New Jersey's Water Bank Financing Program

Proposed Amendments to the
Final Drinking Water Intended Use Plan
for
Federal Fiscal Year 2022
(and State Fiscal Year 2023)
DWSRF Base
DWSRF General Supplemental
DWSRF Emerging Contaminants
DWSRF Lead Service Line Replacement

New Jersey Department of Environmental Protection
Water Resource Management
Division of Water Supply and Geoscience
Water System Operations Element

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Proposed Amendments to the Final Drinking Water State Revolving Fund Intended Use Plan for Federal Fiscal Year 2022 (And State Fiscal Year 2023)

DWSRF Base, DWSRF General Supplemental, DWSRF Emerging Contaminants, and DWSRF Lead Line Replacement

To qualify for annual State Revolving Fund (SRF) capitalization grants from US Environmental Protection Agency (USEPA), New Jersey Water Bank, a partnership between the New Jersey Department of Environmental Protection (DEP or Department) and the New Jersey Infrastructure Bank (I-Bank), must develop the Drinking Water Intended Use Plan (IUP). The IUP provides information on how funds, available through the Water Bank, will be used to provide financial assistance for drinking water projects and identifies State policies governing funding awards.

For Federal Fiscal Year (FFY) 2022 funds, which corresponds with State Fiscal Year (SFY) 2023, DEP plans to utilize **$5 million in unallocated principal forgiveness** or grant like funding **carried over at the end of SFY 2022** as principal forgiveness in SFY 2023 for categories set forth in this IUP. The Department will supplement the carried over principal forgiveness funds with approximately **$6 million projected to be available under the FFY 2022 Drinking Water (DW) SRF Base grant** from USEPA (DW Base FFY22). In additional to the FFY 2022 DW Base grant, the Department will receive authority to award approximately $53 million in additional principal forgiveness made available by the BIL, signed by President Joe Biden on November 15, 2021. The BIL will provide principal forgiveness of approximately **$15 million for eligible drinking water projects** under the FFY 2022 DWSRF General Supplemental grant (DW BIL GEN) and approximately **$13 million for projects that address emerging contaminants** under the FFY 2022 DWSRF Emerging Contaminants grant (DW BIL EC) and approximately **$25 million for projects that reduce to the risk of lead in drinking water** through lead service line replacement (LSLR) projects (DW BIL LSLR). The Department will also be transferring approximately **$4 million in funds and principal forgiveness** under the FFY 2022 CWSRF Emerging Contaminants grant (CW BIL EC) to the Drinking Water SRF (DWSRF) **for projects that address emerging contaminants**. In addition to SRF funds, the Department will allocate $45 million of American Rescue Plan Act (ARPA) funds to provide principal forgiveness loans to applicants sponsoring projects that address climate change concerns and to ensure long-term drinking water resilience in New Jersey or projects for the installation of treatment to address multiple Maximum Contaminant Level (MCL) violations at one system.

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

As a result of the increased funding, the Department is also increasing the annual cap per applicant of $25 million and raising it to $40 million for SFY 2023 as part of these amendments. The program is in a position to increase the cap due to fund conservation measures implemented over the past several years, continued support from annual state appropriations, and increased federal funding from the Bipartisan Infrastructure Law. The increased cap will address concerns and comments recently received from DWSRF project sponsors with high annual funding needs.

As noted in the table below, the Water Bank will have over $560 million available to fund drinking water projects in SFY 2023. See the Sources and Use of Funds table on page 24 and 25 for further details.

SFY2023 Drinking Water Principal Forgiveness			
Principal Forgiveness Sources	**Principal Forgiveness Amount**	**Principal Forgiveness Uses**	**Principal Forgiveness Amount**
DW Base FFY22/FFY21 Carryover	$ 11,000,000	Nano (serving 10,000 or less)	$ 8,000,000
		Very Small Water System	$ 3,000,000
ARPA Funds	$ 45,000,000	Climate Change/Resilience or Multiple MCLs (ARPA)	$ 45,000,000
DW BIL GEN	$ 15,000,000	Lead Line Replacement	$ 25,000,000
DW BIL EC	$ 13,000,000	Emerging Contaminants*	$ 13,000,000
CW BIL EC (transfer)	$ 4,000,000	Emerging Contaminants (CWSRF Transfer)	$ 4,000,000
DW BIL LSLR	$ 25,000,000	High Rank Affordability	$ 5,000,000
		Additional PFAS/Lead PF	$ 10,000,000
Total:	**$ 113,000,000**	**Total:**	**$ 113,000,000**

** 25% or approximately $4M reserved for small systems serving fewer than 25,000 or those that meet NJ's Affordability Criteria*

Executive Summary

Protecting and enhancing New Jersey's water quality and water infrastructure is vital to the State's health and economy. While often taken for granted, significant planning and investment is required to sustain and improve New Jersey's aging infrastructure systems. That cost often exceeds the capabilities of public water systems.

Established in 1988, the Water Bank is a partnership between the DEP and the I-Bank to provide low-cost financing for the design, construction, and implementation of projects that help to protect, maintain and improve water quality. The Water Bank administers New Jersey's Clean Water State Revolving Fund (CWSRF) and Drinking Water State Revolving Fund (DWSRF) under the federal Clean Water Act and Safe Drinking Water Act, respectively. The State Revolving Fund (SRF) is a revolving/self-perpetuating loan program, in that SRF loan repayments are committed to finance future projects in perpetuity.

The priorities and policies of the Water Bank are established in the Intended Use Plans (IUPs). The Priority System/IUP document must be developed annually, undergo a public participation process and be approved by the US Environmental Protection Agency (USEPA) for the State to qualify for SRF capitalization grants to support the Water Bank. This Federal Fiscal Year (FFY) 2022/State Fiscal Year (SFY) 2023 provides information on how drinking water funds, available through the DEP and the I-Bank, will be used to provide financial assistance for drinking water projects and identifies State policies governing loan awards. Projects eligible for financing include a wide variety of drinking water treatment, including projects to address lead exposure in drinking water, violations of the maximum contaminant levels, unregulated contaminants, acute health effects (e.g. Surface Water Treatment Rule requirements).

In SFY2023, the Water Bank will continue to offer very attractive low-cost financing packages, including principal forgiveness (or grant-like funding), interest-free loans, and low interest loans for projects as described in further detail below. Note that the long-term funding packages outlined in this Intended Use Plan are subject to appropriation of funds by the State of New Jersey.

PROGRAM HIGHLIGHTS FOR SFY2023!

American Rescue Plan Act (ARPA) Funds:

New Jersey's SFY 2023 budget allocates $300 million of ARPA funds to the Department to make transformative investments in critical water infrastructure upgrades. After a 1% administrative set-aside, the Department will use approximately $45 million of the allocation to make principal forgiveness loans to certain Drinking Water SRF eligible projects to address climate change and resilience or project to address multiple maximum contaminant level violations as described in further detail below. The ARPA funds must be allocated to projects through funding agreements executed before December 31, 2024, and all funds must be disbursed to project sponsors by December 31, 2026. Therefore, these funds will be awarded to eligible drinking water projects on a readiness to proceed basis.

Additionally, the Department will use approximately $248 million of this budget allocation to make principal forgiveness loans to applicants sponsoring eligible Combined Sewer Overflow (CSO) projects listed on CSO Long Term Control Plans (LTCP) submitted to the Department as described in the Amended SFY 2023 Clean Water State Revolving Fund Intended Use Plan. The remaining funds of approximately $5 million will be routed through the Department's Site Remediation Program and reserved to address contaminants in private residential wells.

The Department held an outreach session on August 17, 2022, to receive feedback from various municipalities throughout the State on potential funding packages and infrastructure needs.

Bipartisan Infrastructure Law Funds:

In State Fiscal Year (SFY) 2023, hundreds of millions of dollars will be available for communities and utilities through the Water Infrastructure Investment Plan (WIIP). The WIIP is designed to support investments in upgrading water infrastructure throughout the State thanks to the federal Infrastructure Investment and Jobs Act (IIJA), a/k/a the Bipartisan Infrastructure Law (BIL) and continued state investments by Governor Phil Murphy and our State Legislature.

On November 15, 2021, President Joe Biden signed the BIL, which DEP estimates could provide nearly $1 billion in funding over the next five years to New Jersey's Clean Water and Drinking Water SRFs. For SFY 2023, New Jersey's SRFs have been allocated a total of $169,538,000, which includes $77,551,000 for the Clean Water SRF and $91,987,000 for the Drinking Water SRF. The Department held outreach sessions in January 2022 to receive feedback from various municipalities throughout the State on potential funding packages and infrastructure needs.

The Department will exercise the option to transfer the $3,821,000 from the Clean Water Emerging Contaminants allocation to the DW SRF in SFY 2023 to be used for projects that address emerging contaminants in drinking water.

Enhanced Assistance to Environmental Justice and Disadvantaged Communities:

Historically, New Jersey's low-income communities and communities of color have been subject to a disproportionately high number of environmental and public health stressors, including pollution from numerous industrial, commercial, and governmental facilities located in those communities and, as a result, suffer from increased adverse health effects including, but not limited to, asthma, cancer, elevated blood lead levels, cardiovascular disease, and developmental disorders.

Signed into law by Governor Phil Murphy on September 18, 2020, New Jersey's groundbreaking Environmental Justice Law, N.J.S.A. 13:1D-157, (Law) requires the New Jersey Department of Environmental Protection (NJDEP) to evaluate the contributions of certain facilities to existing

environmental and public health stressors in overburdened communities when reviewing certain permit applications. The law also directs the NJDEP to publish a list of overburdened communities and provide notice to the 331 municipalities in which those communities are located.

NJ Water Bank has revised the Affordability Criteria to better align the Clean Water Affordability Criteria with the Drinking Water Disadvantaged Community criteria and the Environmental Justice Law's economic criteria for overburdened communities.

For projects sponsored by borrowers that meet the Drinking Water Affordability Criteria (see Appendix 3), the DWSRF will set aside principal forgiveness for eligible drinking water projects for emerging contaminants, lead service line replacement and other high priority projects as described in further detail below.

Climate Change:

New Jersey is already experiencing many of the impacts of climate change such as increasing temperatures, rising sea levels, and more frequent and intense storms. In July 2019, Governor Murphy signed into law amendments to the Global Warming Response Act (GWRA) reaffirming New Jersey's commitment to climate action. First passed in 2007 and since amended to enhance the state's response, the GWRA introduced a fixed goal of reducing greenhouse gas emissions by 80% from their 2006 levels by 2050.

The Department is developing new Infrastructure Resilience and Best Practices Guidance which will establish standards which will be required elements for new projects seeking State funding under the Water Bank. The Water Bank will also be informed by data in the following reports and documents in developing the Infrastructure Resilience Guidance and in evaluating the technical, environmental, and financial feasibility of proposed projects:

2020 New Jersey Scientific Report on Climate Change
Sea Level Rise Guidance for New Jersey
State of New Jersey Climate Change Resilience Strategy

Projects implementing climate resilience measures will receive 150 priority ranking points if the resilience components represent a significant amount of the overall project activities. Resilience measures for drinking water infrastructure projects must apply the best available and most geographically relevant climate information, projections, and standards.

Water Bank funding is available for a wide range of climate resilience projects related to drinking water infrastructure including:

- Relocation/elevation of certain assets or entire facility above current/projected flood stage
- Installation of flood attenuation, diversion, or retention infrastructure within or beyond the footprint of a treatment works that protects the treatment works including floodwater channels/culverts, green infrastructure, and natural systems capable of mitigating a storm surge (e.g., barrier beach and dune systems, tidal wetlands, and living shorelines)
- Saltwater resistant equipment/components
- Backup generators and fuel transport and storage tanks
- Portable pumps
- Physical hardening of electrical systems/equipment
- Dry floodproofing of structures
- Installation of redundant equipment/components

Build America Buy America Act (BABA):

Congress passed BABA in 2021 concurrently with the BIL. For SRF recipients, BABA expands existing American Iron and Steel (AIS) domestic preference requirements to include construction materials and manufactured products. The Department recognizes this is a new and complex provision, and we will work closely with project sponsors and the USEPA to provide appropriate guidance, technical assistance, and training.

Enhanced Technical Assistance

As part of the additional federal funds received through the BIL, New Jersey intends to expand technical assistance (currently directed at small systems) to public water systems, including disadvantaged communities that meet NJ's Affordability Criteria in Appendix 3.

SFY23 Funding Packages (Long-Term Loans)

Drinking Water Categories	DEP Share***	I-Bank Share***
Climate Change/Resilience or Projects to comply with Multiple MCLs (ARPA)*	**80% PF** **10% Interest Free Loan**	**10%** **AAA Market Rate Loan**
Affordability**	**75%** (Minimum) Interest Free Loan and Principal Forgiveness	**25%** (Maximum) AAA Market Interest Rate Loan
Base DWSRF – Public	**50%** Interest Free Loan	**50%** AAA Market Interest Rate Loan
Base DWSRF – Investor-owned	**25%** Interest Free Loan	**75%** AAA Market Interest Rate Loan

*Total project costs capped at $25 million. Costs in excess of cap may be financed under the Base DWSRF package.
**Costs in excess of $10 million will be financed under the Base DWSRF package.
***I-Bank share may be higher and DEP share lower if I-Bank is able to source below market interest rate funds through the Water Infrastructure Finance and Innovation Act (WIFIA) from USEPA. The effective interest rate will be no greater than would have resulted from financing with I-Bank's AAA bond funds at market interest rates and Department interest-free loan funds at shares shown in table.

SFY23 Principal Forgiveness (PF) Opportunities

Drinking Water PF	Principal Forgiveness Share	Principal Forgiveness Cap per Applicant	Projected Amount of PF Available
Nano (serving ≤ 10,000 customers)	50%	$500,000	$8M
Very Small Water System (serving ≤1,000 customers)	100%	$750,000	$3M
Lead Line Replacement	50%	$5M	$25M**
Emerging Contaminants* (including PFAS)	100%	$1M	$17M**
High Rank Affordability Projects	100%	$1M	$5M
General Supplemental PF* (Lead or PFAS)	Per above	Per above	$10M
Climate Change/Resilience or Projects to comply with Multiple MCLs (ARPA)	80%	$20M	$45M

* This total includes the transfer the $3,821,000 from the Clean Water Emerging Contaminants allocation to the DW SRF in SFY 2023 to be used for projects that address emerging contaminants in drinking water.

** Once the principal forgiveness funds for emerging contaminants ($13 million) and lead line replacement ($25 million) have been allocated to higher ranked projects, $10 million in principal forgiveness from the DWSRF Supplemental Funds will be directed in priority ranked order to qualifying lead or PFAS projects in other disadvantaged communities that meet NJ's affordability criteria in Appendix 3.

Program Goals

Short-term:

- Provide funding to necessary, construction ready, highly ranked drinking water capital improvement projects.
- Incorporate resilience guidance using the best available and most geographically relevant climate information, projections, and standards in evaluating the technical, environmental, and financial feasibility of proposed projects.
- Provide DWSRF financial incentives and technical assistance to disadvantaged communities with the goal of meeting the Justice40, government-wide initiative to facilitate the delivery of 40 percent of overall benefits of relevant federal investments to disadvantaged communities.

Long-term:

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

Construction of Storage Tanks at the Jackson Twp. MUA

Drinking Water Borrower Eligibility

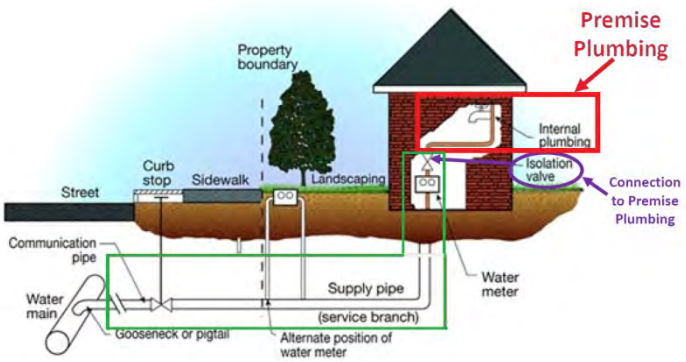
Public community water systems, both privately and publicly-owned, and nonprofit noncommunity water systems (as defined by the National Primary Drinking Water Regulations) are eligible for Water Bank assistance. Public community water systems owned by water commissions, water supply authorities, and water districts are also eligible. Federally owned systems and State-owned systems (State agencies, such as State Police, Parks and Forestry, and Corrections) are not eligible to receive Water Bank assistance. Project sponsors must satisfy the I-Bank and State of New Jersey creditworthiness standards to receive funding.

Drilling of a Drinking Water Well at the Berkeley Twp. MUA

Drinking Water Project Eligibility

The main objective of drinking water funding is to protect the public health in conformance with the objectives of the Safe Drinking Water Act. Types of eligible projects include:

- Projects to maintain compliance with existing regulations for contaminants with acute health effects (e.g. Surface Water Treatment Rule, Revised Total Coliform Rule) and existing regulations for contaminants with chronic health effects (e.g. Lead and Copper Rule)
- Full lead service lines replacement by eligible systems, with priority given to water systems that have exceeded the lead action level. Eligible water systems that do not exceed the lead action level but want to replace lead pipes in communities that meet New Jersey's Affordability Criteria in Appendix 3 are eligible for principal forgiveness in ranked order.
- Treatment of unregulated contaminants (contaminants that are currently not regulated under the SDWA rules, including contaminants of emerging concern for which there is no drinking water standard)
- Rehabilitate or develop sources to replace contaminated sources
- Treatment facilities
- Storage facilities
- Transmission and distribution pipes, including lead service line location and replacement, regardless of whether the system has ownership of the pipe



Drinking water service line eligible up to the isolation valve

- Projects that address the exceedance of a recommended upper limit for secondary contaminants.
- Purchase or consolidation (i.e., restructure) of a water system that is unable to maintain compliance for technical, financial, or managerial reasons
- Emergency Repair Projects that have been reported to the NJDEP Hotline to replace, in kind, the failure of an essential portion of a public water system that will disrupt water service to any number of the public water system's customers for a minimum of 24 hours total and/or poses a substantial threat to the public health, safety, and welfare. Replacement must be in kind or parallel such that there is no potential environmental impact to the surrounding project area. A record of NJDEP Hotline contact is required to maintain project eligibility.
- Security Monitoring projects designed to improve security at otherwise funding-eligible drinking water facilities are eligible for funding, including but not limited to:
    - Fencing
    - Lighting
    - Motion detectors
    - Cameras
    - Secure doors
    - Alternative auxiliary power sources
    - Cybersecurity
- Climate Resilience for Drinking Water Infrastructure
    - Relocation/elevation of certain assets or entire facility above current/projected flood stage

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

Asset Management Plans

Projects to develop and implement asset management plans (AMP) are eligible for financing for all public community water systems regardless of if they are subject to the requirements of the Water Quality Accountability Act. The AMP loans must be rolled into a Water Bank capital improvement project or repaid in 2 years. Long-term financing terms are established consistent with the Intended Use Plan operative at the time of certification of the construction contract(s).
NJDEP Asset Management Program (www.nj.gov/dep/assetmanagement/)
NJDEP Asset Management Guidance and Best Practice
(www.nj.gov/dep/watersupply/pdf/guidance-amp.pdf)

Planning & Design Loans

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

FFY2022 Funding Packages (Long-Term Loans)

Principal Forgiveness Funds

The DEP expects to use the maximum amount available for principal forgiveness utilizing SRF monies subject to federal restrictions. The Department plans to utilize any **unallocated principal** forgiveness or grant like funding carried over at the end of SFY 2022 as principal forgiveness in SFY 2023 for categories set forth in this IUP. The Department will supplement the carried over principal forgiveness funds with approximately $11 million projected to be available under the FFY 2022 DWSRF Base grant from USEPA (DW Base FFY22). In addition to the FFY 2022 DW Base grant, the Department will receive authority to award approximately $53 million in additional principal forgiveness made available by the Bipartisan Infrastructure Law (BIL) signed by President Joe Biden on November 15, 2021. The BIL will provide principal forgiveness of approximately $15 million for eligible drinking water projects under the FFY 2022 DWSRF General Supplemental grant (DW BIL GEN) and approximately $13 million for projects that address emerging contaminants under the FFY 2022 DWSRF Emerging Contaminants grant (DW BIL EC)

and approximately $25 million for projects that address lead in drinking water (DW BIL LSLR). The Department will also transfer approximately $4 million in funds and principal forgiveness authority for projects that address emerging contaminants under the FFY 2022 CWSRF Emerging Contaminants grant to the Drinking Water SRF (DWSRF). Funds and principal forgiveness authority available from the grant awards will be blended with carryover principal forgiveness authority from prior grants (DW Base Prior), DWSRF repayments and state match funds, other sources of DWSRF funds to provide funding to eligible projects.

In addition to the Drinking Water State Revolving Fund principal forgiveness described above, $45 million of American Rescue Plan Act (ARPA) funds allocated to the Department in SFY 2023 for water infrastructure will be used to provide principal forgiveness loans to eligible drinking water applicants in communities that meet the affordability criteria in Appendix 3. Eligible applicants must be sponsoring capital improvement projects that address climate change or provide for public health protection from multiple contaminants as listed below. In the event that a sufficient number of projects are not able to proceed to contract award and project certification by December 31, 2024 to utilize the entire amount of Drinking Water ARPA allocation, the Department may use the remaining ARPA funds to finance portions of other principal forgiveness loan funding packages described in this Intended Use Plan.

In addition to the SRF, the DEP may increase any amounts identified in the IUP reserved for principal forgiveness and adjust any caps if additional SRF or non-SRF funds (including Natural Resource Damages (NRD) recovered by the State and Corporate Business Tax (CBT)-diesel funds) or subsidized financing received for eligible large dollar-value projects in coordination with the Water Infrastructure Finance and Innovation Act (WIFIA) to supplement principal forgiveness or low-cost loan funding. In addition, the DEP may bank any non-SRF financing towards future State Match requirements subject to EPA approval.

Nano Loan Program (water systems serving 10,000 or less)

In SFY2023, systems serving 10,000 or fewer customers will continue to be funded in ranked order with the available $4 million principal forgiveness and approximately $4 million in principal forgiveness from previous years, subject to any State and federal limitations. These loans consist of principal forgiveness financing for 50% of project costs and a loan with a Blended Interest Rate of 50% of I-Bank's AAA Market Interest Rate for 50% of project costs. Projects are capped at $1 million. Additional financing is available at the applicable base rates for amounts greater than the $1 million cap. These projects are selected based on priority ranked order. In addition, the DEP intends to prioritize projects that have secured federal/non-profit grants to be leveraged with SRF funding.

Drinking Water PF	Principal Forgiveness Share	Principal Forgiveness Cap per Applicant	Projected Amount of PF Available
Nano (serving ≤ 10,000 customers)	50%	$500,000	$8M

Example Project: A $2M tank rehabilitation project in a small privately owned community serving a population of 3,000 that does not meet the Affordability Criteria outlined in Appendix 3.

Project Costs	Principal Forgiveness	DEP Loan (0%)	I-Bank Loan (AAA Market Rate)
First $1M	$500,000	$250,000	$250,000
Last $1M	$0M	$500,000	$500,000
Total ($2M)	$500,000	$750,000	$750,000

Example Project: A $2 million tank rehabilitation project in a small publicly-owned disadvantaged community serving a population of 3,000 that meets the Affordability Criteria outlined in Appendix 3.

