. 3, located on Patricia Lane, and the other at Well Nos. 7 and 9, located off of Cross Keys Road.	\$ 3,091,028	\$ 1,236,411	\$ 1,160,861.00 \$ 75,550.00 ¹	Completed
Total Project Disbursements				\$ 68,382,484.03	
Total Funds Applied to Loan Repayments/Defeasances				\$ 2,760,273.97	
TOTAL		\$ 216,133,958	\$ 71,142,758 ^A	\$ 71,142,758.00 ^B	\$ - ^C

¹ Unexpended funds applied to either loan repayments or defeasances.

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Exhibit H13
Green Bond Report

New Jersey Infrastructure Bank Environmental Infrastructure Refunding Bonds - Series 2020C-R2 (refunding of 2012B Financing Program)

Refunding Bond Sale Date: June 7, 2020

ORIGINAL BONDS		REFUNDED BONDS	
2012B Bond Par Amount	\$ 20,490,000	Refunding Bond Par Amount	\$ 12,440,000
Net Premium (priced at 112.965)	\$ 2,656,623	Net Premium (priced at 112.490)	\$ 1,553,801
Net Bond Proceeds	\$ 23,146,623	Net Refunding Bond Proceeds	\$ 13,993,801
Project Fund Exclusions (Capitalized Int., Fees and COI)	\$ (979,554)	Remaining Project Account Funds	\$ -
2012B Bond Proceeds Available for Projects	\$ 22,167,070	Total Refunding Bond Proceeds	\$ 13,993,801
Interest Earned on Proceeds in Project Accounts	\$ 730	Refunding Escrow Deposit	\$ (13,805,029)
Total Available for 2012B Projects	\$ 22,167,800	Underwriter's Discount and COI	\$ (188,772)
		Net Bond Proceeds Remaining	\$ -
<u>Refunding Participants</u>			
Total Project Disbursements	\$ (22,017,891)		
Total Funds Applied to Loan Repayments/Defeasances	\$ (149,909)		
Unexpended Excess Funds Applied to Refunding	\$ -		
Project Funds Disbursed to Date	\$ (22,167,800) ^B		
<u>Non-Refunding Participants</u>			
Total Project Disbursements	\$ -		
Total Funds Applied to Loan Repayments/Defeasances	\$ -		
Project Funds Disbursed to Date	\$ -		
<u>Bond Proceeds Remaining</u>			
Refunding Projects	\$ - ^C		
Non-Refunding Projects	\$ -		
Total	\$ 0		

Project Expenses as of 3/31/21:

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
Aqua New Jersey, Incorporated	Project # 1505002-001/2119001-007/0415002-007 (PF). The Rehabilitation of existing water mains, service lines and valves within the Berkeley Township, Pohatcong and Gloucester Township Systems, respectively.	\$ 2,137,541	\$ 855,016	\$ 840,245.00 \$ 14,771.00 ¹	Completed
Middlesex Water Company	Project # 1225001-013. This project involves cleaning/relining and spot replacement of water mains, hydrants, service lines, and valves. Approximately forty five thousand feet of 6, 8, 10 and 12-inch diameter water mains will be relined.	\$ 3,946,666	\$ 986,666	\$ 986,666.00	Completed
New Jersey American Water Company	Project # 0323001-002. Construction of an 840 KW dc solar array at the New Jersey American Water Company's (NJAWC) Manfield Water Treatment Facility to provide electricity for treatment operations.	\$ 6,034,685	\$ 1,508,671	\$ 1,389,315.00 \$ 119,356.00 ¹	Completed
New Jersey American Water Company	Project # 0712001-005 (PF). The Canoe Brook WTP has clarification deficiencies, particularly with the removal of high concentrations of algae in the late summer. This project includes a number of water treatment processes and infrastructure deficiencies that must be addressed in order to meet water quality regulations.	\$ 66,186,789	\$ 18,046,697	\$ 18,046,697.00	Completed

<u>Borrower</u>	<u>Project Description/Environmental Impact</u>	<u>Total Project Cost</u>	<u>Total Project Financing by Bonds</u>	<u>Bond Proceed Disbursements for Projects</u>	<u>Bond Proceeds Remaining for Projects</u>
New Jersey Water Supply Authority	Project # 1352005-004. Construction of a building structure over the existing Intake Pumping Station. Removal of the existing structure that covers the five intake pumps. Construction of a masonry structure that will cover the five intake pumps as well as the eight traveling water screens.	\$ 3,083,000	\$ 770,750	\$ 754,968.00 \$ 15,782.00	Completed
Total Project Disbursements				\$ 22,017,891.00	
Total Funds Applied to Loan Repayments/Defeasances				\$ 149,909.00	
TOTAL		\$ 81,388,681	\$ 22,167,800 ^A	\$ 22,167,800.00 ^B	\$ - ^C

¹ Unexpended funds applied to either loan repayments or defeasances.

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