Project Costs	Principal Forgiveness	DEP Loan (0%)	I-Bank Loan (AAA Market Rate)
First $1M (Nano)	$500,000	$250,000	$250,000
Last $1M (Affordability)	$0M	$750,000	$250,000
Total ($2M)	$500,000	$1M	$500,000

Very Small Water System Program (water systems serving 1,000 or less)

In SFY2023, a total of $5 million is being made available for programs directed at small systems serving a population of 1,000 or less. This includes $3 million in appropriations set aside for water system that are participating in technical assistance programs, including Community Engineering Corp and the Engineering Contract with New Jersey Water Association (NJWA). These programs identify water systems that need assistance to come into compliance with federal and State drinking water regulations and partner the systems with engineering services needed for a Water Bank Loan. Planning and design services, including permitting and the submittal of the Environmental Decision Document, are typically covered to help water systems that do not have funds to cover the upfront costs. Once planning and design is completed, loans will be offered as 100% principal forgiveness, capped at $750,000 per water system (PWSID)/per year. The DEP will not charge permit fees to these small systems. Through the $3M in appropriations, small water systems that do not meet credit eligibility requirements of the Water Bank Financing Program credit policy to qualify for a loan may be provided with direct grants. This is necessary to protect public health in these small systems where financial constraints limit the ability of these water systems to move forward with critical repairs or treatment projects.

Drinking Water PF/Grant	**Grant/Principal Forgiveness Share**	**Grant/Principal Forgiveness Cap per Applicant**	**Projected Amount of PF Available***
Very Small Water System (serving ≤ 1,000 customers)	100%	$750,000	$2M

* Does not include $3M appropriation available for direct grants

Example Project: A $500,000 project to provide arsenic treatment for a very small community water system serving a population of 200 that was provided with technical assistance through the Engineering Contract with NJWA.

Project Costs	Principal Forgiveness	DEP Loan (0%)	I-Bank Loan (AAA Market Rate)
First $500,000	$500,000	$0M	$0M
Total ($500,000)	$500,000	$0M	$0M

Bipartisan Infrastructure Law (BIL)

On November 15, 2021, President Joe Biden signed the Bipartisan Infrastructure Law (BIL) which will provide nearly $1 billion in funding over the next five years to New Jersey's Clean Water and Drinking Water SRFs. For SFY 2023, New Jersey's SRFs have been allocated nearly $169 million, $76 million for the Clean Water SRF and $93 million for the Drinking Water SRF. The SFY 2023/FFY 2022 Drinking Water SRF BIL funds are expected to be awarded in three separate capitalization grants, one in the amount of approximately $31 million to be used for any eligible drinking water project, one in the amount of approximately $49 million for projects to address lead in drinking water and the other for approximately $13 million to be used for projects that address emerging contaminants.

Lead ($49 M with $25M in Principal Forgiveness)

The existence of lead service lines in some of our aging drinking water infrastructure poses potential risk to public health. This risk can be significantly reduced through the identification and replacement of lead service lines or through the installation of corrosion control treatment.

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

For SFY2023, the BIL provides $49 million for projects to address lead in drinking water. At least 49% (or approximately $25M) must be used as principal forgiveness. Loans to eligible water systems will be offered as up to 50% of total project costs in principal forgiveness capped at $5 million per applicant/per year. Up to $10 million of allowable project costs above the project caps may be financed at the affordability rate (blended interest rate of 25% of the I-Bank's 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.

Publicly-owned and privately (investor)-owned water systems are eligible for principal forgiveness if the project is located in a municipality that meets New Jersey's Affordability Criteria outlined in Appendix 3. Priority ranking points will be given to water systems that currently have an open lead action level exceedance and those that meet the overburdened community criteria in Appendix 3. Water systems that do not exceed the lead action level but want to replace lead pipes are eligible for principal forgiveness in ranked order.

Criteria for receiving a Water bank loan for LSL replacement

The following criteria must be met for the project to be eligible for Water bank loans:

- Be able to document the presence of lead service lines and components through historic records that the lines to be replaced are lead. Acceptable records include information on the age of the houses and high probability of lead lines and components being present, line installation records, etc.
- Provide an LSL Replacement Plan consistent with the requirements of P.L.2021, Ch. 183, and Capital Improvement Plan to establish a strategy for lead line replacement that complies with all federal and State requirements.
- Partial lead line replacements are not eligible for funding and prohibited under the recent legislation P.L.2021, Ch.183. Note that if the replacement of only a portion of the service line results in a full replacement of all lead lines, galvanized lines, or components, it is considered a full replacement eligible for funding through DWSRF.
- Principal forgiveness shall be utilized to address the cost-share of the property owner as applicable.

Drinking Water PF	Principal Forgiveness Share	Principal Forgiveness Cap per Applicant	Projected Amount of PF Available
Lead Line Replacement	50%	$5M	$25M

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

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

Emerging Contaminants (Total $13M all in Principal Forgiveness)

The BIL allots $13 million to provide principal forgiveness loans for drinking water projects that primarily address emerging contaminants, including PFAS. The Department will also transfer approximately $4 million in funds and principal forgiveness authority for projects that address emerging contaminants under the FFY 2022 CWSRF Emerging Contaminants

grant to the Drinking Water SRF (DWSRF). At least 25% (or approximately $4M) will be awarded to disadvantaged communities that meet NJ's Affordability Criteria in Appendix 3 or public water systems serving a population of fewer than 25,000. There is a $1 million cap of principal forgiveness per applicant in SFY23. Project sponsors are eligible to receive principal forgiveness for up to 100% of the first $1 million of allowable costs and loan funding at the applicable base rate for the balance of costs up to the $40 million per applicant/per year cap.

Drinking Water PF	Principal Forgiveness Share	Principal Forgiveness Cap per Applicant	Projected Amount of PF Available
Emerging Contaminants (including PFAS)	100%	$1M	$17M

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

State Recovery and Reuse of SRF Funds Applied to PFAS Contamination

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

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

Likewise, payment of any SRF authorized financial assistance by the New Jersey will be subject to the State's right to acquire by subrogation the rights, claims and causes of action

of the Recipient to recover those SRF funds paid to Recipient, with interest, administrative costs, and attorneys' fees and costs incurred by the State by reason of such claim, from those persons that caused or contributed to such PFAS Contamination, and Recipients will be required to reasonably cooperate with the State in any such action.

Example Project - A $5M PFAS Project for a small publicly-owned community that serves less than 25,000 people and does not meet NJ's Affordability Criteria in Appendix 3.

Project Costs	Principal Forgiveness	DEP Loan (0%)	I-Bank Loan (AAA Market Rate)
First $1M	$1M	$0M	$0M
Remaining $4M	$0M	$2M	$2M
Total ($5M)	$1M	$2M	$2M

GENERAL BIL ($31M with $15M in Principal Forgiveness)

The DEP recognizes that the estimated costs to fund critical infrastructure, including the replacement of lead service lines and the addition of treatment for emerging contaminants, exceeds the available funds. Therefore, the DEP is reserving $10 million of the $15 million allotted by the BIL for any eligible project to provide principal forgiveness to additional projects to address emerging contaminants or lead to assist water systems in complying with State and federal requirements. Once the principal forgiveness funds for emerging contaminants ($13 million) and lead line replacement ($25 million) have been allocated to higher ranked projects, the additional $10 million will be directed in priority ranked order to qualifying lead or PFAS projects in other disadvantaged communities that meet NJ's affordability criteria in Appendix 3.

The remaining $5 million of general BIL principal forgiveness for any eligible project will be made available for projects, other than those to address emerging contaminants or lead, that meet the drinking water affordability criteria in SFY23 in Appendix 3. There is a $1 million cap of principal forgiveness per applicant in SFY23. Principal forgiveness funds will be allocated to Affordability projects within the fundable range on a readiness to proceed basis. Project sponsors are eligible to receive principal forgiveness for up to 100% of allowable costs for the first $1 million of allowable projects costs and loan funding at the affordability rate, as described below, for the next $10 million of allowable project costs. Project costs over $10 million will receive loan funding at the Base DWSRF rate up to specified project caps.

Drinking Water PF	**Blended Interest Rate I-Bank/DEP**	**Principal Forgiveness Cap per Applicant**	**Projected Amount of PF Available**
Lead/PFAS	50% (lead) 100% (PFAS)	$5M (lead) $1M (PFAS)	$10M
High Rank Affordability	100%	$1M	$5M

American Rescue Plan Act (ARPA) Funds

The DEP is allocating $45 million in ARPA funds to help off-set the substantial costs communities face to implement projects to address climate change concerns and resilience for years to come. This includes projects for the rehabilitation of essential desalinization or relocation of critical infrastructure due to the potential for flooding. Projects that provide treatment to comply with the maximum contaminant levels for multiple contaminant groups are also eligible due to the potential risks to public health. This includes treatment for PFAS where the design also includes the construction of other treatment unit processes to comply with existing MCLs for other contaminants such as radiological contaminants or arsenic. The DEP is reserving funds and providing principal forgiveness loans for projects that meet the criteria above in disadvantaged communities that meet the Department's affordability criteria in Appendix 3. The DEP will use ARPA funds to provide project sponsors principal forgiveness loans for up to 80% of allowable costs and low interest loan funding with a blended interest rate of 50% of the I-Bank AAA Market Interest Rate for the balance of allowable project costs. Principal forgiveness will be allocated on a readiness to proceed basis in this category and capped at 80% of allowable costs up to $20 million due to the high costs associated with these projects.

Drinking Water PF	Principal Forgiveness Share	Principal Forgiveness Cap per Applicant	Projected Amount of PF Available
ARPA	80%	$20M	$45M

AFFORDABILITY FUNDING PACKAGE

Public water systems that serve disadvantaged communities, as defined by NJ's Affordability Criteria in Appendix 3, are also eligible for loan rates offered under the affordability funding package. The publicly-owned and privately-owned water systems serving these communities will receive a funding package with a Blended Interest Rate of 25% of I-Bank's AAA Market Interest Rate capped at $10 million. In addition, the total project costs are capped at $40M per applicant per year, including any portion of the project financed at the enhanced subsidization rate (Nano, affordability, PFAS, Lead). Project costs over the specified caps can be financed by the I-Bank as capacity allows.

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

System Type	DEP Share	I-Bank Share	Funding Cap
Affordability	**75%** (Minimum) Interest Free Loan and Principal Forgiveness	**25%** (Maximum) AAA Market Interest Rate Loan	**$10M**

For example, a high ranking $25M project in a disadvantaged community, that meets NJ's Affordability Criteria in Appendix 3, to address an uncovered finished water reservoir will receive the following funding package:

Project Costs	Principal Forgiveness	DEP Loan (0%)	I-Bank Loan (AAA Market
First $1M	$1M	$0M	0M
Next $1M	$0M	$0.5M	$0.5M
Next $8M	$0M	$6M	$2M
Next 15M	$0M	$7.5M	$7.5M
Total ($25M)	$1M	$14M	$10M

BASE DWSRF FUNDING PACKAGES

As noted above, all public community water systems and nonprofit noncommunity water systems are eligible for assistance through the Base DWSRF program. The only exception is for federally owned systems and State-owned systems (State agencies, such as State Police, Parks and Forestry, and Corrections) that are not eligible to receive Water Bank assistance.

The Base DWSRF funding package for SFY2023 consists of loan funding with a blended interest rate of 50% of the I-Bank AAA Market Interest Rate for publicly-owned water systems and loan funding with a blended interest rate of 75% of the I-Bank's AA Market Interest Rate for privately-owned water systems.

The total project cost financed per applicant per year for both privately and publicly-owned systems is capped at $40M per applicant per year, including any portion of the project financed at the base rate and financed at an enhanced subsidization rate (Nano, affordability, PFAS, Lead). Project costs over the specified caps can be financed by the I-Bank as capacity allows. The DEP is actively pursuing additional funding sources to address the increasing drinking water infrastructure financial needs and reserves the right to modify or waive the cap requirement.

System Type	DEP Share	I-Bank Share	Funding Cap
Base DWSRF – Publicly-owned	**50%** Interest Free Loan	**50%** AAA Market Interest Rate Loan	$25 million (remainder at I-Bank market rate as capacity allows)
Base DWSRF – Investor-owned	**25%** Interest Free Loan	**75%** Interest Free Loan	$25 million (remainder at I-Bank market rate as capacity allows)

Example: A $50M project for a treatment plan rehabilitation is submitted by a publicly-owned water system that does not meet NJ's Affordability Criteria in Appendix 3. The project is eligible for $25M funding at a Blended Interest Rate of 50% of I-Bank's AAA Market Interest Rate. The remaining $25M is eligible for funding by the I-Bank at AAA Market Rate as capacity allows.

Project Costs	Principal Forgiveness	DEP Loan (0%)	I-Bank Loan (AAA Market Rate)
First $40M	$0M	$20M	$20M
Next $10M	$0M	$0M	$10M
Total ($50M)	$0M	$20M	$30M

FINANCING OPTIONS

The NJ Water Bank offers the following low interest financing options for eligible projects.

Drinking Water Financing Timeline

For the DWSRF SFY2023 program, funding decisions will be based on the DWSRF Project Priority List, as determined by the DWSRF Project Ranking methodology in Appendix 2. DEP will be determining financing availability and loan terms in priority ranked order based on available funds as follows:

- All projects that are in the fundable range as of the date of certification by DEP will be allowed to proceed to a short-term loan closing on a readiness to proceed basis. The Department establishes the fundable range by deducting and reserving estimated costs for projects listed in rank order on the current fiscal year Water Bank Project Priority List as amended until the available unobligated drinking water funds are exhausted. Note that the actual number of projects in the fundable range could expand or contract as loan construction bids are received, and total low bid allowable project costs are evaluated.

- Projects in the fundable range that do not receive Authorization to Award by April 1, 2023 will be bypassed for the SFY2023 funding cycle and the fundable range will be extended accordingly.

- Applications will be accepted any time of the year. There are no submission deadlines.

Planning and Design

The Program also offers loans to cover the costs associated with planning and design of a water infrastructure project. These short-term loans are currently being offered to eligible projects in the fundable range. Eligible costs include engineering fees, surveys, environmental or geological studies, and other costs related to project plan preparation. The loans must be rolled into a Water Bank capital improvement project or repaid in 2 years. Long-Term financing terms are established consistent with the Intended Use Plan operative at the time of certification of the construction contract.

SAIL Program

The Statewide Assistance Infrastructure Loan (SAIL) program is a disaster relief loan program designed for project sponsors that anticipate receiving FEMA or other federal disaster relief grants. The SAIL program's goal is to provide timely and cost-effective funds, in advance of federal reimbursements, to expedite and support the impacted communities' recovery and rebuilding of environmental infrastructure. SAIL finances projects within a declared disaster area to rebuild water systems directly impacted by a declared disaster as well as costs associated with improving the resiliency of Clean Water and Drinking Water systems, regardless of direct disaster impact.

Short-Term Loans

All projects are encouraged to secure short-term loans at the time of execution of an engineering design contract for the entirety of the project (planning, design, and construction). Funding will be committed

upon certification of each operable segment and satisfaction of the program's credit worthiness standards. Such loans are currently available for terms of up to 5 full fiscal years.

Project Sponsors Under State Financial Supervision

The DEP may make a loan for 100% of the allowable project costs to: (a) municipalities that do not satisfy the New Jersey Infrastructure Bank credit policy but are subject to State financial supervision and oversight pursuant to the "Local Government Supervision Act (1947)," P.L.1947, c.151 (C.52:27BB-1 et seq.), or (b) municipal, county, or regional sewerage authorities, or utilities authorities, that do not satisfy the New Jersey Infrastructure Bank credit policy but where the municipal participant through its service agreement with the authority or utility is under State financial supervision and oversight pursuant to the "Local Government Supervision Act (1947)," P.L.1947, c.151 (C.52:27BB-1 et seq.), and the repayment obligation of the authority or utility is secured by the full faith and credit of the participating municipality pursuant to the service agreement.

Establishment of Long-Term Loan Financing Terms

At the time a project is at or near construction completion, long-term financing will be issued. For construction loans issued upon certification of engineering contracts, long-term financing terms are established consistent with the IUP operative at the time of certification of the construction contract. For construction loans issued at the time of certification of construction contracts, long-term financing terms are established consistent with the IUP operative at the time of construction loan closing. For applicants financing the cost of construction through non-Water Bank sources or self-funding, long-term financing terms are established consistent with the IUP operative at the time of the long-term loan closing.

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

For Projects financed through a Water Bank Construction (Short-term) loan:

Loan Issued Upon	**Applicable Financing Term Year**
Certification of engineering contract	Date of certification of construction contract*
Certification of construction contract	Date of 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-Water Bank sources or self-funding, long-term financing terms apply at the time of long-term loan closing.

NOTEWORTHY PROGRAM FEATURES

Application

All applications are submitted on the H2LOans website (https://www.h2loans.com/home). For security reasons, the project sponsor's authorized official will need to call the Water Bank at 609-219-8601 to create an H2L0ans account. The authorized official can then designate a project manager (authorized representative) to submit required information. Application deadlines have been removed and rolling applications are being accepted any time of the year.

H2LOans Tutorial Video (https://www.youtube.com/watch?v=UgDDV_SyqL0)

Loan Awards

Loan awards for new projects will be made in SFY2023 in accordance with N.J.A.C. 7:22-3, 4, and 5 9 (http://www.nj.gov/dep/dwq/722.htm). The loan term for DWSRF projects will be up to 30 years but cannot exceed the useful life of the project.

Local government units are required to meet the technical, administrative, and environmental provisions of the rules of DEP and the Water Bank (N.J.A.C. 7:22-3, 4, 5, 8, 9, and 10 http://www.nj.gov/dep/dwq/722.htm). Disbursement and loan repayment provisions must be consistent with the rules.

DEP & I-Bank Fee

In accordance with the USEPA Policy on Fees Charged on Assistance Provided Under the SRF Programs, states must disclose information regarding the assessment and use of any fees associated with SRF activities that are passed on to the program participants. In New Jersey, DEP reserves 4% of the annual SRF capitalization grant to cover a portion of the administrative costs of administering the program. In addition, the annual legislation for the SFY2006 Program established a "Department Loan Origination Fund" that is administered by the Water Bank. The DEP now has a stable fixed fee of 2% of the project costs. No SRF funding is involved in DEP's loan origination fee. No SRF funding is involved in DEP's loan origination fee. DEP's loan origination fee is not included in the principal amount of the CWSRF and DWSRF loan and is separately accounted for.

The I-Bank's loan is issued at the same market interest rate as the I-Bank obtains from the sale of its bonds. Rather than bonding for all the eligible closing costs associated with each financing, the I-Bank charges the borrowers a one-time charge of 0.1% of the principal I-Bank loan amount to partially cover the costs associated with that particular series' bond issuance expenses. These costs include such activities as: bond counsel, financial advisor, rating agencies, printing and publishing of the Notice of Sale, the Preliminary Official Statement, the Official Statement, and other costs related to the Water Bank 's bond sale. In addition, the I-Bank has evaluated its existing fee structure and will charge an annual administrative fee of 0.15% of the total original project loan amount to cover the balance of the closing cost and the annual operating expenses associated with the operations of the I-Bank and the on-going costs associated with the loan servicer and Trustees. The I-Bank 's annual administrative fee is not included in the principal amount of the loan and is held in an account outside of the SRF. Changes to the Water Bank 's fee annual structure is subject to all applicable approvals and publication in the SFY2022 Financial Plan in May of 2021.

Use of Water Infrastructure Finance and Innovation Act (WIFIA) Funds

The I-Bank intends to use WIFIA loan funds in addition to the funds the I-Bank secures through the issuance of tax-exempt bonds. Use of WIFIA loan funds offers several potential advantages over tax-exempt bonds, including lower interest rates, call options, and structuring flexibility. All borrowers in the pool of projects financed with WIFIA loan funds would still receive a long-term loan package with a blended interest rate no greater than if the I-Bank used its AAA market rate bonds for its portion of project financing as described in the applicable IUP.

Interest Subsidy Loans

In addition to the WIFIA funds discussed above, the I-Bank may also leverage a portion of funds recently appropriated to the Department to create additional SRF savings for the Department by blending the newly appropriated funds into loan packages for I-Bank's portion of project financing. All borrowers receiving these appropriated funds in their loan packages would still receive a long-term loan package with a blended interest rate no greater than if the I-Bank used its AAA market rate bonds for its portion of project financing as described in the applicable IUP.

Sources and Use of Funds

The Table below represents estimated amounts available from prior program years and anticipated uses for the SFY2022 and SFY2023 Drinking Water Environmental Infrastructure Financing Program:

SFY2022 Financing Program

Anticipated Sources:	
Funds Available from prior years (Carryover WIFTA)	$30 M
Repayments from prior years' loans	$ 38 M
FFY2021 DW SRF Grant	$ 16 M
CW to DW Transfer (yearly allotment)	$ 6 M
Subtotal	$ 90 M
Anticipated I-Bank Share (est. 50%)	$ 90 M
Total Program Sources:	**$ 180 M**
Anticipated Additional FFY2021/SFY2022 Sources:	
Carryover SFY2021 I-Bank Appropriation Share*	$55 M
Total ALL Program Sources for FFY2021/SFY2022:	**$ 235 M**

* In SFY2021, $50M was allocated from the State budget to fund drinking water projects. The leveraged $25M I-Bank appropriation share is approximately $110M. The NJDEP estimates that about 50% will be carried over into SFY2022.

SFY2023 Financing Program

Anticipated Sources:	
Funds Available from prior years	$ 100 M
Repayments from prior years' loans	$ 38 M
CW to DW Transfer (yearly allotment)	$ 4 M
FFY2022 DW SRF Grant	$ 11 M
State Match for FFY 2022 DWSRF Grant	$2 M
Subtotal	$155 M
Anticipated ARPA Allocation	$ 45 M
Anticipated I-Bank Share	$160 M
FFY 2022 BIL Grant (DWSRF Any Eligible Project)	$31 M
State Match for 2022 BIL Grant (DWSRF Any Eligible Project)	$3 M
FFY2022 BIL Grant (DWSRF Emerging Contaminants)	$13 M
FFY2022 BIL Grant (DWSRF Lead)	$49 M
FFY2022 BIL Grant (CWSRF to DWSRF EC Transfer)	$4 M
Subtotal (BIL)	$ 100 M
Anticipated I-Bank Share (est. 50%)	$ 100 M
Total Program Sources:	**$ 560 M**

In SFY2022, the State budget set forth approximately $60M in appropriation for the SRF program, including $10M anticipated to be utilized for State CWSRF match. The leveraged $25M I-Bank appropriation share is approximately $110M. Note that additional State budget appropriations may be used for supplemental loans and grants for infrastructure that may not be SRF eligible.

Financial Relationships between the CWSRF and the DWSRF

The federal Safe Drinking Water Act Amendments of 1996 offer states the flexibility to meet the funding needs for drinking water and wastewater facilities by transferring funds from one SRF program to the other. Annually, an amount up to 33% of the Drinking Water SRF Capitalization Grant may be transferred from the CWSRF program to the DWSRF program, or vice versa. The USEPA has issued guidance that would allow utilization of transfer credits and transfer of funds on a net basis (i.e., funds could be moved in both directions), provided that the final transferred amount does not exceed the authorized ceiling. Additionally, The Water Infrastructure Funding Transfer Act allowed the State to transfer up to 5% of the cumulative clean water revolving fund, or approximately $113M to the drinking water revolving fund to provide additional subsidy to eligible recipients for projects that abate exposure to lead in drinking water.

The SRF program evaluates funds available to determine if adequate monies are available to be used for clean water projects in the current fiscal year. In addition, the type and number of DWSRF projects are reviewed and a determination is made on the need of the funds to be transferred from the CWSRF accounts to the DWSRF accounts or vice-versa. The DEP intends to transfer the entire amount of the CWSRF BIL Emerging Contaminants Grant (approximately $4 million). DEP reserves the right to

transfer funds from the CWSRF to the DWSRF (or vice-versa) each fiscal year to the extent allowed by law, including Sandy SRF funds, and SRF funds awarded under the Bipartisan Infrastructure Law.

While all projects that meet the program requirements and are ready to proceed have been able to receive a CWSRF loan in the past, the ability of the program to continue to finance all qualifying projects in the future is uncertain because of a steady increase in program demand over the last several years. As such, if the Department determines that there is a shortage of available funds, the Department will utilize the remaining funds for high priority projects in accordance with the existing ranking methodology.

In addition to the potential transfer of funds between the CWSRF and DWSRF, DEP is continuing its policy to cross-collateralize the DWSRF with the CWSRF. This feature results in significant savings to project sponsors. This benefits the drinking water project sponsors since there is a large source of revenue available via the CWSRF repayments to cover possible loan defaults. Under the EPA-approved procedures associated with cross-collateralization, a temporary transfer of funds between the two SRFs may occur, if necessary, to cover the default of a loan repayment or other financial obligation. DEP and the I-Bank would take steps to collect any obligations resulting from a loan default and reimburse the appropriate drinking water or clean water account.

Additional SRF Provisions:

Programmatic requirements are listed below. It is anticipated that these provisions will be maintained in a subsequent federal reauthorization act or federal policy. If substantial changes in the Act necessitate DEP's revision of the SFY2023 document, additional public participation efforts will be conducted.

1. The schedule of state capitalization grant payments, jointly agreed upon by the administrator of the EPA and each state, is based upon the state's IUP.
2. States are required to deposit in the SRF, from state monies, an amount equal to at least 20% of the total amount of all capitalization grants made to the state.
3. Monies in the DWSRF may be used to provide loans at or below market interest rate, for terms not greater than 30 years or the useful life, whichever is less. Repayments must begin no later than one year after completion of the project and must be credited to the SRF (principal and interest). The recipient of a loan must establish a dedicated source of repayments.
4. Eligible borrowers that will receive a portion of their long-term financing from a federal loan program (i.e. WIFIA Loan Program) may be offered an Extended Term Financing Program with loan terms of up to 35-years .

Section 1452 of the federal SDWA authorizes the states to provide funding for certain non-project activities, as long as the amounts do not exceed ceilings specified in the statute. The non-project set-asides provide for DWSRF activities that are not construction related and include administration of the DWSRF, technical assistance for small systems, state public water system supervision (PWSS) programs, source water program administration, capacity development, and operator certification. Each state must have a capacity development and operator program, or EPA may withhold up to 20% of the annual capitalization grant. New Jersey's existing technical assistance program is directed to small water systems under the base Cap Grant activities. As part of the additional federal funds received through the BIL, New Jersey is intending to extend technical assistance to other public water systems, including disadvantaged communities that meet NJ's Affordability Criteria in Appendix 3.

The DEP finalized a workplan for the FFY2021/SFY2022 non-project set-asides in September 2021 based on the May 12, 2021 draft and distributed to community and nonprofit noncommunity water

systems and other stakeholders. This final workplan is a requirement for the FFY2021 Capitalization Grant. The DEP was awarded the Capitalization Grant on June 29, 2021.

The Table below represents the amounts of the available sources and anticipated uses for certain non-project activities:

Funds Available		***FFY 2021***
Federal Capitalization Grant	$	18,843,100
State Match		
20%	$	3,452,967
Projected Expenditures		
Administration (net position)	$	1,191,795
Non-project Set-asides	$	1,884,310
Small System Tech Assistance (2%)	$	376,862

APPENDIX 1: RESPONSE DOCUMENT FOR THE FFY2022 PRIORITY SYSTEM, INTENDED USE PLAN AND PROJECT PRIORITY LIST

The federal Safe Drinking Water Act and Clean Water Act require the United States Environmental Protection Agency (USEPA) and the states to provide for and encourage public participation in the development and implementation of the federally supported Drinking Water State Revolving Fund and Clean Water State Revolving Fund (SRF) Program. In New Jersey, the SRF is a component of the New Jersey Water Bank that provides financing for a wide variety of drinking water and wastewater projects including treatment for emerging contaminants, lead service line replacement, stormwater and nonpoint source pollution control projects. In accordance with the federal rules, the requirements for public participation activities also apply to the development and/or major revision(s) of the State's Priority System, Intended Use Plan and Project Priority List for the SRF.

On March 23, 2022 the New Jersey Department of Environmental Protection (Department) issued a Notice of Open Public Comment Period regarding the availability of the FFY2022/SFY2023 Drinking Water State Revolving Fund (DWSRF) and Clean Water State Revolving Fund (CWSRF) Intended Use Plan. This notice was sent to interested parties including community water systems, wastewater systems, engineers, municipalities, potential applicants, and others to seek public input. A public hearing was held remotely on April 6, 2022, using Microsoft Teams. In addition to Department and I-Bank staff, thirteen (13) individuals from outside the Department attended the hearing. Four (4) commenters provided oral testimony and followed up with written comments on the Clean Water and Drinking Water proposals. In addition, written comments were received from an additional five (5) individuals and organizations prior to the April 22, 2022 close of public comment.

The following persons submitted timely comments on the Amendments to the Final SFY2023 Drinking Water and Clean Water IUPs dated March 23, 2022:

1. Fred Akers, Great Egg Harbor River Council and Watershed Association
2. Lauren Belsky, New Jersey Future
3. Kathleen Corcoran, Hackettstown Municipal Utilities Authority
4. Kristin Epstein, City of Trenton Department of Water and Sewer
5. Larry Levine, National Resources Defense Council (NRDC)
6. Eleni Giannikopoulos, Suburban Consulting Engineers
7. Andy Kricun, U.S. Water Alliance
8. Janice Kovach, Mayor, Town of Clinton and Past President of NJ State League of Municipalities
9. Chris Sturm, New Jersey Future

The public comments received on the FFY2023 IUPs dated March 23, 2022 are summarized below.

PRINCIPAL FORGIVENESS & GRANTS

Clean Water/Combined Sewer Overflows

COMMENT

Several commenters noted that CSO principal forgiveness is not generally based on the total water infrastructure needs of the community and requested larger awards for communities with larger needs.

Another added "There is no scaling of PF amounts based on the total cost of the CSO LTCP. Thus, a community with a small CSO cost, or even a small cost per capita, could access just as much funding as a community with a huge CSO cost or cost per capita. As just one example, consider the following—and please explain—why should North Bergen (for example) be able to access the same size grant as Perth Amboy (for example)?"

RESPONSE
The CSO principal forgiveness caps are set to encourage all CSO communities to take advantage of Water Bank financing to implement their high priority CSO abatement projects. The size of the principal forgiveness award is directly related to the allowable cost of the project financed. Therefore, communities with small CSO projects costs will receive a proportionally smaller principal forgiveness awards than communities with higher CSO project costs.

The New Jersey Water Bank (Water Bank) will set aside a significant portion of the principal forgiveness for disadvantaged communities that meet NJ's affordability criteria and will award priority points to projects sponsored by disadvantaged communities. The Department is committed to delivering 40 percent of the overall benefits of Federal clean water and drinking water investments to disadvantaged communities that have been historically marginalized, underserved, and overburdened by pollution. In addition, the New Jersey Water Bank has developed affordability criteria for identifying environmental justice/disadvantaged communities and will use these criteria when awarding principal forgiveness. Starting with SFY23, the clean water state revolving fund will also award Environmental Justice Economic Overburdened Community Criteria priority points to align with the drinking water state revolving fund ranking point system.

The clean water ranking system gives highest priority to projects that address discharges of raw, diluted, or inadequately treated sewage to the state's waters during wet weather, including projects to abate CSOs and projects to address sanitary sewer overflows (SSOs). Since CSO abatement projects are expensive and are usually located in financially distressed urban areas, costs are a serious concern. Therefore, the program will continue to allocate significant funding and principal forgiveness to these high priority projects. Additionally, $5 million in CSO principal forgiveness funds will be set aside for green infrastructure projects to increase the likelihood that these projects will be built in our CSO communities.

The Water Bank Financing Program will continue to offer the same competitive loan rates combined with increased principal forgiveness for the construction and improvement of clean water and drinking water systems in order to meet more project needs and ensure long-term program viability.

Drinking Water/Lead Service Line Replacement

COMMENT
One commenter noted that the Department should increase available principal forgiveness for lead service line replacement for disadvantaged communities. Otherwise, those communities will have no choice but to pay full price for private side replacements, to avoid having homeowners opt out of replacement. Another commenter suggested that DEP should eliminate the customer cost share noting that local governments save money when water system pay that share and more lead pipes get replaced faster.

REPSONSE
In accordance with the recent legislation that became effective on July 22, 2021 (P.L.2021, c.183), costs associated with undertaking and funding the replacement of lead service lines for an investor-owned

public community water system, excluding any portion funded by grants or other subsidies, shall be borne by all of the customers within the State of the water system, and shall be included in the water system's rate base or otherwise be recoverable from the system's customers, in a manner determined by the NJ Board of Public Utilities. For government-owned community water systems, any costs incurred for assessment and replacement of lead lines, excluding any portion funded by grants or other subsidies, may be borne by all customers of the government owned public water system, OR may be assessed to a property of a property owner.

That cost share is ultimately determined by the water system in accordance with the above legislation and not by the Department. However, the Department recognizes that this cost share may increase resistance to lead service line replacement and may pose a burden, especially on disadvantaged communities. For that reason, the Department has specified in the DWSRF IUP that any principal forgiveness shall be utilized to address the cost-share of the property owner as applicable. The principal forgiveness caps in the proposed IUP were designed to ensure availability of principal forgiveness across multiple disadvantaged communities that meet New Jersey's affordability criteria in Appendix 3. While the available PF for SFY2023 is not sufficient to cover this cost share statewide, the Department will continue to identify funding resources, including technical assistance for disadvantaged communities, to help reduce the costs share to NJ residents.

Finally, it should be noted that the legislation specifies that except during an emergency, such as a water main or service line break, or during a water main replacement, a water system shall not conduct partial replacement of service lines. To ensure that the entire line can be replaced, municipalities may pass city ordinances to mandate the replacement of lead service lines, regardless of ownership (see https://njleg.state.nj.us/bill-search/2018/S4110/bill-text?f=PL19&n=291). If the property owner refuses replacement, efforts to contact the property owner shall be documented and supplied to the Department.

COMMENT
Lead service line replacement is a costly 10-year plan that was not factored into municipal budgets and this responsibility to public health should be shared across the board. It is cost prohibitive if principal forgiveness is not available.

RESPONSE
The Department acknowledges that the costs for lead service line replacement are estimated to be between $2.1 to $3.2 billion Statewide, far surpassing the available funds for SFY2023. The Bipartisan Infrastructure Law mandates that 49 percent of funds provided through the DWSRF Lead Service Line Replacement Funding must be provided as grants and forgivable loans to disadvantaged communities. Therefore, the principal forgiveness caps in the proposed IUP were designed to ensure availability of principal forgiveness across disadvantaged communities that meet New Jersey's affordability criteria in Appendix 3. Communities that do not meet the affordability criteria are still eligible to apply through DWSRF for low interest loans to fund their lead service line replacement projects. While additional funding beyond the BIL appropriations is uncertain at this time, the Water Bank is committed to funding the state's water infrastructure needs in perpetuity with available funds (federal funding, state match, repayments, I-Bank leveraging, etc.).

COMMENT
The percentage of available principal forgiveness should equal 10% of replacements to equitably distribute available funds. Utilities have different sized customer bases and different sized LSL inventories, so the funds should be distributed in alignment with the LSL inventory. This also encourages

utilities to determine material at their unknown material locations more quickly so that they can receive more funding each year.

RESPONSE
Funding for lead service line replacement continues to be a priority in New Jersey. This is even more evident due to recent legislation (A5343/SS3398) signed into law by Governor Murphy in July 2021 that requires public community water systems of all sizes to replace lead service lines within 10 years. Public health protection is critical to all communities with existing lead service lines regardless of size. As proposed and finalized, the IUP considers the existing inventory and project size by offering 50% principal forgiveness up to $5M. Further, offering packages of 50% principal forgiveness incentivizes water system to determine material at unknown locations to maximize available principal forgiveness up to the $5M cap.

COMMENT
On the drinking water side, the number of communities able to access the funds set aside for disadvantaged communities increases from 38 communities in the SFY22 IUP to 102 in the proposed SFY23 IUP. This means there will be 64 more communities competing for the $25M in funds for lead line replacement and the $15M for "general BIL principal forgiveness."

RESPONSE
The Department is committed to delivering 40 percent of the overall benefits of Federal clean water and drinking water investments to disadvantaged communities that have been historically marginalized, underserved, and overburdened by pollution. For this reason, New Jersey Water Bank revised its affordability criteria to ensure it has identified all environmental justice/disadvantaged communities that need assistance Statewide. Regardless of the number of disadvantaged communities, the Department is committed to directing principal forgiveness, technical assistance, and any available resources to aid public health protection in these communities.

COMMENT
The Bipartisan Infrastructure Law (BIL) directs that the states must use the principal forgiveness percentages defined by the BIL. However, the state is allowed to add to that amount, so that the total available principal forgiveness increases. Other states have gone up to as high as 95% principal forgiveness for disadvantaged communities. Utilities that serve disadvantaged communities and do not receive significant grants or principal forgiveness funds cannot afford the loan payments.

RESPONSE
The Department set principal forgiveness caps to optimize both the number of projects that receive funds and still have a meaningful impact on a community's ability to implement their project. As the demand for drinking water funding has increased, the Department cannot feasibly award 95% of principal forgiveness to projects. To do so would impact the revolving fund and limit the availability of principal forgiveness funds now and in the future for other high priority projects, including those in other disadvantaged communities.

Grants vs. PF

COMMENT
Several commenters asked the Department to consider awarding grants for capital improvement projects in lieu of principal forgiveness. This is preferable to disadvantaged communities that require a bond

ordinance for the full price of the project with the award of principal forgiveness. For grant awards, the municipality is only required to bond above the amount of the grant giving them more flexibility to take on additional capital improvement projects before reaching their cap.

Despite the possible extra requirements and paperwork for grant awards, many utilities would appreciate or need the option of a grant. Some economically vulnerable communities may find themselves in a position where it is either politically challenging to approve a new debt issuance, if not impossible to raise their debt ceiling, or where a low bond rating can inhibit the appeal of such financing perhaps for investment levels that go even beyond what the State can offer. NJ is one of only a few states that uses the Short-Term Loan mechanism before converting to the long-term loan with principal forgiveness after the project is complete. This Short-Term loan step may be the reason why the water system needs to bond for the full amount of the project, and not just the non-PF portion.

RESPONSE

BIL allows state CWSRF and DWSRF programs to provide grants to eligible recipients. However, it should be noted that "grant" recipients are legally considered "subrecipients" for the purposes of OMB's grant regulations at 2 CFR Part 200 et. seq. In other words, assistance recipients receiving additional subsidy in the form of a grant are subject to additional cross-cutting federal requirements not applicable to those receiving other forms of additional subsidy such as principal forgiveness. EPA's subaward policy establishes the requirements and procedures for Grants Management Offices and Program Offices in making determinations regarding subrecipient eligibility, overseeing pass-through entity monitoring and management of subawards, and authorizing fixed amount subawards under 2 CFR 200.331, 200.332, and 200.333 ("the applicable regulations").

The Department will take these comments into consideration and continue to evaluate the advantages and disadvantage of offering grants as additional subsidy beyond SFY2023. At present, the finalized CWSRF and DWSRF continue to award principal forgiveness for funding received under the Bipartisan Infrastructure Law. With the significant investments in drinking water and clean water infrastructure, it is important to maintain the current program requirements to promote efficiency and provide public health protection to more water and wastewater systems. At the same time, the Department is committed to evaluating ways to incorporate changes to better serve communities moving forward under this 5-year initiative.

The Water Bank Short-Term Loan Program features low interest rates, low transaction costs and a streamlined online application process. Multi-year Short-Term Loans provide efficient funding during the course of a project's design and construction period by reducing Borrowers' costs of issuance through low-cost financing and by avoiding multiple loan closings to secure funding for all eligible costs incurred through construction completion. The Short-Term Loan Program also provides greater flexibility in addressing project cost adjustments prior to long-term financing. Short-term Water Bank loans provide The Water Bank documents project eligibility for principal forgiveness in the short-term loan exhibits. While eligibility for principal forgiveness is addressed in the short-term loan exhibits, the benefit is not awarded until successful completion is assured and the project closes on long-term financing. This practice has allowed the program to ensure the award of principal forgiveness is limited to eligible projects and project components where the environmental benefit is realized.

TECHNICAL ASSISTANCE

COMMENT
Many utilities do not have the staffing resources required to be able to either maximize their participation in SRF programs or even to participate at all. Smaller or financially stretched utilities simply have no additional capacity to manage applications and the ongoing administration required for SRF grants or loans.

RESPONSE
Currently, technical assistance is offered to small water systems through the DWSRF. This includes planning and design costs in advance of a water bank loan and includes a full system assessment to determine existing needs. The water systems participating in the existing technical assistance program meet frequently with the Department and are walked through the entire process from planning and design through construction and to project completion. It is anticipated that this existing contract will serve as a basis for outlining additional forms of assistance that can be offered through the DWSRF and CWSRF with the influx of BIL funding.

COMMENT
Several comments were received requesting that the Water Bank provide Technical Assistance (TA) to potential applicants, including the following: (1) Utilities feel is that they are opening themselves up to additional scrutiny, a third party for assistance could be favorable, less risk of enforcement actions; (2) creation of a larger direct TA program designed for underserved communities in the form of individualized pre-development work with communities on preparing applications and managing awards (3) make EPA TA guidance available; (4) We request that the State proactively market the SRF programs to communities (including system end users and their political and utility leaders) that are known to have costly water and wastewater challenges, particularly where they have not participated in the program before; and (5) the State fund a 'Water Assistance Corps' staffed by state resources, non-profit organizations, or consultants focused on the water and wastewater sector that can serve as force multipliers for these under-resourced utilities. Such marketing and public relations outreach should be conducted whether or not these communities initially appear to be willing to participate in the program, and regardless of whether that lack of interest is due to stated lack of resources, political will, or any other stated cause.

RESPONSE
The Department is in the process of establishing a technical assistance program to provide resources to potential applicants in advance of funding through the Water Bank using existing programs as the basis for the design. In doing so, the Department recognizes that the type of assistance required may vary for each water or wastewater systems. Therefore, the expectation is that multiple opportunities for technical assistance will be implemented, including planning and design, application assistance, system assessment, lead service line inventory and others. The Department will coordinate with available resources through the NJ Infrastructure Bank, the USEPA, engineering firms, non-profit organizations, and others to target assistance to the communities that need it the most.

COMMENT
Commenters requested that the Department commit to serving overburdened communities over the next five years. They further requested the Department demonstrate how it will provide technical assistance to overburdened communities and assistance these communities will be tracked.

RESPONSE
The Water Bank has revised the Clean Water Affordability Criteria to better align with the Drinking Water Disadvantaged Community criteria and the Environmental Justice Law's economic criteria for overburdened communities.

The New Jersey Water Bank will set aside a significant portion of the principal forgiveness available to disadvantaged communities that meet NJ's affordability criteria and projects sponsored by disadvantaged communities will receive additional priority points. The Department is committed to delivering 40 percent of the overall benefits of Federal clean water and drinking water investments to disadvantaged communities that have been historically marginalized, underserved, and overburdened by pollution.

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

As noted above, the Department is establishing a technical assistance program which will include targeted outreach to disadvantaged and overburdened communities over the next 5 years.

COMMENT
We commend the addition of a new short-term goal in the IUPs to provide financial incentives and technical assistance to disadvantaged communities with the goal of meeting Justice 40. But achieving the nation's new Justice 40 commitment means looking not just at whether 40% of funds go to disadvantaged communities. Achieving Justice 40 means working to ensure that every disadvantaged community is fully participating in, and benefiting from, New Jersey's successful SRF programs, now enhanced by $1 billion in federal spending, to advance public health, safety and environmental justice across the state.

RESPONSE
New Jersey is committed to meeting the goals of Justice 40. The first step was to better align with the Drinking Water Disadvantaged Community criteria and New Jersey's Environmental Justice Law's economic criteria for overburdened communities for both the DW and CW ranking criteria. This ensures that historically marginalized and unserved communities are prioritized for available funding. The next step is to take action to ensure these communities have resources to overcome challenges that previously limited their ability to utilize the SRF program through technical assistance.

AFFORDABILITY CRITERIA

COMMENT
Several comments were received on the proposed affordability criteria, including: (1) the Affordability Criteria and links to data are hard to follow; (2) the Affordability Criteria should be adjusted to allow for higher Median Household Income; and (3) the Department needs to identify key personnel familiar with the IUP, available to those who request a pre-application meeting, to discuss eligibility and affordability and level of certainty that projects will receive financing.

RESPONSE
The Water Bank carefully considered and solicited public feedback regarding the development of Affordability Criteria and considered multiple indicators and factors. The proposed criteria provides the optimal method of identifying applicants who would have difficulty financing projects without additional subsidization. The Affordability Criteria data links and text in the final document have been revised to provide additional clarity. The Water Bank offers all applicants the opportunity to attend a pre-application meeting where appropriate staff are available to discuss project eligibility, affordability criteria and the likelihood the proposed project will receive Water Bank funding and principal forgiveness.

LONG TERM PLANNING/AVAILABLE FUNDING SOURCES

COMMENT
In prior years the CWSRF has in some cases been undersubscribed and, in those cases, funding was shifted to the Drinking Water SRF. The State should do everything in its power to ensure both programs are fully subscribed, particularly as CSO, LSLR, emerging contaminants, and other needs drive investment needs above historical levels.

RESPONSE
The Water Bank designed the SFY 2023 Clean Water funding and principal forgiveness packages with the intention of fully funding expected demand from eligible projects. In addition, the Water Bank intends to provide pre-application technical assistance and enhanced outreach to disadvantaged and underserved communities to help ensure that projects will meet criteria and increase likelihood of seeking eligible funds, thus maximizing use of all available funding.

COMMENT
The State of New Jersey has over $3 billion of American Rescue Plan Act (ARPA) funds available to use with discretion. Given the critical nature of drinking water and clean water resources to the State, we request that this money be directed to expanding both SRF programs with a focus on disadvantaged communities. In considering uses for the remaining ARPA funds, it should also be recognized that utility service area boundaries do not always align with how ARPA funds were distributed to cities and counties. For example, a regional authority serving a city may not have access to city funds, nor to those available to (often wealthier) surrounding counties. Both for newly distributed ARPA funds and any other federal sources where water sector services are among the intended critical services where support is meant to be directed, the State should take action to require that utilities either receive funding directly or are mandated as a beneficiary in proportion to their unfunded need, which is perhaps as large as any other sector.

RESPONSE
The use of New Jersey's remaining allocation of ARPA funds will be determined by the Governor and the Legislature. If any of the funds are made available for use by the Clean Water and/or Drinking Water State Revolving Fund, they will be used in accordance with the general policies of the program and addressed in future Intended Use Plan(s) and/or Amendment(s) which will be subject to additional public review and comment.

COMMENT
One commenter noted that the scale of SRF funding and financing made available varies by state and is not directly aligned with federal appropriations, as it is further dependent on how much the state further leverages these or other of their own resources to expand lending capacity and grant funding levels. This

commenter requested that the State of New Jersey study these variations and document best practices from other states to ensure we are maximizing our capacity for water sector investments.

RESPONSE
Established in 1986, the Water Bank is the first program of its kind in the country. The Water Bank has leveraged funds available from the federal government to make more money available at the lowest possible cost. The Financing Program has provided more than $7.74 billion to local and county government units to finance wastewater systems, combined sewer overflow abatement, nonpoint source pollution control, and open space acquisition. Thanks to a combination of low interest rates and other cost saving features, the Financing Program has saved New Jersey ratepayers and taxpayers over $2.77 billion. The Water Bank will continue to solicit feedback from the public as well as work with EPA and other state partners to ensure the continued success of the SRF programs.

COMMENT
Is it possible for the State to develop a mechanism for multi-year funding and financing approvals that consider the length of the investment horizon? Many essential water infrastructure projects are long-term and require planning and reliable funding to ensure that communities can fully complete these projects. This includes communities with LSLs that need to complete phased lead service line replacement projects within the next 10 years for the health and safety of their residents.

RESPONSE
The Department works closely with all project applicants to evaluate the timeline for completion to maximize available funding through the SRF program. The CWSRF and DWSRF programs have successfully funded several projects (including lead service line replacement projects) through a phased in multi-year approach that closely evaluates the public health impacts and the likelihood of funding of future phases. The Department cannot predict how the availability of funds, project delays, or additional funding sources may change from year to year. However, the Department remains committed to working with all applicants, including disadvantaged communities, to move critical infrastructure projects forward as part of the 5-year BIL and in the years that follow.

COMMENT
A commenter would like to see an accompanying overall 5-year policy statement that shows the Department is committed to serving EJ communities over the 5 years. This IUP is targeted for shovel ready projects which is ok in year one while the Department is planning technical assistance. However, the commenter wants to see how DEP is tracking help to EJ in years 2-5.

RESPONSE
The New Jersey Water Bank will set aside a significant portion of the principal forgiveness available to disadvantaged communities that meet NJ's affordability criteria and projects sponsored by disadvantaged communities will receive additional priority points. The Department is committed to delivering 40 percent of the overall benefits of Federal clean water and drinking water investments to disadvantaged communities that have been historically marginalized, underserved, and overburdened by pollution.

CWSRF and DWSRF projects are assigned 80 Environmental Justice Economic Overburdened Community (OBC) Criteria priority points if at least 35% of the households served by the project, on a municipal basis, qualify as low-income households (at or below twice the poverty threshold in accordance with the most recent United States Census as determined by the United States Census Bureau). A weighted economic OBC criteria is calculated for a project sponsor whose water system serves more than one municipality. Population served is based on the permanent population of the service area.

Consideration will be given for projects with a qualifying service area population within a municipality that does not meet the 35% threshold.

As noted above, the Department is establishing a technical assistance program which will include targeted outreach to disadvantaged and overburdened communities over the next 5 years.

The Water Bank will track progress toward delivering 40 percent of overall benefits to disadvantaged communities over the 5 years of BIL funding through the annual Clean Water and biannual Drinking Water SRF Reports to USEPA Region 2. Projects financed in disadvantaged communities will be identified and the funding amounts will be listed in the reports. Progress toward meeting the 40% goal for disadvantaged communities will be discussed and financing packages and technical assistance offered to disadvantaged communities will be analyzed to ensure the Water Bank continues to meet this goal.

COMMENT

The New Jersey lead service line appropriation is artificially low compared to other states around the country because of how this appropriation was calculated. Specifically, it resulted in lead service line replacement funding for the state going down despite the increases to SRF funding nationally and despite more significant ongoing unfunded needs in New Jersey relative to other states. As such, we request that the State take efforts to seek a reapportionment of funds.

RESPONSE

The current allotment of the available funds through the federal Infrastructure Investment and Jobs Act (IIJA), a/k/a/ the Bipartisan Infrastructure Law (BIL) is based in part on the 6th Drinking Water Infrastructure Needs Survey and Assessment conducted in 2015. Nationally, New Jersey is recognized to be among the top ten states with the largest number of lead service lines (https://www.nrdc.org/lead-pipes-widespread-used-every-state). New Jersey Water Bank is working diligently to communicate its LSL replacement needs through available channels to encourage the federal government to make changes to the allocation to reflect the greater need within the State. Additionally, the State is working to establish additional need through the 7th annual Drinking Water State Needs Survey and Assessment that was conducted in 2021 and 2022 to demonstrate needs for the next 20-year period. While results of this survey are still pending, the State is hopeful that these efforts will more accurately demonstrate needs for future allocation of funds.

COMMENT

A commenter requested the Department and the NJ Pinelands Commission use the Water Infrastructure Investment Plan funds to increase funding for the Pinelands Infrastructure Trust that will benefit needed infrastructure in the Pinelands Regional Growth Areas.

RESPONSE

The Pinelands Infrastructure Trust Fund provides funding for infrastructure projects needed to accommodate existing and future needs in the 23 designated Pinelands Regional Growth Areas. Funding is available for the construction of new collection systems, interceptors, and the expansion/upgrade of wastewater treatment facilities.

The Water Bank expects to make loans to eligible clean water projects identified in the Pinelands Infrastructure Trust Fund Infrastructure Master Plan in SFY23. These loans will help local governments and utility authorities defray the costs associated with supporting the population and economic growth

targeted to Pinelands Regional Growth Areas. Approximately $15.9 million will be available from the Pinelands Infrastructure Fund for qualifying clean water, drinking water and transportation projects. Project financing will generally consist of 50% loan, 40% grant, and 10% local match. In cases where a hardship has been identified, the local match may be waived, and the award will be allocated as 50% loan and 50% grant. The program anticipates that this funding will be sufficient to meet demand from eligible projects in SFY23 but in the event these funds are exhausted, eligible projects will have the ability to compete for funds available in the SRF.

GENERAL COMMENTS

COMMENT
A commenter requested the Department make certain data available to the public including: (1) A list of utilities that participated in the last five years in either SRF program, their service areas, and populations; (2) A list of those with Combined Sewer Overflow investment needs noting participants in SRF vs. those that have not participated in the last five years; and (3) Data on if, how much, and in what years the CWSRF fund has historically been undersubscribed over the last 5-10 years.

RESPONSE
The data requested is currently available from several publicly available Water Bank publications including:

- Clean Water and Drinking Water Priority System, Intended Use Plan, and Project Priority List (https://www.nj.gov/dep/wiip/project-lists.html);
- Annual Program ("January") Report to the Legislature (https://www.njib.gov/nj/Water+Bank+Program+Publications.26);
- Annual ("May") Report to the Legislature (Financial Plan) (https://www.njib.gov/nj/Water+Bank+Program+Publications.26);
- I-Bank Annual Report (https://www.njib.gov/nj/Annual+Reports.2); and
- Enforcement Reports available through DEP Data Miner (https://www.nj.gov/dep/enforcement/reports-list.html).

The Water Bank is committed to transparency and disclosure and can work with interested parties to assist in locating data in a relevant and efficient manner.

COMMENT
With the DEP's requirement for utilities to submit their 10-year LSL plans in July 2022, utilities in disadvantaged communities are going to have big question marks as to how, when, and if they can afford to get the work done by 2031. In their LSL plans, it is likely that utilities will make hopeful assumptions, and/or provide dire predictions of rate increases.

RESPONSE
Funding for lead service line replacement is a priority in New Jersey. All water systems are required to demonstrate how they will pay for lead service line replacements in their plan, which may include the use of financial resources available through DWSRF. Through the documented plans, the Department evaluates the projected use of SRF funds and will work to ensure available funds are allocated to disadvantaged communities to address the public health impacts of lead.

APPENDIX 2: DRINKING WATER PROJECT RANKING METHODOLOGY

Table 1 of Category A lists the types of projects eligible for DWSRF funding. A project must be assigned points from Category A to be eligible for ranking; points assigned from the remaining categories are in addition to the points received in Category A. Priority points are assigned only if the project scope includes actual repair, rehabilitation, or correction of a problem or improvement clearly related to priority Category A. Projects that include multiple elements, as listed in priority Category A, receive priority points for the highest rated element in that category. Individual projects cannot receive points in Category A for multiple elements. Projects for the same water system involving multiple elements with unrelated scopes are separated and priority points assigned accordingly for each project.

DEP assigns points to each project using the Project Priority System and ranks all eligible projects according to the total number of points each project receives. All projects are subsequently placed on the Project Priority Comprehensive List according to their ranking. Projects with more points are ranked above those with fewer points. The addition of new projects to the Project Priority Comprehensive List, periodic revisions to the Priority System, or the identification of new information regarding a project, may result in changes to an individual project ranking. Updated rankings based on changes to the priority ranking system will be reflected in the next amendment to the Priority List.

The principal elements of the Priority System are: A) Compliance and Public Health Criteria, B) Smart Growth Approvals, C) Affordability, D) Population, and E) Established Local Employment Program. Points are assigned for each of the four priority categories and are discussed in more detail below.

The order of project priority for funding is as follows:

1. Emergency Projects are considered a public health hazard and receive funding over other projects on the Comprehensive Priority List;
2. Surface Water Treatment Rule violations including uncovered finished water reservoirs;
3. MCL and Lead Action Level Exceedances;
4. Lead Service Line replacements in communities with an MHI less than the MHI for the State for water systems without a Lead Action Level Exceedance;
5. Unregulated contaminants (contaminants of emerging concerns);
6. Small Systems serving less than 10,000 persons, up to 15 % of DWSRF Funds;
7. Corrosion control and lead service line replacement in communities serving a population ≤1,000 that have an MHI less than the MHI for the State;
8. Projects that have secured federal/non-profit grants to be leveraged with SRF funding,
9. Other projects currently on the comprehensive list.

The prospective applicant must notify DEP of any changes to project scope or any other circumstance that may affect the calculation of priority points. DEP recalculates, if appropriate, the prospective applicant's ranking utilizing the new information submitted and revises the priority ranking accordingly.

Points are assigned for each of the five priority categories discussed below, as applicable.

<u>Category A. Compliance with the SDWA and Protection of Public Health</u>

DWSRF funds are used to address contamination problems and to ensure compliance with the SDWA requirements. Priority is given to water systems in non-compliance with the surface water treatment requirements and those incurring acute primary maximum contaminant level (MCL) violations, or action

level exceedances as defined in the National Primary Drinking Water Regulations and the New Jersey Safe Drinking Water Regulations (N.J.A.C. 7:10). Table 1 describes the project elements that are eligible for DWSRF funds:

TABLE 1. Project Elements Eligible for
Project Priority Ranking in the Drinking Water State Revolving Fund Program[1]

1.	Systems that use surface water that are not in compliance with the surface water treatment technique requirements or have had any acute violations (either *E. coli* or nitrates) and have been issued an administrative order or directive by DEP requiring the correction of any noncompliance of its treatment facilities to address an immediate public health threat.	500 Points
2.	Systems that use groundwater under the direct influence of surface water, that are not in compliance with the surface water treatment technique requirements or have had any acute violations (either *E. coli* or nitrates) and have been issued an administrative order or directive by DEP requiring the correction of any noncompliance of its treatment facilities to address an immediate public health threat.	350 Points
3.	Systems that use groundwater that have had any acute violation (either *E. coli* or nitrates).	300 Points
4.	Systems that have had, or DEP reasonably expects to have, any primary maximum contaminant level (MCL) violations (except acute violations) or exceedance of action levels (Lead and Copper Rule).[2]	250 Points
5.	Systems that have, or DEP reasonably expects to have, exceeded a groundwater quality criterion, or other guidance or advisory (such as a recommended MCL for unregulated contaminants) as deemed applicable by the DEP.	200 points
6.	Systems that were classified as vulnerable, because of a 2007 DEP Interconnection Study.	200 Points
7.	Replacement of lead services lines or installation of corrosion control treatment for systems without a lead action level exceedance.	175 Points
8.	Systems that are under an Administrative Consent Order or other formal enforcement action based on a notice of noncompliance by DEP for reasons other than water quality; i.e. inadequate storage, inadequate source, lack of emergency power, etc.	170 Points
9.	Purchase and/or consolidation of a water system to comply with the SDWA for capacity development.	165 Points

[1] A project must be assigned points from Category A to be eligible for Project Priority List ranking; points assigned from Categories B through E supplement the points received in Category A.

[2] Systems with an ALE are eligible to receive the 250 points provided the system has an open violation with additional requirements to complete in order to return to compliance under the Federal rules.

10.	Extension of water mains, including associated appurtenances and water system facilities, to private wells that have had any maximum contaminant level exceedances or have exceeded lead and copper action levels.	165 Points
11.	Existing treatment facilities that need to be rehabilitated, replaced, or repaired to ensure compliance with the SDWA.	160 Points
12.	Systems that are proposing improvements to address resiliency and impacts of climate change, including drought or other related water supply management initiatives, as identified or designated by the State.	150 Points
13.	Systems that have lost well capacity due to saltwater intrusion and a solution is needed to preserve the aquifer as a viable aquifer.	150 Points
14.	Existing transmission or distribution mains with appurtenances that need to be rehabilitated, replaced, repaired or looped to prevent contamination caused by leaks or breaks in the pipe or improve water pressures to maintain safe levels or to ensure compliance with the SDWA.	75 Points
15.	Existing pump stations or finished water storage facilities that need to be rehabilitated or replaced to maintain compliance with the SDWA.	60 Points
16.	New finished water storage facilities or pump stations that are needed to maintain pressure in the system and/or prevent contamination.	50 Points
17.	Addition or enhancement of security measures at drinking water facilities, including but not limited to fencing, lighting, motion detectors, cameras, secure doors and locks, cybersecurity, and auxiliary power sources.	45 Points
18.	Green Infrastructure: renewable energy generation such as solar panels, hydroelectric, geothermal or wind turbines or infrastructure built at the water system facilities such as green roofs, porous pavement, bioretention or grey water reuse.	45 Points
19.	Systems which have had any exceedance of any secondary drinking water regulations that have received notification issued by DEP that exceedance of a secondary drinking water regulation causes adverse effects on the public welfare, and for which the system has received a directive issued by the DEP requiring correction of the exceedance.	40 Points
20.	Installation of new water meters and/or other water conservation devices, including but not limited to retrofit plumbing fixtures.	35 Points
21.	Installation of new water meters and/or other water conservation devices, including but not limited to retrofit plumbing fixtures.	30 Points
22.	Replacement of water meters.	25 Points
23.	Redevelop wells, construct new wells, or construct or rehabilitate surface water sources with associated treatment facilities to meet the New Jersey Safe Drinking Water Act (SDWA) rules for required pumping capacity.	15 Points

24. Other project elements, not including items 1 through 21 above, that ensure compliance with the SDWA and protect public health, as approved by DEP. 1 Point

Category B. Environmental Justice Economic Overburdened Community Criteria

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

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

Example:

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

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

Category C. Smart Growth Approvals

1. State Development and Redevelopment Plan

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

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

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

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

2. Green Project Reserve (GPR)

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

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

Category D. Population

As a tiebreaker, projects are assigned points based on the permanent population of the water system service area. One point is given for every 1 million people living year-round in the service area. Thus, if projects have the same number of ranking points after having received all eligible points, population points become the tiebreaker, with higher priority given to the project serving the larger population.

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

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

[(2 x Winter Population) + Summer Population] / 3 = Weighted Permanent Population

Category E. Established Local Employment Program

Projects are assigned one point to applicants that have an established program to employ at the project facility, or at related offices or facilities, persons who reside in the municipality in which the project is located, the service area of the project, or in surrounding municipalities that meet the criteria for State aid pursuant to P.L.1978, c.14 (C.52:27D-178 et seq.)".

APPENDIX 3: DRINKING WATER AFFORDABILITY CRITERIA

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

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

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

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

Project MHI Factor =100 x (Project MHI/State MHI) (Rounded down to the nearest integer)
Project UE Factor = 1 if Project Unemployment Rate > State Unemployment Rate
Project UE Factor = 0 if Project Unemployment Rate < or = State Unemployment Rate
Project PT Factor = 1 if Project Population Trend < State Population Trend
Project PT Factor = 0 if Project Population Trend > or = State Population Trend

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

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

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

Data Sources:

MHI Percent - Municipal median reported household income (MHI) as a percent of the statewide MHI. The income reported is an estimate from 2019 from the U.S. Census Bureau's ACT 2014-2019 5-year estimates, as found in the 2020 Municipal Revitalization Index (link) (https://www.nj.gov/dca/home/MuniRevitIndex.html) provided by the New Jersey Department of Community Affairs. Values are expressed in 2020 dollars. Values over 100 indicate that the municipality has a MHI greater than the state as a whole. Conversely, values under 100 show that the MHI in the municipality is lower than state. This statewide MHI used was $85,245.

County Unemployment - Annual average county unemployment rate as provided by the New Jersey Department of Labor (link) https://www.nj.gov/labor/labormarketinformation/assets/PDFs/employ/uirate/fmth_2010-2021.xlsx). These values are compared to the statewide annual average unemployment rate. The statewide annual average used was 3.4%. In order to correct for labor market distortions caused by the pandemic, 2019 values were used here.

Population Change - The average annual rate of change in total population from 2009 to 2019, also provided by NJDCA in the Municipal Revitalization Index. These values are compared to the

statewide population change during that same time period. The statewide rate of change used in this analysis was -0.3%

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

Example:

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

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

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

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

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

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

Example:

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

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

Appendix 4: Federal Fiscal Year 2022 and State Fiscal year 2023 Project Priority List

Appendix 4 - Proposed Amendments to the Final DWSRF Project Priority List for Federal Fiscal Year 2022 (and State Fiscal Year 2023)

Date Generated **: August 30, 2022**

* *All projects on the list are eligible to receive DWSRF Base grant funds.*
* *Projects designated (BIL EC) are eligible to receive DWSRF Emerging Contaminants grant funds and principal forgiveness.*
* *Projects designated (BIL LSLR) are eligible to receive DWSRF Lead Service Line Replacement grant funds and principal forgiveness*
* *Projects designated (BIL GEN) are eligible to receive general supplemental funds for high rank affordability projects*
* *Consideration will be given for projects with a qualifying service area population within a municipality that does not meet the DWSRF Affordability Criteria.*
* *Long-term financing terms are established consistent with the Intended Use Plan operative at the time of certification and Water Bank short-term financing of the construction contract.*

Project components that have closed on a short-term loan prior to SFY2023 are not eligible for BIL principal forgiveness or grants

Rank	Project Sponsor	Project Number	Project Name	Population	Building Cost	Support Cost	Estimated Cost	Cat A	Cat B	Cat C.a	Cat C.b	Cat C.c	Cat C.d	Cat D	Cat E	Rank Points	BIL Eligibility
1	Newark City	0714001-012	Construction of a cover for the Cedar Grove Reservoir	285,000	$ 50,000,000	$ 12,730,000	$ 62,730,000	500	50	20	0	0	0	80	2.85	652.85	BIL (GEN)
2	Passaic Valley Water Commission	1605002-024	Installation of a 2.0 MG storage tank next to existing Verona storage tank	347,052	$ 2,970,000	$ 1,566,800	$ 4,536,800	500	0	20	0	0	0	80	3.47052	603.47052	BIL (GEN)
3	Passaic Valley Water Commission	1605002-014	Levine Reservoir Water Storage Improvements - Phase 1	314,900	$ 17,142,000	$ 5,186,920	$ 22,328,920	500	0	20	0	0	0	80	3.149	603.149	BIL (GEN)
4	Newark City	0714001-020	Phase-2 Lead Service Line Replacement (LSLR) Project	280,139	$ 12,989,172	$ 418,386	$ 15,693,186	250	50	20	0	5	0	80	2.90139	407.90139	BIL (LSLR)
5	Trenton City	1111001-011	Lead Service line replacement	391,000	$ 13,000,000	$ 2,900,000	$ 15,900,000	250	50	15	0	5	0	80	3.91	403.91	BIL (LSLR)
6	Newark City	0714001-019	Phase-1 Lead Service Line Replacement (LSLR) Project	280,139	$ 6,000,000	$ 1,528,353	$ 7,528,353	250	50	15	0	5	0	80	2.80139	402.80139	BIL (LSLR)
8	Hopatcong Borough	1912001-009	Installation of 48-inch pipe at wells to increase chlorine contact time at nine wells	7,900	$ 750,000	$ 525,000	$ 1,275,000	350	0	15	0	0	0	0	0.079	365.079	
9	Newark City	0714001-021	Phase 3-10 Lead Service Line Replacement (LSLR) Project	280,000	$ 120,000,000	$ 100,000	$ 144,929,550	250	0	20	0	5	0	80	2.94274	357.94274	BIL (LSLR)
10	Passaic Valley Water Commission	1605002-026	PVWC Lead Service Line Replacement	147,000	$ 1,400,000	$ 578,000	$ 1,978,000	250	0	20	0	0	0	80	3.10121	353.10121	BIL (LSLR)
10	Passaic Valley Water Commission	1605002-002	Lead Service Line Replacement in Main System	306,707	$ 21,918,500	$ 66,200	$ 26,302,200	250	0	15	0	5	0	80	3.10121	353.10121	BIL (LSLR)
11	New Brunswick City	1214001-005	Water Treatment Plant Improvements	50,000	$ 10,435,000	$ 3,443,100	$ 13,878,100	250	0	15	5	0	0	80	0.55	350.55	BIL (GEN)
12	Orange City	0717001-011	Orange Twp PFOA in Well 8 Drinking Water System	30,731	$ 1,200,000		$ 1,550,000	250	0	0	5	5	0	80	0.30134	340.30134	BIL (EC)
12	Orange City	0717001-015	Orange Twp |PFAS in Well 7 Drinking Water System	32,000	$ 1,200,000	$ 200,000	$ 1,440,000	250	0	0	5	5	0	80	0.30134	340.30134	BIL (EC)
12	Orange City	0717001-013	Orange Twp | Well 5 Rehabilitation Project	30,731	$ 500,000	$ 173,000	$ 700,000	250	0	0	5	5	0	80	0.30134	340.30134	BIL (GEN)
13	Newark City	0714001-022	PROCESS AND OPERATIONAL UPGRADES AT THE PEQUANNOCK WATER TREATMENT PLANT	280,000	$ 18,729,224	$ 191,411	$ 22,551,068	250	0	0	0	0	0	80	2.94274	332.94274	BIL (GEN)
15	North Shore Water Association	1904004-001	Existing Well Requires Replacement	105	$ 360,000	$ 115,000	$ 475,000	300	0	20	0	0	0	0	0.00105	320.00105	
16	Manchester Utilities Authority	1603001-001	Heights Tank Rehabilitation	12,028	$ 389,166	$ 1,800,000	$ 500,000	250	50	15	0	0	0	0	0.12028	315.12028	
18	Bloomfield Township	0702001-003	Lead Service Line Replacement	47,982	$ 875,000	$ 1,440,000	$ 1,098,395	300	0	0	5	0	0	0	0.47315	305.47315	
19	NJ American Water Company, Incorporated	1345001-017	Oak Street Treatment Plant Improvements	290,470	$ 4,239,000	$ 2,763,840	$ 7,002,840	250	50	0	0	0	0	0	2.9047	302.9047	
20	Aqua New Jersey Incorporate	1103001-005	Addition of radium treatment at Well 9 to resolve MCL exceedance	49,000	$ 583,100	$ 418,226	$ 1,001,326	250	50	0	0	0	0	0	0.49	300.49	
22	North Shore Water Association	1904004-004	Water System Refurb	105	$ 100,000	$ 145,400	$ 245,400	300	0	0	0	0	0	0	0.00105	300.00105	
23	Trenton City	1111001-005	5-year Lead Service Line Replacement & Verification Project	225,000	$ 195,000,000	$ 863,200	$ 239,000,000	250	0	15	0	5	0	15	2.17	287.17	BIL (LSLR)
25	Bloomfield Township	0702001-004	Interconnection Project	47,315	$ 1,920,000	$ 491,000	$ 2,592,000	250	0	0	5	0	0	15	0.47315	270.47315	
25	Bloomfield Township	0702001-005	Lead Service Replacement Phases	49,973	$ 6,000,000	$ 879,930	$ 7,700,000	250	0	0	5	0	0	15	0.47315	270.47315	
27	North Jersey District Water Supply Commission	1613001-013	Construction of a new 50 MGD Bellville Pump Station	872,153	$ 25,000,000	$ 11,690,000	$ 36,690,000	160	50	20	0	0	0	30	8.72153	268.72153	
28	Merchantville Pennsauken Water Commission	0424001-002	Woodbine PFNA plant	49,000	$ 4,455,000	$ 1,300,000	$ 5,646,000	250	0	0	0	0	0	15	0.47144	265.47144	BIL (EC)
29	Winslow Township	0436007-006	Add radium removal treatment at existing wells 1 and 8 to correct Maximum Contaminant Level violations	39,328	$ 4,953,080	$ 2,439,355	$ 7,392,435	250	0	15	0	0	0	0	0.39328	265.39328	
30	Belleville Township	0701001-003	Replacement of 7,000 lead service lines	35,928	$ 14,000,000	$ 5,940,000	$ 19,940,000	250	0	0	0	0	0	15	0.35928	265.35928	
30	Belleville Township	0701001-004	Installation of lead corrosion control measures at four interconnections	35,928	$ 400,000	$ 280,000	$ 680,000	250	0	0	0	0	0	15	0.35928	265.35928	
31	Belleville Township	0701001-008	Belleville Lead Service Line Replacement	36,069	$ 2,703,600	$ 450,000	$ 3,568,752	250	0	0	0	0	0	15	0.35129	265.35129	
32	Orange City	0717001-014	Orange Twp | Relocation of the existing transmission main under the Glen Avenue Bridge for the stabilization of the pipe	30,731	$ 1,225,000		$ 1,843,000	175	0	0	5	5	0	80	0.30134	265.30134	BIL (GEN)
33	Hopatcong Borough	1912001-002	Hopatcong Borough PFAS Removal Improvement Project	7,000	$ 840,000	$ 1,100,300	$ 1,020,000	250	0	15	0	0	0	0	0.07224	265.07224	BIL (EC)
34	Upper Deerfield Township	0613004-001	Radium Treatment Removal for Love Lane WTP (wells # 3 & 4)	4,500	$ 2,200,000	$ 1,228,000	$ 3,428,000	250	0	0	0	0	0	15	0.045	265.045	BIL (GEN)
35	National Park Borough	0812001-005	Addition of PFOS Treatment at Exisiting Water Plant	2,983	$ 1,100,000	$ 770,000	$ 1,526,500	250	0	0	0	0	0	15	0.03144	265.03144	BIL (EC)
37	ADTI Housing Corporation	2103002-001	Chlorination system	83	$ 243,700	$ 109,665	$ 353,365	250	0	0	0	0	0	15	0.00083	265.00083	
38	Eagleswood Village MHP	1508001-001	Eagleswood Village Water Improvement	80	$ 862,500	$ 1,350,000	$ 1,035,000	250	0	0	0	0	0	15	0.0008	265.0008	
39	Buttonwood Mobile Home Park	0301001-001	Buttonwood system	77	$ 240,000	$ 78,000	$ 318,000	250	0	0	0	0	0	15	0.00055	265.00055	
40	Park Ridge Borough	0247001-001	Permanent PFAS Treatment	16,500	$ 5,020,000	$ 360,750	$ 6,024,000	250	0	0	5	0	0	0	0.16466	255.16466	
41	Newark City	0714001-001	Construction of an ozonation facility	285,000	$ 10,000,000	$ 4,660,000	$ 14,660,000	100	50	20	0	0	0	80	2.85	252.85	BIL (GEN)
41	Newark City	0714001-013	Removal and disposal of sludge from lagoon	285,000	$ 3,000,000	$ 1,580,000	$ 4,580,000	100	50	20	0	0	0	80	2.85	252.85	BIL (GEN)
42	Camden City	0408001-015	Morris-Delair WTP improvements - Phase II	77,344	$ 919,790	$ 524,245	$ 1,444,035	100	50	20	0	0	0	80	0.77344	250.77344	BIL (GEN)
42	Camden City	0408001-016	Parkside WTP various improvements	77,344	$ 245,277	$ 139,797	$ 385,074	100	50	20	0	0	0	80	0.77344	250.77344	BIL (GEN)
43	Old Bridge Municipal Utilities Authority	1209002-014	Perrine Road Carbon Absorber Facility	65,375	$ 1,200,000	$ 240,000	$ 1,440,000	250	0	0	0	0	0	0	0.67215	250.67215	
44	Ridgewood Village	0251001-001	Water Treatment Centralization for PFAS Removal	61,220	$ 62,433,333	$ 253,083	$ 77,551,982	250	0	0	0	0	0	0	0.617	250.617	BIL (EC)
45	Livingston Township	0710001-001	Livingston PFAS Treatment - Phase A (Wells 1,2,4,8, 11)	29,366	$ 5,300,000	$ 484,770	$ 6,960,275	250	0	0	0	0	0	0	0.27391	250.27391	
45	Livingston Township	0710001-002	Livingston PFAS Treatment - Phase B (Wells 10, 12)	29,366	$ 3,200,000	$ 2,310,759	$ 4,239,775	250	0	0	0	0	0	0	0.27391	250.27391	
45	Livingston Township	0710001-003	Dorsa Wells - PFAS and 1,4-Dioxane Treatment	29,366	$ 14,000,000	$ 61,618	$ 17,643,300	250	0	0	0	0	0	0	0.27391	250.27391	

46	Moorestown Township	0322001-001	North Church Street Water Treatment Plant Upgrade	20,726	$ 15,260,000	$ 4,601,000	$ 19,861,000	250	0	0	0	0	0	0	0.20726	250.20726	
47	Ramsey Borough	0248001-009	Arsenic treatment system at the Spring Street Treatment Facility	16,350	$ 422,903	$ 373,372	$ 796,275	250	0	0	0	0	0	0	0.1635	250.1635	
49	Sparta Township	1918004-003	Installation of uranium treatment equipment at two of the existing Autumn Hill well house (Well 1 and Well 2)	15,726	$ 350,000	$ (14,000)	$ 336,000	250	0	0	0	0	0	0	0.15726	250.15726	
51	Waldwick Borough	0264001-003	Water Treatment Systems	9,625	$ 2,700,000	$ 855,640	$ 3,510,000	250	0	0	0	0	0	0	0.09653	250.09653	
52	Ho-Ho-Kus Borough	0228001-002	Ho-Ho-Kus Water Treatment System	4,078	$ 1,500,000	$ 1,700,000	$ 2,110,000	250	0	0	0	0	0	0	0.0406	250.0406	
53	Essex Fells Borough	0706001-002	Interim PFAS-Runnymede Site-Wells 5 &1	21,937	$ 900,000	$ 20,000	$ 1,080,000	250	0	0	0	0	0	0	0.022	250.022	
53	Essex Fells Borough	0706001-003	Permanent PFAS Treatment (Main Facility)	21,937	$ 4,500,000	$ 19,247,900	$ 5,400,000	250	0	0	0	0	0	0	0.022	250.022	BIL (EC)
53	Essex Fells Borough	0706001-004	Permanent PFAS Treatment (Additional Facilities)	21,937	$ 2,000,000		$ 2,400,000	250	0	0	0	0	0	0	0.022	250.022	BIL (EC)
54	Atlantic City Municipal Utilities Authority	0102001-012	Water Treatment Plant Facility Infrastructure Replacement & Improvements and Well Redevolpment	108,667	$ 97,000,000		$ 116,400,000	100	50	15	0	0	0	80	1.08667	246.08667	BIL (GEN)
55	Brick Township Municipal Utilities Authority	1506001-011	Granular Activated Carbon (GAC) Treatment Addition	86,898	$ 16,000,000	$ 4,890,000	$ 20,890,000	200	0	20	0	0	0	15	0.86898	235.86898	
56	East Orange City	0705001-014	Water System Improvement and Resiliency Project 2017	65,078	$ 19,520,000	$ 5,805,200	$ 25,325,200	100	50	0	5	0	0	80	0.75	235.75	BIL (GEN)
58	Newark City	0714001-017	Water Distribution System Upgrades	285,000	$ 971,100	$ 866,400	$ 1,837,500	75	50	20	0	0	0	80	2.94274	227.94274	BIL (GEN)
59	Newark City	0714001-002	Rehab of 42-inch Steel water main including cleaning & lining	285,000	$ 3,000,000	$ 2,070,000	$ 5,070,000	75	50	20	0	0	0	80	2.85	227.85	BIL (GEN)
59	Newark City	0714001-008	Cleaning and lining of water mains, upgrading 4 inch mains to 6 & 8 inch mains, replace old fire hydrants	285,000	$ 24,800,000	$ 9,396,000	$ 34,196,000	75	50	20	0	0	0	80	2.85	227.85	BIL (GEN)
59	Newark City	0714001-009	Replacement of 12,000 Lead service lines	285,000	$ 30,000,000	$ 11,060,000	$ 41,060,000	75	50	20	0	0	0	80	2.85	227.85	BIL (LSLR)
60	Camden City	0408001-004	Replacement of water mains on South Merrimac Road and New Hampshire Road	77,344	$ 4,100,000	$ 2,064,000	$ 6,164,000	75	50	20	0	0	0	80	0.77344	225.77344	BIL (GEN)
60	Camden City	0408001-013	Cleaning & Lining of distribution and transmission mains	77,344	$ 7,971,514	$ 4,543,450	$ 12,514,964	75	50	20	0	0	0	80	0.77344	225.77344	BIL (GEN)
60	Camden City	0408001-014	Replacement of Lead Service Lines	77,344	$ 567,000	$ 396,900	$ 963,900	75	50	20	0	0	0	80	0.77344	225.77344	BIL (LSLR)
60	Camden City	0408001-020	Cleaning and lining of a transmission mains	77,344	$ 7,358,322	$ 4,193,949	$ 11,552,271	75	50	20	0	0	0	80	0.77344	225.77344	BIL (GEN)
61	Berkeley Township Municipal Utilities Authority	1505004-010	Berkeley Township MUA Phase VII Water Main Installation	10,800	$ 6,125,000	$ 4,000,000	$ 7,962,500	125	0	20	0	0	0	80	0.108	225.108	BIL (GEN)
62	High Bridge Borough	1014001-004	High Bridge Water System: Bunnvale Well Upgrades	3,648	$ 1,119,600	$ 112,000	$ 1,477,872	175	50	0	0	0	0	0	0.033	225.033	
63	Atlantic City Municipal Utilities Authority	0102001-011	Lead Service Lines Replacement	108,998	$ 3,754,080		$ 4,504,896	125	0	15	0	0	0	80	1.08998	221.08998	BIL (LSLR)
64	Bridgeton City	0601001-005	Replacement of 2,190 LF of 6 inch with 8 inch main	22,770	$ 1,723,000	$ 724,600	$ 2,447,600	75	50	15	0	0	0	80	0.2277	220.2277	BIL (GEN)
65	Allentown Borough	1302001-005	Allentown Lead Service Lines	1,734	$ 2,141,500		$ 2,891,025	125	0	15	0	0	0	80	0.02	220.02	
66	Merchantville Pennsauken Water Commission	0424001-004	National Highway PFC plant	50,000	$ 7,000,000	$ 1,420,000	$ 8,700,000	200	0	0	0	0	0	15	0.47144	215.47144	
67	Newark City	0714001-007	Construction of a hydro-electric facility at the pre-treatment plant screen building	285,000	$ 6,000,000	$ 3,750,000	$ 9,750,000	45	50	20	0	0	15	80	2.85	212.85	BIL (GEN)
68	Atlantic City Municipal Utilities Authority	0102001-006	1 MG Storage Tank Sand Blasting and painting	94,225	$ 1,345,500	$ 1,042,626	$ 2,388,126	60	50	20	0	0	0	80	0.94225	210.94225	BIL (GEN)
69	East Orange Water Commission	0705001-002	Cleaning & Lining of mains	80,468	$ 2,164,500	$ 1,212,380	$ 3,376,880	75	50	0	5	0	0	80	0.80468	210.80468	BIL (GEN)
69	East Orange Water Commission	0705001-006	Replacement of west well transmission main	80,468	$ 2,500,000	$ 1,360,000	$ 3,860,000	75	50	0	5	0	0	80	0.80468	210.80468	BIL (GEN)
69	East Orange Water Commission	0705001-007	Replacement of fifteen water mains suspended on Garden State Parkway bridges	80,468	$ 2,500,000	$ 1,360,000	$ 3,860,000	75	50	0	5	0	0	80	0.80468	210.80468	BIL (GEN)
69	East Orange Water Commission	0705001-010	Installation of 2,150 LF of 8-inch & 1,400 LF of 4-inch for a redevelopment	80,468	$ 325,000	$ 227,500	$ 552,500	75	50	0	5	0	0	80	0.80468	210.80468	BIL (GEN)
70	Camden City	0408001-006	Rehabilitate the North Camden pump station	77,344	$ 500,000	$ 350,000	$ 850,000	60	50	20	0	0	0	80	0.77344	210.77344	BIL (GEN)
71	Atlantic City Municipal Utilities Authority	0102001-005	Installation of solar system at offices and at WTP	47,011	$ 4,000,000	$ 2,020,000	$ 6,020,000	45	50	20	0	0	15	80	0.47011	210.47011	BIL (GEN)
72	North Jersey District Water Supply Commission	1613001-032	Rehabilitation of Treatment Facility	872,153	$ 2,465,520	$ 1,683,275	$ 4,148,795	100	50	20	0	0	0	30	8.72153	208.72153	
72	North Jersey District Water Supply Commission	1613001-027	Expansion of Aeriation System	872,153	$ 1,554,000	$ 1,161,888	$ 2,715,888	100	50	20	0	0	0	30	8.72153	208.72153	
72	North Jersey District Water Supply Commission	1613001-028	Filter Bldg Pipe Gallery Dehumid	872,153	$ 1,246,000	$ 985,712	$ 2,231,712	100	50	20	0	0	0	30	8.72153	208.72153	
72	North Jersey District Water Supply Commission	1613001-029	Basins 1-4 Flocculator Rehabilitation	872,153	$ 1,970,000	$ 1,399,840	$ 3,369,840	100	50	20	0	0	0	30	8.72153	208.72153	
72	North Jersey District Water Supply Commission	1613001-012	Improvement of chemical feed equipment, pressure gauges, meters and alarms for increased security measures	872,153	$ 500,000	$ 475,000	$ 975,000	100	50	20	0	0	0	30	8.72153	208.72153	
72	North Jersey District Water Supply Commission	1613001-014	Construction of a 6 MG baffled clearwell and rehab of an existing clearwell to include baffles	872,153	$ 5,000,000	$ 3,190,000	$ 8,190,000	100	50	20	0	0	0	30	8.72153	208.72153	
72	North Jersey District Water Supply Commission	1613001-016	Install 6 Layer Aerators including air piping and appurtenances.	872,153	$ 1,000,000	$ 950,000	$ 1,950,000	100	50	20	0	0	0	30	8.72153	208.72153	
72	North Jersey District Water Supply Commission	1613001-020	Rehabilitation of existing WTP	872,153	$ 4,250,000	$ 2,770,000	$ 7,020,000	100	50	20	0	0	0	30	8.72153	208.72153	
73	Aqua New Jersey Incorporate	2119001-008	Replacement of 7,080 LF of undersized water mains in Philipsburg	33,560	$ 1,062,000	$ 727,280	$ 1,789,280	75	50	0	0	0	0	80	0.3356	205.3356	
74	Buena Vista Township	0660004-001	Water Main extension due to private well contamination	184	$ -	$ -	$ -	125	0	0	0	0	0	80	0.00184	205.00184	
75	Passaic Valley Water Commission	1605002-018	Upgrade residual treatment process to include belt thickners	347,052	$ 5,000,000	$ 2,460,000	$ 7,460,000	100	0	20	0	0	0	80	3.47052	203.47052	BIL (GEN)
76	Cape May City	0502001-002	Replacement of Existing Water Plant	18,901	$ 29,700,000	$ 348,260	$ 39,204,000	100	0	20	0	0	0	80	0.18901	200.18901	BIL (GEN)
77	East Greenwich Township	0803001-004	Installation of filtration system for PFC removal at #3 Well	9,550	$ 1,741,000	$ 539,200	$ 2,280,200	200	0	0	0	0	0	0	0.0955	200.0955	
78	Lakeshore Company	1413001-001	Lakeshore Water - New Well Treatment	250	$ 342,250	$ 1,800,000	$ 410,700	200	0	0	0	0	0	0	0.0027	200.0027	
79	Newark City	0714001-011	Rehabilitation of the basculate gate at the Charlotteburgh Reservoir with alarm and control systems	285,000	$ 2,000,000	$ 1,140,000	$ 3,140,000	45	50	20	0	0	0	80	2.85	197.85	BIL (GEN)
80	Jersey City Municipal Utilities Authority	0906001-017	Boonton Plant Centrifuge	264,290	$ 1,450,200	$ 290,040	$ 1,740,240	100	50	15	0	0	0	30	2.62004	197.62004	
81	East Orange Water Commission	0705001-009	Installation of solar power at water treatment plant	80,468	$ 1,000,000	$ 700,000	$ 1,700,000	45	50	0	5	0	15	80	0.80468	195.80468	BIL (GEN)
82	East Orange City	0705001-013	WORPS Emergency Backup Power Generator Planning and Design	65,078	$ 3,420,000	$ 2,184,000	$ 5,604,000	60	50	0	5	0	0	80	0.65078	195.65078	BIL (GEN)
82	East Orange City	0705001-012	WORPS SCADA Instrumentation/Controls Planning and Design	65,078	$ 3,000,000	$ 2,070,000	$ 5,070,000	60	50	0	5	0	0	80	0.65078	195.65078	BIL (GEN)
83	Bridgeton City	0601001-006	Well 14/15 Rehabilitation	25,349	$ 5,300,000		$ 6,810,000	100	0	15	0	0	0	80	0.25349	195.25349	BIL (GEN)
84	Salem City	1712001-003	Upgrades to WTP to address taste and odor problems	5,857	$ 4,500,000	$ 2,240,000	$ 6,740,000	100	0	15	0	0	0	80	0.05857	195.05857	BIL (GEN)
85	Egg Harbor City	0107001-002	Replacement of a water treatment plant	4,700	$ 8,500,000	$ 2,768,740	$ 11,268,740	100	0	15	0	0	0	80	0.047	195.047	BIL (GEN)
86	NJ American Water Company, Incorporated	2004002-012	NJ American Water Lead Service Line Replacement Program PWSID 2004002	1	$ 6,700,000	$ 2,274,000	$ 8,974,000	125	50	0	5	5	0	0	6.1543	191.1543	

87	Camden City	0408001-021	New Auto Meter Reading Equip for entire City	77,344	$ 100,000	$ 3,108,500	$ 3,208,500	25	50	20	0	0	15	80	0.77344	190.77344	BIL (GEN)
88	Upper Deerfield Township	0613004-002	Seabrook Water Tower Replacement (Upper Deerfield)	2,964	$ 1,615,000	$ 323,000	$ 1,938,000	60	50	0	0	0	0	80	0.02964	190.02964	BIL (GEN)
89	Jersey City Municipal Utilities Authority	0906001-027	PHASE 6B WATER MAIN REHABILITATION PROJECT	247,597	$ 6,529,990		$ 8,140,309	75	50	20	5	5	0	30	2.62	187.62	
90	Jersey City Municipal Utilities Authority	0906001-029	Phase 6A Water Rehabilitation	265,510	$ 15,000,000		$ 18,800,000	75	50	20	5	5	0	30	2.61996	187.61996	
91	North Jersey District Water Supply Commission	1613001-006	Construct a 48 inch by-pass main and rehabilitate the single 70+ yr old 74 inch aqueduct	872,153	$ 15,000,000	$ 6,260,000	$ 21,260,000	75	50	20	0	0	0	30	8.72153	183.72153	
91	North Jersey District Water Supply Commission	1613001-009	Rehab of the Kearny/Bayonne Transmission main	872,153	$ 5,600,000	$ 3,526,000	$ 9,126,000	75	50	20	0	0	0	30	8.72153	183.72153	
92	Lakewood Township Municipal Utilities Authority	1514002-001	LTMUA GAC Building (New Hampshire & Shorrock St)	22,000	$ 8,350,000	$ 3,405,680	$ 10,281,500	100	0	0	0	0	0	80	0.2175	180.2175	BIL (GEN)
93	Tuckerton Borough	1532002-004	Rehabilitation of three green sand filter tanks and one backwash tank	3,365	$ 109,000	$ 49,050	$ 158,050	100	35	15	0	0	0	30	0.03365	180.03365	BIL (GEN)
94	Woodbine Borough	0516001-001	WTP Upgrade and water main extension	2,472	$ 2,537,500	$ 706,730	$ 3,244,230	100	0	0	0	0	0	80	0.0265	180.0265	BIL (GEN)
95	Passaic Valley Water Commission	1605002-015	Replace approximately 200 large antiquated valves	347,052	$ 2,000,000	$ 1,140,000	$ 3,140,000	75	0	20	0	0	0	80	3.47052	178.47052	BIL (GEN)
95	Passaic Valley Water Commission	1605002-017	Installation of 7000 LF of 12-inch main to replace Granite Ave storage tank	347,052	$ 1,700,000	$ 1,008,000	$ 2,708,000	75	0	20	0	0	0	80	3.47052	178.47052	BIL (GEN)
95	Passaic Valley Water Commission	1605002-019	Installation of 2200 LF of 12-inch main to connect Eastside Pumping station to Patersons downtown area	347,052	$ 600,000	$ 420,000	$ 1,020,000	75	0	20	0	0	0	80	3.47052	178.47052	BIL (GEN)
96	Newark City	0714001-010	Replacement of 38,234 old water meters in the distribution system.	285,000	$ 19,000,000	$ 7,540,000	$ 26,540,000	25	50	20	0	0	0	80	2.85	177.85	BIL (GEN)
97	Newark City	0714001-018	Replacement of Water Distribution Mains	273,000	$ 3,000,000	$ 2,070,000	$ 5,070,000	75	0	20	0	0	0	80	2.73	177.73	BIL (GEN)
98	Atlantic City Municipal Utilities Authority	0102001-007	Water Main Replacement Program	94,225	$ -	$ -	$ -	75	0	20	0	0	0	80	0.95	175.95	BIL (GEN)
99	Hackettstown Municipal Utilities Authority	2108001-002	Lead Service Line Replacement	185	$ 600,000		$ 807,800	125	50	0	0	0	0	0	0.22	175.22	
101	Netcong Borough	1428001-010	Borough of Netcong - Lead (Galvanized) Service Line Replacements	4,500	$ 2,250,000	$ 437,500	$ 2,820,000	125	0	15	5	0	0	30	0.03342	175.03342	BIL (GEN)
102	NJ American Water Company, Incorporated	2004002-014	RMWTP LT2ESWWTR and Filter Rehabilitation	44,464	$ 31,209,707	$ 3,088,865	$ 37,983,523	100	50	20	0	0	0	0	3.15315	173.15315	
103	Jersey City Municipal Utilities Authority	0906001-019	Route 139 Water Main Replacement Project	262,000	$ 5,000,000	$ 1,060,000	$ 6,060,000	75	50	20	5	5	0	15	2.62	172.62	
103	Jersey City Municipal Utilities Authority	0906001-035	Lead Service Line Replacement	292,449	$ 288,000	$ 2,875,600	$ 345,600	125	0	20	5	5	0	15	2.62	172.62	
104	Wildwood City	0514001-006	2019 Capital Improvements (Drinking Water)	94,333	$ 4,756,510	$ 478,605	$ 6,183,203	75	0	15	0	0	0	80	0.943327	170.94333	BIL (GEN)
105	Manchester Township	1518005-001	Various main replacements	26,877	$ 243,890	$ 56,585	$ 300,475	75	0	15	0	0	0	80	0.26877	170.26877	BIL (GEN)
107	Lower Township Municipal Utilities Authority	0505002-004	Del Haven Water Main Expansion / Wildwood Water Utility Interconnect	7,222	$ 8,550,000		$ 10,260,000	125	0	15	0	0	0	30	0.07222	170.07222	BIL (GEN)
108	Seaside Park Borough	1527001-004	Well 10 Treatment Facility	1,700	$ 495,000	$ 99,000	$ 594,000	40	50	0	0	0	0	80	0.017	170.017	
109	North Jersey District Water Supply Commission	1613001-031	Purchase and Install New Dewatering System	150	$ 2,469,700	$ 1,215,800	$ 3,685,500	100	50	20	0	0	0	0	0.0015	170.0015	
109	North Jersey District Water Supply Commission	1613001-026	Low Lift Gas Pump	872,153	$ 9,142,875	$ 3,665,650	$ 12,808,525	100	50	20	0	0	0	0	0.0015	170.0015	
111	Arthur Road Well Association	1912007-001	Connection of this system to Hopatcong Borough	60	$ 200,000	$ 299,500	$ 499,500	170	0	0	0	0	0	0	0.0006	170.0006	
112	North Jersey District Water Supply Commission	1613001-035	Rehabilitation of Pump Stations	872,153	$ 1,000,000	$ 5,181,742	$ 6,181,742	60	50	20	0	0	0	30	8.72153	168.72153	
112	North Jersey District Water Supply Commission	1613001-019	Ramapo Pump Station Improvements	872,153	$ 12,000,000	$ 6,750,000	$ 18,750,000	60	50	20	0	0	0	30	8.72153	168.72153	
112	North Jersey District Water Supply Commission	1613001-021	Implementation of alternative energy generation systems at the Wanaque TP	872,153	$ 2,500,000	$ 1,790,000	$ 4,290,000	45	50	20	0	0	15	30	8.72153	168.72153	
113	NJ American Water Company, Incorporated	1345001-021	Swimming River WTP 2nd Clearwell	335,449	$ 16,973,964	$ 5,143,230	$ 22,117,194	100	50	0	0	0	0	15	3.35449	168.35449	
115	Camden City	0408001-022	Install potable wells/flr elevations at Morris Delair WTP	46,585	$ 100,000	$ 1,160,000	$ 1,260,000	15	50	20	0	0	0	80	0.46585	165.46585	BIL (GEN)
116	Passaic Valley Water Commission	1605002-020	Replacement of Prospect Park storage tank	347,052	$ 800,000	$ 560,000	$ 1,360,000	60	0	20	0	0	0	80	3.47052	163.47052	BIL (GEN)
116	Passaic Valley Water Commission	1605002-023	Decommissing of Granite Avenue Tank	347,052	$ 1,700,000	$ 1,008,000	$ 2,708,000	60	0	20	0	0	0	80	3.47052	163.47052	BIL (GEN)
117	NJ American Water Company, Incorporated	2004002-015	Netherwood PFAS Treatment	48,000	$ 15,700,000	$ 690,000	$ 18,840,000	100	50	0	5	5	0	0	3.18148	163.18148	
118	Brick Township Municipal Utilities Authority	1506001-014	Water Main Replacement on Cartagena Drive, Alhama Drive, Cadiz Drive, Valencia Drive and Monterey Drive	86,898	$ 1,600,000	$ 495,000	$ 2,095,000	75	50	20	0	0	0	15	0.86898	160.86898	
119	Passaic Valley Water Commission	0231001-002	Lead Service Line Replacement in Lodi System	24,551	$ 6,000,000	$ 7,000,000	$ 7,200,000	125	0	0	0	5	0	30	0.24136	160.24136	BIL (LSLR)
120	Berkeley Township Municipal Utilities Authority	1505004-003	Install new solar panels at treatment plant	8,130	$ 750,000	$ 525,000	$ 1,275,000	45	0	20	0	0	15	80	0.0813	160.0813	BIL (GEN)
121	Netcong Borough	1428001-002	Replacement of leaking water mains	3,236	$ 1,150,000	$ 766,000	$ 1,916,000	75	50	15	5	0	0	15	0.03236	160.03236	
121	Netcong Borough	1428001-004	Replacement of 8in water main	3,236	$ 1,597,665	$ 962,972	$ 2,560,637	75	50	15	5	0	0	15	0.03236	160.03236	
122	Berkeley Township Municipal Utilities Authority	1505323-001	Northern Blvd Water Tower Rehabilitation Project	10,800	$ 1,600,000		$ 2,080,000	60	0	20	0	0	0	80	0.0015	160.0015	
123	Jersey City Municipal Utilities Authority	0906001-034	Boonton Water Treatment Plant Electric Substation/ Distribution System Improvements	262,000	$ 15,000,000	$ 1,700,000	$ 18,000,000	100	0	15	5	5	0	30	2.62	157.62	
124	Wildwood City	0514001-004	Wildwood Boardwalk water main replacement	45,500	$ 1,820,080	$ 674,016	$ 2,494,096	75	0	0	0	0	0	80	0.454997	155.455	BIL (GEN)
125	Dover Town	1409001-001	Lead Service Lines	16,000	$ 15,000,000		$ 18,000,000	125	0	15	0	0	0	15	0.27806	155.27806	
125	Dover Town	1409001-003	Water Main Replacement	16,000	$ 4,000,000		$ 5,080,000	75	50	15	0	0	0	15	0.27806	155.27806	
125	Dover Town	1409001-004	Valve and Fire Hydrant Replacement	16,000	$ 5,000,000	$ 3,885,120	$ 6,350,000	75	50	15	0	0	0	15	0.27806	155.27806	
129	Ventnor City	0122001-002	Water Infrastructure Project	14,076	$ 63,200,000		$ 75,940,000	125	0	0	0	0	0	30	0.14076	155.14076	BIL (GEN)
130	NJ American Water Company, Incorporated	2121001-001	Washington Twp. Main Extension	6,492	$ 5,200,000	$ 554,000	$ 6,240,000	125	0	15	0	0	0	15	0.10719	155.10719	
131	Lower Township Municipal Utilities Authority	0505002-005	LCMR - Water Main Extension	884	$ 1,741,300	$ 3,800,000	$ 2,089,560	125	0	0	0	0	0	30	0.10315	155.10315	BIL (GEN)
132	Hopatcong Borough	1912001-001	Hudson Avenue Water Main Installation	7,224	$ 750,000	$ 150,000	$ 900,000	125	0	15	0	0	15	0	0.07224	155.07224	
133	Bayonne City	0901001-005	City of Bayonne Lead Service Line Replacement Project	71,686	$ 19,000,000	$ 105,000	$ 22,800,000	125	0	0	0	0	0	30	0.063	155.063	BIL (LSLR)
135	Clementon Borough	0411001-001	Rehab of Gibbsboro Water Main (White Horse Pike & White Horse Rd.)	5,003	$ 300,000	$ 156,750	$ 456,750	75	0	0	0	0	0	80	0.05006	155.05006	BIL (GEN)
137	Sussex Borough	1921001-007	Sussex Borough Main Street Water Main Replacement Project	2,201	$ 496,477	$ 644,047	$ 595,772	75	0	0	0	0	0	80	0.02201	155.02201	BIL (GEN)
138	Sussex Borough	1921001-006	Water Systems Enhancements	2,130	$ 186,000	$ 37,200	$ 223,200	75	0	0	0	0	0	80	0.0213	155.0213	BIL (GEN)
138	Sussex Borough	1921001-005	Lake Rutherford Water Line Installation Project	2,130	$ 1,018,000	$ 203,600	$ 1,221,600	75	0	0	0	0	0	80	0.0213	155.0213	BIL (GEN)
139	Weymouth Township Municipal Utilities Authority	0123001-001	WTMUA Water Line Replacement	600	$ 4,896,800	$ 1,400,000	$ 5,876,160	125	0	0	0	0	0	30	0.0072	155.0072	BIL (GEN)
140	Newark City	0714001-014	Installation of a SCADA system	285,000	$ 2,500,000	$ 1,360,000	$ 3,860,000	1	50	20	0	0	0	80	2.85	153.85	BIL (GEN)
141	North Jersey District Water Supply Commission	1613001-018	Security system improvements - Relocation of Wanaque WTP main entrance gate closer to Ringwood Blvd	872,153	$ 3,000,000	$ 1,890,000	$ 4,890,000	45	50	20	0	0	0	30	8.72153	153.72153	
141	North Jersey District Water Supply Commission	1613001-023	Security system improvements	872,153	$ 1,500,000	$ 1,200,000	$ 2,700,000	45	50	20	0	0	0	30	8.72153	153.72153	
142	NJ American Water Company, Incorporated	1345001-018	Oak Glenn Treatment Plant Expansion	290,470	$ 26,920,000	$ 12,419,600	$ 39,339,600	100	50	0	0	0	0	0	2.9047	152.9047	

143	Middlesex Water Company	1225001-029	CJO Plant Upgrade - DBP Removal Treatment	282,741	$ 21,043,630	$ 6,201,343	$ 27,244,973	100	50	0	0	0	0	0	2.33376	152.33376	
144	East Orange Water Commission	0705001-004	Rehab of Braidburn wells #1 & #2; Canoe Brook wells #2, #3 & #4	80,468	$ 1,196,000	$ 786,240	$ 1,982,240	15	50	0	5	0	0	80	0.80468	150.80468	BIL (GEN)
144	East Orange Water Commission	0705001-005	Replacement of electrical cable for wellfield which includes Well Nos. 3, 4 & 5	80,468	$ 950,000	$ 665,000	$ 1,615,000	15	50	0	5	0	0	80	0.80468	150.80468	BIL (GEN)
145	Mahwah Township	0233001-006	Rehabilitation of Ford Wellfield treatment, pumps & motors, electrical, SCADA and transmission mains	24,062	$ 4,600,000	$ 2,250,536	$ 6,850,536	100	50	0	0	0	0	0	0.24062	150.24062	
146	Hawthorne Borough	1604001-002	Hawthorne Water Utility PFAs Treatment	18,775	$ 3,500,000	$ 342,580	$ 4,750,000	100	50	0	0	0	0	0	0.19058	150.19058	BIL (EC)
147	Freehold Borough	1315001-002	Water Plant Development	12,052	$ 5,000,000		$ 6,440,000	100	0	15	0	5	0	30	0.12052	150.12052	BIL (GEN)
148	Salem City	1712001-004	Salem City Water Meter	4,931	$ 1,092,100	$ 253,420	$ 1,345,520	35	0	15	0	5	15	80	0.04931	150.04931	BIL (GEN)
149	NJ American Water Company, Incorporated	1345001-001	Jumping Brook WTP Improvement Project	524,000	$ 48,404,702	$ 780,000	$ 61,719,924	100	0	20	5	5	0	15	0.60092	145.60092	
150	Merchantville Pennsauken Water Commission	0424001-005	Lead line removal	49,990	$ 3,500,000	$ 2,707,750	$ 4,200,000	125	0	15	0	5	0	0	0.47144	145.47144	
151	Willingboro Municipal Utilities Authority	0338001-002	Replacement of 56,000 LF of 6 and 8-inch mains-Twin Hills	34,731	$ 8,100,000	$ 2,350,880	$ 10,450,880	75	50	20	0	0	0	0	0.34731	145.34731	
151	Willingboro Municipal Utilities Authority	0338001-003	Replacement of 6 & 8 inch mains in RIttenhouse section	34,731	$ 1,585,600	$ 957,664	$ 2,543,264	75	50	20	0	0	0	0	0.34731	145.34731	
152	Vineland City	0614003-012	Upgrades to well #4 water treatment plant including a new air stripping tower	33,000	$ 756,000	$ 529,200	$ 1,285,200	100	0	15	0	0	0	30	0.33	145.33	BIL (GEN)
152	Vineland City	0614003-013	Upgrades to the existing water treatment plant at well #13 with new replacement well #18.	33,000	$ 4,000,000	$ 2,020,000	$ 6,020,000	100	0	15	0	0	0	30	0.33	145.33	BIL (GEN)
153	Stafford Township	1530004-016	Installation of 5,000 LF of main under the GSP as secondary crossing	28,868	$ 3,000,000	$ 1,580,000	$ 4,580,000	75	35	20	0	0	0	15	0.28868	145.28868	
153	Stafford Township	1530004-017	Replacement of 1,600 LF of water main on Charles Blvd	28,868	$ 363,066	$ 344,910	$ 707,976	75	35	20	0	0	0	15	0.28868	145.28868	
154	Collingswood Borough	0412001-006	Collingswood Lead Line Removal	16,000	$ 4,000,000	$ 400,000	$ 4,800,000	125	0	0	5	0	0	15	0.245	145.245	
155	Egg Harbor City	0107001-001	Construction of a new storage tank	4,700	$ 2,000,000	$ 340,000	$ 2,340,000	50	0	15	0	0	0	80	0.047	145.047	BIL (GEN)
156	Hamburg Borough	1909001-002	Water Storage Tank Rehabilitation	3,200	$ 820,000	$ 298,000	$ 1,000,000	60	50	20	0	0	0	15	0.03382	145.03382	
157	Netcong Borough	1428001-005	Roof and Structural repairs to a 1MG reservoir	3,236	$ 608,125	$ 425,687	$ 1,033,812	60	50	15	5	0	0	15	0.03236	145.03236	
158	Aqua New Jersey Incorporate	2119001-002	Lead Service Line Replacement Phillipsburg	14,950	$ 5,000,000		$ 6,390,624	125	0	0	0	0	0	15	0.26686	140.26686	
159	Manchester Utilities Authority	1603001-007	Replace existing booster station	12,111	$ 1,100,000	$ 744,000	$ 1,844,000	60	50	15	0	0	0	15	0.12111	140.12111	
160	Berkeley Township Municipal Utilities Authority	1505004-004	Install automated meter reading system	8,130	$ 500,000	$ 350,000	$ 850,000	25	0	20	0	0	15	80	0.0813	140.0813	BIL (GEN)
161	Hightstown Borough	1104001-009	Water Tank Painting & Repairs	5,567	$ 660,500	$ 762,700	$ 922,600	60	50	15	0	0	0	15	0.054	140.054	
161	Hightstown Borough	1104001-012	Lead Service Line Replacement	5,494	$ 10,000,000	$ 425,000	$ 13,500,000	125	0	15	0	0	0	0	0.054	140.054	
163	Waterford Township Municipal Utilities Authority	0435003-001	New water mains for Maximum Contaminant Level violations	2,408	$ 1,465,738	$ 904,923	$ 2,370,661	125	0	15	0	0	0	0	0.02408	140.02408	
164	Mount Arlington Borough	1426005-003	Altenbrand, Windemere, McGregor and Lee Water Main Extension	133	$ 1,529,000	$ 330,000	$ 2,020,000	125	0	15	0	0	0	0	0.01978	140.01978	
165	Jersey City Municipal Utilities Authority	0906001-016	Large Valve Replacement Program- Phase 2	264,290	$ 6,101,000	$ 1,220,200	$ 7,321,200	75	0	20	5	5	0	30	2.6429	137.6429	
166	Jersey City Municipal Utilities Authority	0906001-012	Water Main Replacement	262,000	$ 12,000,000	$ 4,643,000	$ 16,643,000	75	0	20	5	5	0	30	2.62	137.62	
166	Jersey City Municipal Utilities Authority	0906001-025	Phase 1 & 2 Water Main Replacement Project	264,161	$ 16,166,000	$ 3,345,200	$ 19,511,200	75	0	20	5	5	15	15	2.62	137.62	
166	Jersey City Municipal Utilities Authority	0906001-026	5-B Water Project	250,000	$ 6,100,000	$ 725,400	$ 7,320,000	75	0	20	5	5	0	30	2.62	137.62	
166	Jersey City Municipal Utilities Authority	0906001-032	Van Horne Street Water Improvements	265,549	$ 3,500,000	$ 226,400	$ 4,200,000	75	0	20	5	5	0	30	2.62	137.62	
166	Jersey City Municipal Utilities Authority	0906001-033	Pine Street Area Water Improvements	5,000	$ 14,412,000	$ 671,200	$ 19,023,840	75	0	20	5	5	0	30	2.62	137.62	
167	East Orange City	0705001-500/00	Install generators -White Oak Rd	80,468	$ 3,217,000	$ 1,159,440	$ 4,376,440	1	50	0	5	0	0	80	0.80468	136.80468	BIL (GEN)
169	Atlantic City Municipal Utilities Authority	0102001-009	Water Meter and MTU Replacement	75,619	$ 2,210,000	$ 350,000	$ 2,652,000	25	0	15	0	0	15	80	0.756193	135.75619	BIL (GEN)
170	Perth Amboy City	1216001-010	The Painting of the Backwash Tank and Stand Pipe Project	51,928	$ 1,316,460		$ 1,651,532	100	0	0	0	5	0	30	0.52328	135.52328	BIL (GEN)
170	Perth Amboy City	1216001-011	Upgrades to the Runyon Water Treatment Plant	55,436	$ 64,159,667		$ 83,407,567	100	0	0	0	5	0	30	0.52328	135.52328	BIL (GEN)
171	Willingboro Municipal Utilities Authority	0338001-011	Well 6 Water Treatment Plant Upgrade	34,731	$ 6,250,000	$ 2,154,000	$ 8,404,000	100	0	20	0	0	0	15	0.35	135.35	
171	Willingboro Municipal Utilities Authority	0338001-010	Well5A PFOS Treatment System Upgrade	34,731	$ 3,497,000	$ 15,118,649	$ 4,654,400	100	0	20	0	0	0	15	0.35	135.35	BIL (EC)
173	Collingswood Borough	0412001-001	Collingswood Comly Ave Water Plant	16,904	$ 6,418,510	$ 80,000	$ 8,034,312	100	0	15	5	0	0	15	0.245	135.245	
174	Passaic Valley Water Commission	1605002-010	Installation of a back up Wanaque interconnection line	347,052	$ 750,000	$ 525,000	$ 1,275,000	30	0	20	0	0	0	80	3.47052	133.47052	BIL (GEN)
174	Passaic Valley Water Commission	1605002-016	Upgrade the interconnection with United WC	347,052	$ 2,000,000	$ 1,140,000	$ 3,140,000	30	0	20	0	0	0	80	3.47052	133.47052	BIL (GEN)
174	Passaic Valley Water Commission	1605002-022	Emergency interconnection upgrade	347,052	$ 2,000,000	$ 1,140,000	$ 3,140,000	30	0	20	0	0	0	80	3.47052	133.47052	BIL (GEN)
175	Jersey City Municipal Utilities Authority	0906001-010	Journal Square North Cleaning	262,000	$ 5,000,000	$ 2,067,000	$ 7,067,000	75	0	20	5	0	0	30	2.62	132.62	
175	Jersey City Municipal Utilities Authority	0906001-009	Burma Road Area Water System Improvements	262,000	$ 2,000,000	$ 770,000	$ 2,770,000	75	0	15	5	5	0	30	2.62	132.62	
175	Jersey City Municipal Utilities Authority	0906001-030	Phase 7a Water Improvements	265,549	$ 24,797,788		$ 29,985,840	75	0	20	5	0	0	30	2.62	132.62	
176	Jersey City Municipal Utilities Authority	0906001-018	Tonnele Avenue Water Main Replacement and Relining	257,342	$ 5,540,000	$ 1,902,800	$ 7,442,800	75	0	15	5	5	0	30	2.57342	132.57342	
177	Jersey City Municipal Utilities Authority	0906001-006	Transmission Main Install	247,000	$ 13,500,000	$ 6,310,000	$ 19,810,000	75	0	20	5	0	0	30	2.47	132.47	
177	NJ City Univ. / Jersey City Municipal Utilities Authority	0906001-005	Redevelopment of Brownfield site	247,000	$ 882,867	$ 601,385	$ 1,484,252	75	0	20	5	0	0	30	2.47	132.47	
178	NJ American Water Company, Incorporated	0712001-016	NJ American Water Lead Service Line Replacement Program PWSID 0712001	217,230	$ 2,805,000	$ 1,027,600	$ 3,832,600	125	0	0	5	0	0	0	1.74985	131.74985	
182	Sayreville Borough	1219001-009	Lead Service Line Investigation and Replacement	44,243	$ 1,650,000		$ 2,044,000	125	0	0	0	5	0	0	0.43761	130.43761	
183	Montclair Township	0713001-013	Montclair Township - Lead & Galvanized Service Line Replacements - SFY23	2,000	$ 3,200,000	$ 1,372,677	$ 4,000,000	125	0	0	5	0	0	0	0.37669	130.37669	
184	Manchester Township	1518005-004	MANCHESTER TOWNSHIP 1.0MG ELEVATED TANK	21,200	$ 4,962,608	$ 380,619	$ 6,135,129	50	0	0	0	0	0	80	0.212	130.212	BIL (GEN)
185	South Orange Village	0719001-013	Lead Line Identification and Replacement	22,865	$ 7,000,000	$ 200,000	$ 8,400,000	125	0	0	5	0	0	0	0.16964	130.16964	
186	Pine Hill Municipal Utilities Authority	0428002-001	Construction of GAC filtration system for removal of IPMP - Critical Area #2	12,492	$ 250,000	$ 175,000	$ 425,000	100	0	0	0	0	0	30	0.12492	130.12492	BIL (GEN)
187	Bellmawr Borough	0404001-005	Improvements to WTP	11,583	$ 415,500	$ 83,100	$ 498,600	100	0	0	0	0	0	30	0.11583	130.11583	BIL (GEN)
188	Sussex Borough	1921001-001	Water Treatment Plant upgrades	2,666	$ 116,857	$ (16,359)	$ 100,497	100	0	0	0	0	0	30	0.02666	130.02666	BIL (GEN)
189	Bayville Central Regional Board of Education	1505355-001	Additional treatment on existing well	2,500	$ 1,000,000	$ 700,000	$ 1,700,000	100	0	0	0	0	0	30	0.025	130.025	
190	Downe Township	0604001-004	Construction of new storage tank on New Jersey Avenue	770	$ 600,000	$ 420,000	$ 1,020,000	50	0	0	0	0	0	80	0.0077	130.0077	BIL (GEN)
191	NJ American Water Company, Incorporated	1345001-019	Howell-Lakewood Transmission Main	290,470	$ 32,000,000	$ 9,050,000	$ 41,050,000	75	50	0	0	0	0	0	2.55333	127.55333	

192	Middlesex Water Company	1225001-018	Construction of a water main	233,376	$ 23,200,000	$ 8,884,000	$ 32,084,000	75	50	0	0	0	0	0	2.33376	127.33376	
192	Middlesex Water Company	1225001-019	Replacement of 5,000 LF of 24-inch cast iron mains	233,376	$ 4,200,000	$ 2,108,000	$ 6,308,000	75	50	0	0	0	0	0	2.33376	127.33376	
193	Middlesex Water Company	1225001-028	RENEW 2018 - Woodbridge Twp.	22,844	$ 8,591,350	$ 2,607,612	$ 11,198,962	75	50	0	0	0	0	0	1.33355	126.33355	
194	Atlantic City Municipal Utilities Authority	0102001-008	Water Meter Replacement Program	94,225	$ -	$ -	$ -	25	0	20	0	0	0	80	0.95	125.95	BIL (GEN)
195	Old Bridge Municipal Utilities Authority	1209002-005	Laurence Harbor Water System Upgrade, Phase 1	65,375	$ 1,753,990	$ 182,000	$ 2,315,267	75	50	0	0	0	0	0	0.67215	125.67215	
196	Bayonne Municipal Utilities Authority	0901001-004	Rehabilitation of gate house valve chamber and venturi flow meter	61,842	$ 900,000	$ 594,000	$ 1,494,000	75	0	20	0	0	0	30	0.61842	125.61842	BIL (GEN)
197	Hoboken City	0905001-002	Water Main Upgrades (2018)	54,379	$ 4,443,160	$ 1,127,465	$ 5,570,625	75	50	0	0	0	0	0	0.54379	125.54379	
198	Aqua New Jersey Incorporate	0415002-008	Replacement of 5,900 LF of water main on Lakeside, East Blenheim, Haines, Lake & Church, etc	49,350	$ 936,100	$ 723,456	$ 1,659,556	75	50	0	0	0	0	0	0.4935	125.4935	
199	Long Beach Township	1517001-013	Replacement of water mains	35,367	$ 2,466,545	$ 1,345,278	$ 3,811,823	75	50	0	0	0	0	0	0.35367	125.35367	
201	Hackettstown Municipal Utilities Authority	2108001-001	Construction of New Water Storage Tank w/ related water distribution lines	22,500	$ 3,500,000	$ 4,110,707	$ 4,445,700	60	50	15	0	0	0	0	0.22	125.22	
202	Ramsey Borough	0248001-001	Construction of mains (Rte 17, Grant & Airmount)	16,350	$ 1,690,000	$ 1,003,600	$ 2,693,600	75	50	0	0	0	0	0	0.1635	125.1635	
202	Ramsey Borough	0248001-002	Replacement of mains (Carol & Maple)	16,350	$ 1,340,000	$ 849,600	$ 2,189,600	75	50	0	0	0	0	0	0.1635	125.1635	
202	Ramsey Borough	0248001-003	Construction of mains (Rte 17, Snyder & Airmount)	16,350	$ 985,000	$ 689,500	$ 1,674,500	75	50	0	0	0	0	0	0.1635	125.1635	
202	Ramsey Borough	0248001-004	Construction of mains (Lakeview & Airmount)	16,350	$ 795,000	$ 556,500	$ 1,351,500	75	50	0	0	0	0	0	0.1635	125.1635	
204	Harrison Town	0904001-001	Cleaning & Lining of mains on Grant Ave., Cleveland Ave., & Hamilton Street	14,425	$ 5,500,000	$ 2,680,000	$ 8,180,000	75	0	20	0	0	0	30	0.14425	125.14425	
204	Harrison Town	0904001-004	Cleaning and Lining and of approximately 3,000 LF of 10, 12 and 14 inch mains	14,425	$ 2,000,000	$ 1,140,000	$ 3,140,000	75	0	20	0	0	0	30	0.14425	125.14425	
204	Harrison Town	0904001-005	Replacement of 3,160 LF of water mains on S 2nd, Frank E. Rogers Blvd & Scott Mobus Place	14,425	$ 1,500,000	$ 920,000	$ 2,420,000	75	0	20	0	0	0	30	0.14425	125.14425	
205	Clinton Town	1005001-010	West Main Street Water Main Replacement Project - Asset Management Planning	12,500	$ 998,750	$ 449,437	$ 1,448,187	75	50	0	0	0	0	0	0.125	125.125	
205	Clinton Town	1005001-014	Town of Clinton - Galvanized Service Line Replacement - SFY23	1,000	$ 3,250,000	$ 800,000	$ 4,050,000	125	0	0	0	0	0	0	0.125	125.125	
205	Clinton Town	1005001-015	Town of Clinton - Galvanized Service Line Replacement - SFY24	1,000	$ 3,250,000		$ 4,050,000	125	0	0	0	0	0	0	0.125	125.125	
205	Clinton Town	1005001-016	Town of Clinton - Galvanized Service Line Replacement - SFY25	1,000	$ 3,250,000		$ 4,050,000	125	0	0	0	0	0	0	0.125	125.125	
205	Clinton Town	1005001-017	Town of Clinton - Galvanized Service Line Replacement - SFY26	1,000	$ 3,250,000		$ 4,050,000	125	0	0	0	0	0	0	0.125	125.125	
205	Clinton Town	1005001-018	Town of Clinton - Galvanized Service Line Replacement - SFY27	1,000	$ 3,250,000		$ 4,050,000	125	0	0	0	0	0	0	0.125	125.125	
206	Aqua New Jersey Incorporate	1107002-001	Lead Service Line Replacements Lawrenceville	33,472	$ 1,000,000	$ 220,000	$ 1,278,124	125	0	0	0	0	0	0	0.08655	125.08655	
207	Spotswood Borough	1224001-001	Cleaning and lining of approximaty 3,600 LF of water mains	8,300	$ 2,528,595	$ 915,319	$ 3,443,914	75	50	0	0	0	0	0	0.083	125.083	
208	Point Pleasant Beach Borough	1525001-002	Ocean Avenue Water Main Replacement	7,733	$ 2,160,000	$ 3,900,000	$ 2,756,800	75	50	0	0	0	0	0	0.0773333	125.07733	
209	Glen Ridge Borough	0708001-008	GR-2017-LSL-R/FH-RR Lead Service Water-Line Replacement/Fire Hydrant - Repairs & Replacement & Water System Asset Management Plan	7,681	$ 1,606,395		$ 2,573,210	75	50	0	0	0	0	0	0.07681	125.07681	
209	Glen Ridge Borough	0708001-009	GR-Lead Service Lines Replacement (Main to Dwelling) - Phase 1	7,527	$ 1,200,000	$ 800,000	$ 2,000,000	125	0	0	0	0	0	0	0.07681	125.07681	
210	Passaic Valley Water Commission	0239001-002	Lead Service Line Replacement in North Arlington System	15,741	$ 8,500,000	$ 3,800,000	$ 10,200,000	125	0	0	0	0	0	0	0.03968	125.03968	
211	High Bridge Borough	1014001-003	West Main Street Water Main Upgrades	3,648	$ 350,000	$ 444,073	$ 462,000	75	50	0	0	0	0	0	0.033	125.033	
213	Hampton Borough	1013001-002	Hampton Borough - Galvanized Service Line Replacement	1,400	$ 600,000	$ 6,970,301	$ 770,000	125	0	0	0	0	0	0	0.01401	125.01401	
214	Jersey City Municipal Utilities Authority	0906001-022	Hackensack River 36" Aqueduct replacement	270,753	$ 10,000,000	$ 5,910,317	$ 12,750,000	75	0	20	5	5	0	15	2.62	122.62	
214	Jersey City Municipal Utilities Authority	0906001-024	Phase 2A Water	250,000	$ 9,700,000	$ 1,800,000	$ 11,640,000	75	0	20	5	5	0	15	2.62	122.62	
214	Jersey City Municipal Utilities Authority	0906001-023	Phase 5A Water Project	262,000	$ 7,750,000		$ 9,300,000	75	0	20	5	5	0	15	2.62	122.62	
215	Perth Amboy City	1216001-009	The Replacement of Water Meters Project	47,300	$ 575,830	$ 259,123	$ 834,953	25	0	0	0	0	15	80	0.473	120.473	BIL (GEN)
216	Willingboro Municipal Utilities Authority	0338001-012	Well No. 1 Water Treatment Plant Upgrade	34,731	$ 2,001,800	$ 1,718,944	$ 3,720,744	100	0	20	0	0	0	0	0.37731	120.37731	
217	Vineland City	0614003-017	2016 Water Distribution Rehabilitation Project	36,848	$ 1,906,425	$ 740,056	$ 2,646,481	75	0	15	0	0	0	30	0.3625	120.3625	BIL (GEN)
218	Vineland City	0614003-007	Replacement of 1.4 miles of 8-inch with 10 -inch water mains	33,000	$ 1,100,000	$ 744,000	$ 1,844,000	75	0	15	0	0	0	30	0.33	120.33	BIL (GEN)
218	Vineland City	0614003-008	Replacement of 2,300 LF of 8-, 10- and 12-inch water mains	33,000	$ 350,000	$ 245,000	$ 595,000	75	0	15	0	0	0	30	0.33	120.33	BIL (GEN)
218	Vineland City	0614003-009	Construction of .4 miles of 12-inch water mains to loop dead ends and enhance water pressure	33,000	$ 200,000	$ 140,000	$ 340,000	75	0	15	0	0	0	30	0.33	120.33	BIL (GEN)
219	Orange City	0717001-012	Orange Twp | Interconnection and Distribution Project	30,731	$ 1,200,200	$ 618,000	$ 1,440,240	30	0	0	5	5	0	80	0.30134	120.30134	BIL (GEN)
221	Wildwood City	0514001-003	Water system improvements - 2016 street & utility reconstruction	20,361	$ 2,100,000	$ 480,000	$ 2,580,000	75	0	15	0	0	0	30	0.203607	120.20361	BIL (GEN)
222	Tuckerton Borough	1532002-007	Curlew Rd. and Kingfisher Rd. Water Main Replacement and Well#3, Well#4 Rehabilitation/Repairs.	3,371	$ 1,268,730		$ 1,649,349	75	0	15	0	0	0	30	0.06285	120.06285	BIL (GEN)
223	Passaic Valley Water Commission	1605002-009	Replacement of surface water intake facilities on the Passaic River	347,052	$ 800,000	$ 560,000	$ 1,360,000	15	0	20	0	0	0	80	3.47052	118.47052	BIL (GEN)
224	Jersey City Municipal Utilities Authority	0906001-021	Phase 5 Water Mains	261,666	$ 7,000,000	$ 1,547,000	$ 8,547,000	75	0	15	5	5	0	15	2.61666	117.61666	
224	Jersey City Municipal Utilities Authority	0906001-020	Phase 3 and 4 Water Main Replacement Project	261,666	$ 2,973,465	$ 713,173	$ 3,686,638	75	0	15	5	5	0	15	2.61666	117.61666	
225	Jersey City Municipal Utilities Authority	0906001-014	Brookdale Gate House Improvements	257,342	$ 992,000	$ 674,560	$ 1,666,560	75	0	20	5	0	0	15	2.57342	117.57342	
227	Winslow Township	0436007-003	New 1.0 MG finished water storage tank	39,328	$ 1,000,000	$ 700,000	$ 1,700,000	50	50	15	0	0	0	0	0.39328	115.39328	
228	Monroe Municipal Utilities Authority	0811002-002	Water Treatment System Rehabilitation	37,117	$ 1,500,000		$ 1,800,000	100	0	0	0	0	0	15	0.26179	115.26179	
229	East Windsor Municipal Utilities Authority	1101002-006	Millstone Road Water Treatment Plant Well #9 & Well #10	25,763	$ 22,000,000	$ 1,615,802	$ 28,400,000	100	0	0	0	0	15	0	0.25	115.25	
230	Hamilton Township Municipal Utilities Authority	0112001-004	HTMUA WELL #8 REHABILITATION	23,176	$ 1,100,000	$ 3,992,144	$ 1,352,650	100	0	0	0	0	0	15	0.2172	115.2172	
231	Ship Bottom Borough	1528001-003	Water Treatment Plant Reconstruction	17,437	$ 8,000,000	$ 2,147,725	$ 9,900,000	100	0	0	0	0	0	15	0.174373	115.17437	
233	Berlin Borough	0405001-005	Repairs to Plant#1 filter and complete replacement of filter media	13,121	$ 80,500	$ 57,030	$ 137,530	100	0	15	0	0	0	0	0.13121	115.13121	
235	Hightstown Borough	1104001-003	Construct 80,000 gallon backwash tank and re-line existing lagoons	5,567	$ 450,000	$ 315,000	$ 765,000	100	0	15	0	0	0	0	0.05567	115.05567	

236	National Park Borough	0812001-001	Replacement of a WTP	3,289	$ 2,289,450	$ 1,193,852	$ 3,483,302	100	0	0	0	0	0	15	0.03289	115.03289	BIL (GEN)
237	Lakehurst Borough	1513001-003	Treatment Plant Updates	2,684	$ 558,500	$ 1,280,000	$ 670,200	100	0	0	0	0	0	15	0.0265	115.0265	
238	Sussex Borough	1921001-004	Water Meter Replacement Project	2,130	$ 338,850	$ 75,770	$ 414,620	35	0	0	0	0	0	80	0.0213	115.0213	BIL (GEN)
239	Allentown Borough	1302001-004	Water Treatment Plant Improvements	1,828	$ 1,628,000	$ 700,960	$ 2,328,960	100	0	15	0	0	0	0	0.01828	115.01828	
241	North Jersey District Water Supply Commission	1613001-034	Security, IT and Safety Projects	872,153	$ 950,350	$ 496,558	$ 1,446,908	45	50	20	0	0	0	0	0.0015	115.0015	
243	Jersey City Municipal Utilities Authority	0906001-015	Van Winkle Ave. Water Main Replacement	247,597	$ 2,799,120	$ 1,025,718	$ 3,824,838	75	0	20	0	0	0	15	2.47	112.47	
244	Middlesex Water Company	1225001-020	Replace the Tingley Lane pump station	233,376	$ 10,000,000	$ 4,660,000	$ 14,660,000	60	50	0	0	0	0	0	2.33376	112.33376	
246	Brick Township Municipal Utilities Authority	1506001-008	Undersized Water Main Replacement Cedar Park East and West	100,000	$ 4,616,240	$ 1,607,196	$ 6,223,436	75	0	20	0	0	0	15	0.86898	110.86898	
249	Kearny Town	0907001-001A	Water Facility and Ground Improv. Program	291,648	$ 20,495,142	$ 4,099,028	$ 24,594,170	75	0	20	0	0	0	15	0.41664	110.41664	
250	Long Beach Township	1517001-012	Rehabilitation of four storage tanks-Beach Haven Terrace, Brant Beach, Holgate & Pehala Park	35,367	$ 1,000,000	$ 700,000	$ 1,700,000	60	50	0	0	0	0	0	0.35367	110.35367	
252	Orange City	0717001-005	Cleaning & Lining of mains	30,000	$ 1,675,000	$ 997,000	$ 2,672,000	75	0	0	5	0	0	30	0.3	110.3	BIL (GEN)
254	Phillipsburg Redevelopment Authority	2119001-006	Installation of 5,300 LF of 8 and 12-inch water mains for a brownfield site	18,162	$ 2,099,859	$ 1,180,309	$ 3,280,168	75	0	0	0	5	0	30	0.18162	110.18162	
255	Ramsey Borough	0248001-005	Rehabilitation of Airmount reservoir	16,350	$ 430,000	$ 144,000	$ 574,000	60	50	0	0	0	0	0	0.1635	110.1635	
256	Burlington City	0305001-003	Broad Street Water Tank Rehabilitation	9,743	$ 1,790,000	$ 3,317,576	$ 2,148,000	60	0	15	5	0	0	30	0.09835	110.09835	BIL (GEN)
257	Salem City	1712001-002	Installation of a new well	5,857	$ 130,000	$ 91,000	$ 221,000	15	0	15	0	0	0	80	0.05857	110.05857	BIL (GEN)
258	Netcong Borough	1428001-011	Borough of Netcong - Watermain Replacement and Project Prioritization Planning	4,500	$ 900,000		$ 1,230,000	75	0	15	5	0	0	15	0.03342	110.03342	BIL (GEN)
259	Netcong Borough	1428001-006	Replacement of Water meters	3,236	$ 225,000	$ 157,500	$ 382,500	25	50	15	5	0	0	15	0.03236	110.03236	
260	West Cape May Borough	0512001-001	Lead Line Remediation	51	$ 625,000	$ 700,000	$ 906,250	75	0	20	0	0	0	15	0.00997	110.00997	
261	North Jersey District Water Supply Commission	1613001-030	Modify and Expand Central Receiving Building	872,153	$ 605,000	$ 511,226	$ 1,116,226	1	50	20	0	0	0	30	8.72153	109.72153	
261	North Jersey District Water Supply Commission	1613001-007	Acquisition and integration of the Kearny/Bayonne Transmission main	872,153	$ 30,000,000	$ 11,060,000	$ 41,060,000	1	50	20	0	0	0	30	8.72153	109.72153	
262	Jersey City Municipal Utilities Authority	0906001-028	Dam Security Improvements	265,932	$ 1,250,000	$ 317,200	$ 1,682,400	45	0	20	5	5	0	30	2.65932	107.65932	
263	NJ American Water Company, Incorporated	2004002-007	Painting of the Raritan Millstone backwash tank at the WTP	610,000	$ 395,000	$ 276,500	$ 671,500	100	0	0	0	0	0	0	6.1	106.1	
264	Perth Amboy City	1216001-001	Replacement of undersize water main - Center Street	50,814	$ 1,209,050	$ 791,982	$ 2,001,032	75	0	0	0	0	0	30	0.50814	105.50814	BIL (GEN)
264	Perth Amboy City	1216001-002	Replacement of undersize water main - State Street	50,814	$ 2,490,000	$ 1,355,600	$ 3,845,600	75	0	0	0	0	0	30	0.50814	105.50814	BIL (GEN)
264	Perth Amboy City	1216001-003	Cleaning & Lining of water mains-Central bussiness District	50,814	$ 1,000,000	$ 700,000	$ 1,700,000	75	0	0	0	0	0	30	0.50814	105.50814	BIL (GEN)
265	Sayreville Borough	1219001-011	Water Treatment Plant Chemical Feed Upgrades	44,243	$ 2,000,000		$ 2,600,000	100	0	0	0	5	0	0	0.43761	105.43761	
266	Montclair Township	0713001-012	Montclair Township - PFOAS and Perchlorate Treatment - Rand Well	3,800	$ 2,000,000		$ 2,570,000	100	0	0	5	0	0	0	0.37669	105.37669	BIL (EC)
267	Garfield City	0221001-004	Replacement of water mains	29,780	$ 4,200,000	$ 2,108,000	$ 6,308,000	75	0	0	0	0	0	30	0.2978	105.2978	BIL (GEN)
267	Garfield City	0221001-006	Replacement of 8,000 LF of 6-inch to 12-inch water main & replacement of 30 valves	29,780	$ 4,500,000	$ 3,415,000	$ 7,915,000	75	0	0	0	0	0	30	0.2978	105.2978	BIL (GEN)
268	Lakewood Township Municipal Utilities Authority	1514002-012	Installation of a new storage tank	25,000	$ 100,000	$ 70,000	$ 170,000	50	25	0	0	0	0	30	0.25	105.25	BIL (GEN)
269	Little Egg Harbor Municipal Utilities Authority	1516001-007	Little Egg Harbor Water Improvements Phase II	24,215	$ 1,685,470	$ 190,000	$ 2,106,664	75	0	15	0	0	0	15	0.24215	105.24215	BIL (GEN)
270	Middlesex Water Company	1225001-027	RENEW 2019 - Carteret	23,992	$ 6,900,000	$ 4,210,000	$ 11,110,000	75	0	0	0	0	15	15	0.23992	105.23992	
271	West Deptford Township	0820001-003	Water Meter Replacment Project	21,248	$ 2,958,200	$ 666,640	$ 3,624,840	25	50	0	0	0	15	15	0.21248	105.21248	
272	Manchester Township	1518005-003	Install automated meters	21,083	$ 1,600,000	$ 1,044,444	$ 2,644,444	25	0	0	0	0	0	80	0.210833	105.21083	BIL (GEN)
273	South Orange Village	0719001-008	Well 17 Air Stripper	16,198	$ 250,000	$ 112,500	$ 362,500	100	0	0	5	0	0	0	0.16964	105.16964	
274	Ventnor City	0122001-001	Clean and line 8 and 14inch water mains	12,900	$ 1,425,000	$ 865,000	$ 2,290,000	75	0	0	0	0	0	30	0.129	105.129	BIL (GEN)
275	Red Bank Borough	1340001-003	White Street Water Main	12,350	$ 468,625	$ 1,426,692	$ 562,350	75	0	15	0	0	0	15	0.1235	105.1235	
276	Manchester Utilities Authority	1603001-008	Slip line 16,000 LF unlined cast iron 16inch pipe in High Mountain in Haledon and North Haledon w/ smaller diameter pipe	12,111	$ 1,100,000	$ 744,000	$ 1,844,000	75	0	15	0	0	0	15	0.12111	105.12111	
278	Wallington Borough	0265001-001	Replacement of 6-inch mains with 8-inch mains	11,580	$ 1,295,845	$ 830,170	$ 2,126,015	75	0	0	0	0	0	30	0.1158	105.1158	
279	Gloucester City	0414001-002	Water Main replacement on Broadway & Koehler Streets	11,484	$ 799,205	$ 559,442	$ 1,358,647	75	0	0	0	0	0	30	0.11484	105.11484	BIL (GEN)
279	Gloucester City	0414001-003	Water Main replacement on Jersey Avenue	11,484	$ 2,038,605	$ 1,156,986	$ 3,195,591	75	0	0	0	0	0	30	0.11484	105.11484	BIL (GEN)
279	Gloucester City	0414001-007	Water Main replacement on Johnson Blvd.	11,484	$ 856,487	$ 599,538	$ 1,456,025	75	0	0	0	0	0	30	0.11484	105.11484	BIL (GEN)
279	Gloucester City	0414001-008	Water Main replacement on Market Street	11,484	$ 450,005	$ 315,002	$ 765,007	75	0	0	0	0	0	30	0.11484	105.11484	BIL (GEN)
279	Gloucester City	0414001-009	Water Main replacement on Park Avenue	11,484	$ 791,314	$ 553,918	$ 1,345,232	75	0	0	0	0	0	30	0.11484	105.11484	BIL (GEN)
279	Gloucester City	0414001-010	Water Main replacement on Baynes Avenue	11,484	$ 477,153	$ 334,006	$ 811,159	75	0	0	0	0	0	30	0.11484	105.11484	BIL (GEN)
279	Gloucester City	0414001-011	Water Main replacement on Brown Street, E. Brown Street, Sparks Avenue	11,484	$ 1,667,072	$ 993,509	$ 2,660,581	75	0	0	0	0	0	30	0.11484	105.11484	BIL (GEN)
279	Gloucester City	0414001-012	Water Main replacement on Nicholson Road	11,484	$ 217,305	$ 152,112	$ 369,417	75	0	0	0	0	0	30	0.11484	105.11484	BIL (GEN)
279	Gloucester City	0414001-013	Replacement of 2,200 LF of water mains on Charles Street	11,484	$ 1,118,625	$ 751,231	$ 1,869,856	75	0	0	0	0	0	30	0.11484	105.11484	BIL (GEN)
281	Hammonton Town	0113001-001	Water main extension along Egg Harbor Road, and Eighth Street to create loops and eliminate dead ends	11,300	$ 250,000	$ 175,000	$ 425,000	75	0	15	0	0	0	15	0.113	105.113	
281	Hammonton Town	0113001-002	Replacement of water mains on Central Ave., Golf Dr., & 12th Street.	11,300	$ 1,000,000	$ 700,000	$ 1,700,000	75	0	15	0	0	0	15	0.113	105.113	
281	Hammonton Town	0113001-003	Replacement of 2,900 LF of water mains on Rte 54	11,300	$ 485,000	$ 339,500	$ 824,500	75	0	15	0	0	0	15	0.113	105.113	
282	Pemberton Township	0329004-006	Various Water System Improvements	10,815	$ 400,000	$ 366,000	$ 766,000	75	0	15	0	0	0	15	0.10815	105.10815	BIL (GEN)
283	Lower Township Municipal Utilities Authority	0505002-006	LTMUA - North Cape May Water Main Replacement 1-5	39,510	$ 28,397,524	$ 395,000	$ 35,367,826	75	0	0	0	0	0	30	0.10315	105.10315	BIL (GEN)
284	Stone Harbor Borough	0510001-001	Water Main Replacement Project- Phase 1	10,283	$ 2,109,850		$ 2,531,820	75	0	15	0	0	0	15	0.102833	105.10283	

285	Pine Hill Municipal Utilities Authority	0428002-003	Erial Road Water Main Rehab and Branch Avenue Pressure Reducing Valve	10,233	$ 2,806,223		$ 3,367,467	75	0	0	0	0	0	30	0.10233	105.10233	BIL (GEN)
286	Paulsboro Borough	0814001-002	Replacement of 2,300 water meters	6,025	$ 880,000	$ 616,000	$ 1,496,000	25	0	0	0	0	0	80	0.06025	105.06025	BIL (GEN)
287	Hightstown Borough	1104001-010	2017 Water Main Improvements	5,567	$ 1,239,150	$ 536,528	$ 1,775,678	75	0	15	0	0	0	15	0.05567	105.05567	
288	Hightstown Borough	1104001-011	Hauser, Bennet and Prospect Water Mains	5,304	$ 468,825	$ 6,400,000	$ 609,472	75	0	15	0	0	0	15	0.054	105.054	
291	Sussex Borough	1921001-002	Replacement of 75 year old water mains	2,666	$ 1,402,286	$ (196,321)	$ 1,205,964	75	0	0	0	0	0	30	0.02666	105.02666	BIL (GEN)
292	Brooklawn Borough	0407001-004	Removal and replacement 1,500 LFof 6-inch water mains	2,300	$ 1,483,000	$ 912,520	$ 2,395,520	75	0	0	0	0	0	30	0.023	105.023	BIL (GEN)
293	Oak Ridge Senior Housing Community	1414008-001	Oakridge Senior Community Water Lines	100	$ 386,750	$ 143,550	$ 530,300	75	0	0	0	0	0	30	0.001	105.001	
294	NJ American Water Company, Incorporated	1345001-005	Replacement of ozone generators at Swimming River WTP	289,553	$ 519,890	$ (39,978)	$ 479,911	100	0	0	0	0	0	0	2.89553	102.89553	
295	Middlesex Water Company	1225001-025	Western Transmission Main	233,376	$ 29,000,000	$ 13,210,000	$ 42,210,000	30	50	15	5	0	0	0	2.33376	102.33376	
297	Berkeley Township Municipal Utilities Authority	1505004-002	Install new water mains	8,130	$ 5,226,820	$ 1,805,363	$ 7,032,183	1	0	20	0	0	0	80	0.0813	101.0813	BIL (GEN)
297	Berkeley Township Municipal Utilities Authority	1505004-005	Extension of water mains	8,130	$ 7,500,000	$ 5,138,330	$ 12,638,330	1	0	20	0	0	0	80	0.0813	101.0813	BIL (GEN)
298	NJ American Water Company, Incorporated	0323001-005	Woodlane WTP Improvement Project	445,702	$ 6,700,000	$ 650,000	$ 8,040,000	100	0	0	0	0	0	0	0.47427	100.47427	
301	North Brunswick Township	1215001-003	Treatment plant upgrade	38,000	$ 20,000,000	$ 7,860,000	$ 27,860,000	100	0	0	0	0	0	0	0.38	100.38	
304	Point Pleasant Borough	1524001-002	Water Treatment Plant Filter Replacement	18,651	$ 1,600,000	$ 1,589,180	$ 2,112,000	100	0	0	0	0	0	0	0.18651	100.18651	
305	Ramsey Borough	0248001-015	Installation of chlorine analyzers and pipe improvements to upgrade disinfection system at various facilities	16,350	$ 500,000	$ 180,000	$ 680,000	100	0	0	0	0	0	0	0.1635	100.1635	
307	Pequannock Township	1431001-001	PFOS & PFOA Treatment for Well #1 Dunn Place NJ1431001	14,000	$ 2,770,000	$ 333,000	$ 3,324,000	100	0	0	0	0	0	0	0.1401	100.1401	
309	Pompton Lakes Municipal Utilities Authority	1609001-003	Replacement of gas chlorination system with solid tablet chlorination system	11,435	$ 60,000	$ 54,200	$ 114,200	100	0	0	0	0	0	0	0.11435	100.11435	
311	Ringwood Borough	1611002-001	Installation of chlorination station, automatic controls & protection of pipe	9,600	$ 331,000	$ 52,960	$ 383,960	100	0	0	0	0	0	0	0.096	100.096	
312	Boonton Town	1401001-003	Wellfield Treatment Plant Upgrades	9,900	$ 2,354,500		$ 3,069,900	100	0	0	0	0	0	0	0.09532	100.09532	
313	Spotswood Borough	1224001-003	Rehabilitation of the George Street Water Treatment Plant	8,300	$ 1,650,000	$ 520,000	$ 2,177,545	100	0	0	0	0	0	0	0.083	100.083	
314	Washington Township Municipal Utilities Authority	1438004-003	WTMUA - Proposed Well SM-23 and Water Treatment Facility	7,500	$ 2,000,000	$ 360,000	$ 3,000,000	100	0	0	0	0	0	0	0.04866	100.04866	
315	Netcong Borough	1428001-003	Drill new well to meet current demand	3,236	$ 425,000	$ 297,500	$ 722,500	15	50	15	5	0	0	15	0.03236	100.03236	
316	Fayson Lake Water Company, Incorporated	1415001-001	Upgrade treatment facility	3,087	$ 525,000	$ 367,500	$ 892,500	100	0	0	0	0	0	0	0.03087	100.03087	
317	West Milford Municipal Utilities Authority	1615016-001	Wells #1,6 & 7 WTP upgrades	1,625	$ 358,000	$ 340,100	$ 698,100	100	0	0	0	0	0	0	0.01625	100.01625	
318	West Milford Municipal Utilities Authority	1615018-001	Concorde & Quincy WTP upgrades	1,260	$ 324,000	$ 226,800	$ 550,800	100	0	0	0	0	0	0	0.0126	100.0126	
319	Roosevelt Borough	1341001-005	Upgrades to water treatment plant	935	$ 246,240	$ 172,367	$ 418,607	100	0	0	0	0	0	0	0.00935	100.00935	
320	West Milford Municipal Utilities Authority	1615012-001	Well #1 WTP upgrades	635	$ 118,000	$ 112,100	$ 230,100	100	0	0	0	0	0	0	0.00635	100.00635	
321	West Milford Municipal Utilities Authority	1615002-001	Well #28 WTP Upgrades	600	$ 176,000	$ 167,200	$ 343,200	100	0	0	0	0	0	0	0.006	100.006	
322	Collier Services	1328300-003	Replace existing hypochlorination and water softener systems	350	$ 100,000	$ 70,000	$ 170,000	100	0	0	0	0	0	0	0.0035	100.0035	
323	Plausha Park Water Company	1421004-001	Install chemical feed, safety upgrades and replace the ramp and piping at the well/treatment facility	200	$ 130,000	$ 48,800	$ 178,800	100	0	0	0	0	0	0	0.002	100.002	
324	West Milford Municipal Utilities Authority	1615001-001	Moore Rd WTP upgrades	180	$ 145,000	$ 137,750	$ 282,750	100	0	0	0	0	0	0	0.0018	100.0018	
325	West Milford Municipal Utilities Authority	1615006-001	Well #6 WTP Upgrades	115	$ 256,000	$ 243,200	$ 499,200	100	0	0	0	0	0	0	0.00115	100.00115	
326	Green Briar Residential Home	1421305-001	Installation of chlorination to WTP, emergency generator, back up well	43	$ 26,000	$ 3,760	$ 29,760	100	0	0	0	0	0	0	0.00043	100.00043	
327	Cliffside Park Borough	0238001-001	Construction of water mains for a brownfield redevelopment project - Towne Centre	394,079	$ 525,000	$ 367,500	$ 892,500	75	0	0	0	5	0	15	3.94079	98.94079	
328	Trenton City	1111001-012	Pennington Reservoir Replacement	225,000	$ 85,000,000	$ 466,641	$ 107,500,000	60	0	15	0	5	0	15	2.17	97.17	BIL (GEN)
329	Atlantic City Municipal Utilities Authority	0102001-010	Asset Management Plan - Professional Consulting Services In Compliance With The New Jersey Water Quality Accountability Act	76,240	$ -	$ 725,602	$ 122,840	1	0	15	0	0	0	80	0.7624	96.7624	BIL (GEN)
330	Woodbine Borough	0516001-002	Woodbine Asset Management Plan	2,650	$ 100,000	$ 20,000	$ 120,000	1	0	15	0	0	0	80	0.0265	96.0265	BIL (GEN)
331	Brick Township Municipal Utilities Authority	1506001-009	Breton Woods Water Main Replacement - Phase I	100,000	$ 4,393,000	$ 1,535,760	$ 5,928,760	75	0	20	0	0	0	0	1	96	
333	Perth Amboy City	1216001-012	Florida Grove Road Reservoir Improvements	55,436	$ 5,133,385		$ 6,506,062	60	0	0	0	5	0	30	0.52328	95.52328	BIL (GEN)
334	Wildwood City	0514001-005	Well #39 Redevelopment	45,500	$ 315,000	$ 63,000	$ 378,000	15	0	0	0	0	0	80	0.454997	95.455	BIL (GEN)
335	Bloomfield Township	0702001-001	Cleaning and Lining of water mains	47,000	$ 1,946,500	$ 775,720	$ 2,102,220	75	0	0	5	0	0	15	0.45061	95.45061	
337	Rahway City	2013001-001	Cleaning & Lining of various water main sections	27,785	$ 900,000	$ 630,000	$ 1,530,000	75	0	0	5	0	0	15	0.27785	95.27785	
337	Rahway City	2013001-002	Cleaning & Lining of various water main sections	27,785	$ 1,100,000	$ 744,000	$ 1,844,000	75	0	0	5	0	0	15	0.27785	95.27785	
338	Mahwah Township	0233001-005	Installation of emergency generators	24,062	$ 350,000	$ 245,000	$ 595,000	45	50	0	0	0	0	0	0.24062	95.24062	
339	Burlington Township	0306001-004	Replacement of 1,500 LF of main on Lansberry Dr and LaVeer Rd	22,000	$ 214,000	$ 149,800	$ 363,800	75	0	20	0	0	0	0	0.22	95.22	
340	Barnegat Township	1533001-002	Replacement of water meters & Back flow preventers	20,935	$ 450,000	$ 315,000	$ 765,000	25	35	20	0	0	0	15	0.20935	95.20935	
342	Milltown Borough	1212001-002	Ford Ave Redevelopment	7,052	$ 1,060,000	$ 546,000	$ 1,606,000	75	0	15	0	5	0	0	0.07052	95.07052	
343	Richard Stockton College	0111304-001	Installation of solar power at water treatment plant	6,600	$ 680,000	$ 476,000	$ 1,156,000	45	0	20	0	0	15	15	0.066	95.066	
344	Clementon Borough	0411001-002	Rehab of well 9 including slip lining to improve conveyance	5,003	$ 850,000	$ 444,125	$ 1,294,125	15	0	0	0	0	0	80	0.05006	95.05006	BIL (GEN)
345	Flemington Borough	1009001-009	Additional Water Tank and Improvements	4,389	$ 3,500,000	$ 1,000,000	$ 4,500,000	60	0	0	5	0	0	30	0.04389	95.04389	BIL (GEN)
346	Hardyston Municipal Utilities Authority	1911006-002	Water Tank Refurbishment	1,963	$ 825,000	$ 165,000	$ 990,000	60	35	0	0	0	0	0	0.01963	95.01963	
347	Milltown Borough	1212001-004	Cleaning and Lining of mains and construction of 2 water main loops to eliminate dead ends	7,052	$ 1,062,500	$ 880,750	$ 1,943,250	75	0	15	0	5	0	0	0.07052	95.00007	
348	Middlesex Water Company	1225001-003	Installation of nanofiltration for hardness removal (North Tingley Lane)	233,376	$ 1,500,000	$ 920,000	$ 2,420,000	40	50	0	0	0	0	0	2.33376	92.33376	
348	Middlesex Water Company	1225001-004	Installation of nanofiltration for hardness removal (South Tingley Lane)	233,376	$ 2,000,000	$ 1,140,000	$ 3,140,000	40	50	0	0	0	0	0	2.33376	92.33376	

350	Orange City	0717001-006	asset management plan	30,134	$ 6,000,000	$ 1,220,000	$ 7,200,000	1	0	0	5	5	0	80	0.30134	91.30134	BIL (GEN)
350	Orange City	0717001-016	Orange Twp | Water System Hydraulic Model, GIS, AMP	32,000	$ 780,500	$ 527,545	$ 936,600	1	0	0	5	5	0	80	0.30134	91.30134	BIL (GEN)
351	Brick Township Municipal Utilities Authority	1506001-013	Water Main Stream Crossings Replacements at Route 70 (16" Diameter), at the Beaver Dam Creek at Midstreams Road (16" Diameter), and Five 12" Diameter Stream Crossings in the Township of Brick	100,000	$ 3,074,560	$ 1,113,859	$ 4,188,419	75	0	0	0	0	0	15	0.86898	90.86898	
352	Bayonne City	0901001-006	Aqueduct Replacement	63,000	$ 8,737,229	$ 1,747,445	$ 10,484,674	75	0	0	0	0	0	15	0.63	90.63	BIL (GEN)
353	Hoboken City	0905001-003	Water Main Upgrades Phase II	54,379	$ 4,200,000	$ 3,178,333	$ 5,040,000	75	0	15	0	0	0	0	0.52	90.52	
354	Monroe Municipal Utilities Authority	0811002-001	Tank Painting	36,908	$ 1,338,500	$ 482,000	$ 1,606,200	60	0	0	0	0	0	30	0.36908	90.36908	
355	Belleville Township	0701001-006	Clara Maass Hospital Water Main Extension	36,010	$ 646,700	$ 614,365	$ 1,261,065	75	0	0	0	0	0	15	0.3601	90.3601	
356	Belleville Township	0701001-001	Extension of 12 inch water main to the Medical Center	35,928	$ 350,000	$ 245,000	$ 595,000	75	0	0	0	0	0	15	0.35928	90.35928	
356	Belleville Township	0701001-002	Replacement of inoperable valves & hydrants	35,928	$ 525,000	$ 367,500	$ 892,500	75	0	0	0	0	0	15	0.35928	90.35928	
357	Vineland City	0614003-014	Installation of gas generators at wells #4,6,7,8,10,11 and 12	33,000	$ 1,543,500	$ 939,140	$ 2,482,640	45	0	15	0	0	0	30	0.33	90.33	BIL (GEN)
358	Deptford Township Municipal Utilities Authority	0802001-002	Water Main Replacement at East Woodbury	30,590	$ 1,122,360		$ 1,531,832	75	0	0	0	0	0	15	0.3059	90.3059	
358	Deptford Township Municipal Utilities Authority	0802001-003	Water Main Replacement at Country Club Estates	30,590	$ 893,481	$ 231,180	$ 1,188,377	75	0	0	0	0	0	15	0.3059	90.3059	
359	Garfield City	0221001-005	Replacement of the Botany Street pump station. Expansion of the SCADA system	29,780	$ 2,050,000	$ 1,162,000	$ 3,212,000	60	0	0	0	0	0	30	0.2978	90.2978	BIL (GEN)
360	Glassboro Borough	0806001-001	2.0 mg elevated tower repainting	19,992	$ 2,327,688	$ 95,000	$ 3,142,225	60	0	0	0	0	0	30	0.24244	90.24244	
361	Hamilton Township Municipal Utilities Authority	0112001-005	WATER MAIN REPLACEMENT PHASE 2	22,000	$ 3,500,000	$ 67,500	$ 4,200,000	75	0	0	0	0	0	15	0.2172	90.2172	
362	Lyndhurst Township	0232001-002	Replacement of 1,350 LF of antiquated water mains on Forest Avenue	19,800	$ 1,950,000	$ 632,000	$ 2,582,000	75	0	0	0	0	0	15	0.198	90.198	
363	Berlin Borough	0405001-006	A 12 inch water main needs to be tied in at Park Drive and White Horse Pike	13,121	$ 200,000	$ 140,000	$ 340,000	75	0	15	0	0	0	0	0.13121	90.13121	
364	Pemberton Township	0329004-001	Pinelands Water Infrastructure	2,500	$ 2,420,000	$ 1,167,000	$ 2,904,000	75	0	0	0	0	0	15	0.12378	90.12378	BIL (GEN)
365	Manasquan Borough	1327001-002	Construction of 600 LF of WM on Perrine Blvd & Mallard Park Area	12,265	$ 750,000	$ 1,004,202	$ 1,754,202	75	0	15	0	0	0	0	0.12265	90.12265	
366	Wallington Borough	0265001-002	Wallington Avenue Water Main	11,335	$ 2,084,160	$ 442,000	$ 2,500,992	75	0	0	0	0	0	15	0.11583	90.11583	
367	Pemberton Township	0329004-007	Various Water System Improvements	10,815	$ 1,710,000	$ 1,257,000	$ 2,967,000	60	0	15	0	0	0	15	0.10815	90.10815	BIL (GEN)
369	Ship Bottom Borough	1528001-004	Water Main Replacement Project	5,762	$ 3,294,705	$ 1,435,886	$ 4,053,646	75	0	0	0	0	0	15	0.05762	90.05762	
370	National Park Borough	0812001-003	Replacement of 6-inch and 10-inch water main with appurtenances	3,289	$ 228,450	$ 152,578	$ 381,028	75	0	0	0	0	0	15	0.03289	90.03289	BIL (GEN)
371	Lakehurst Borough	1513001-002	Water Main Replacement Project Phase I	2,654	$ 860,820	$ 223,813	$ 1,084,633	75	0	0	0	0	0	15	0.02654	90.02654	BIL (GEN)
372	Alpha Borough	2102001-001	Upgrades to treatment for Pursell & Alpha St wells or VOC removal, hardness and disinfection	2,500	$ 1,547,470	$ 1,201,359	$ 2,748,829	60	0	0	0	0	0	30	0.025	90.025	
373	Brooklawn Borough	0407001-005	Painting interior & exterior of water tank	2,300	$ 429,000	$ 300,300	$ 729,300	60	0	0	0	0	0	30	0.023	90.023	BIL (GEN)
374	Pemberton Borough	0328001-001	Replacement of undersized and antiquated water mains on Hough and Handover Streets	1,610	$ 490,820	$ 375,777	$ 866,597	75	0	0	0	0	0	15	0.0161	90.0161	BIL (GEN)
375	Hopewell Township	1106001-001	Water System Improvements	5,710	$ 1,000,000	$ 927,000	$ 1,285,000	75	0	15	0	0	0	0	0.00356	90.00356	
376	Fountainhead Properties Incorporate	1511013-002	Loop system with 400 LF of water main with replacement of water meters	280	$ 55,000	$ 22,680	$ 77,680	75	0	15	0	0	0	0	0.0028	90.0028	
377	Stafford Township	1530004-014	Construction of 2,600 LF of 8 and 12-inch water main on Rte 9 and Oak Ave	28,868	$ 487,224	$ 340,509	$ 827,733	1	50	20	0	0	0	15	0.28868	86.28868	
378	NJ American Water Company, Incorporated	0119002-004	Construction of a 1.5 MG elevated tank including water mains	88,088	$ 2,100,000	$ 1,184,000	$ 3,284,000	50	0	20	0	0	0	15	0.88088	85.88088	
379	Stafford Township	1530004-015	Redevelopment of wells # 2 and 5	28,868	$ 90,000	$ 66,400	$ 156,400	15	35	20	0	0	0	15	0.28868	85.28868	
381	Brick Township Municipal Utilities Authority	1506001-006	Installation of security measures in water system	134,108	$ 2,300,000	$ 1,140,000	$ 3,440,000	45	0	20	0	0	0	15	1.34108	81.34108	
382	Lakewood Township Municipal Utilities Authority	1514002-003	Administration Building Addition	21,000	$ 1,200,000	$ 240,000	$ 1,440,000	1	0	0	0	0	0	80	0.2175	81.2175	BIL (GEN)
383	NJ American Water Company, Incorporated	2004002-006	36 inch valve replacement at Madison Hill Road	610,000	$ 175,000	$ 122,500	$ 297,500	75	0	0	0	0	0	0	6.1	81.1	
384	Seaside Park Borough	1527001-003	Water Asset Management Plan	3,753	$ -	$ 70,200	$ 70,200	1	0	0	0	0	0	80	0.0375267	81.03753	
385	Perth Amboy City	1216001-500	Install New Stand-by Generator for Runyon Water Treat. Plant	50,814	$ 1,855,500	$ 852,500	$ 2,708,000	45	0	0	0	5	0	30	0.52328	80.52328	BIL (GEN)
385	Perth Amboy City	1216001-005	THE INSTALLATION OF A NEW STANDBY GENERATOR AT THE RUNYON WATER TREATMENT PLANT	366,296	$ 750,000	$ 9,087,360	$ 1,021,050	45	0	0	0	5	0	30	0.52328	80.52328	BIL (GEN)
386	Sayreville Borough	1219001-010	Water Transmission Main	44,243	$ 2,300,000		$ 2,990,000	75	0	0	0	5	0	0	0.43761	80.43761	
387	Winslow Township	0436007-004	Install appurtenances associated with new well #12 (SCADA, well house, transmission mains)	39,328	$ 1,791,000	$ 1,048,040	$ 2,839,040	15	50	15	0	0	0	0	0.39328	80.39328	
387	Winslow Township	0436007-005	Install new 500 GPM well #12	39,328	$ 228,600	$ 160,020	$ 388,620	15	50	15	0	0	0	0	0.39328	80.39328	
388	Montclair Township	0713001-002	Cleaning & Lining of water mains	38,977	$ 750,000	$ 525,000	$ 1,275,000	75	0	0	5	0	0	0	0.38977	80.38977	
388	Montclair Township	0713001-003	Replace Transmission Valves	38,977	$ 650,000	$ 455,000	$ 1,105,000	75	0	0	5	0	0	0	0.38977	80.38977	
388	Montclair Township	0713001-010	Replacement of lead service Lines - Phase III	38,977	$ 900,000	$ 324,000	$ 1,224,000	75	0	0	5	0	0	0	0.38977	80.38977	
389	Rahway City	2013001-004	Repainting of 1.5 MG elevated & 0.5 MG watersphere water tanks	27,785	$ 750,000	$ 525,000	$ 1,275,000	60	0	0	5	0	0	15	0.27785	80.27785	
390	Mahwah Township	0233001-003	Interconnection on Campgaw & Pulis Avenues	24,062	$ 1,300,000	$ 832,000	$ 2,132,000	30	50	0	0	0	0	0	0.24062	80.24062	
391	South Orange Village	0719001-009	Scotland Road Water Mains	17,000	$ 2,994,500	$ 2,560,000	$ 3,891,400	75	0	0	5	0	0	0	0.16964	80.16964	
392	Gloucester City	0414001-014	Construction of a 1.0 MG storage tank to replace standpipe	11,484	$ 3,000,000	$ 1,580,000	$ 4,580,000	50	0	0	0	0	0	30	0.11484	80.11484	BIL (GEN)
392	Gloucester City	0414001-015	Construction of a new .5 MG storage tank to maintain pressure on the east side	11,484	$ 911,511	$ 638,055	$ 1,549,566	50	0	0	0	0	0	30	0.11484	80.11484	BIL (GEN)
393	Milltown Borough	1212001-003	Ford Ave Redevelopment Agency Borough	7,052	$ 750,000	$ 876,000	$ 1,626,000	60	0	15	0	5	0	0	0.07052	80.07052	

395	NJ American Water Company, Incorporated	1345001-006	Rehab of High Service Transmission Main in Middletown	289,553	$ 5,400,000	$ 2,113,300	$ 7,513,300	75	0	0	0	0	0	0	2.89553	77.89553	
395	NJ American Water Company, Incorporated	1345001-009	East End Transmission Main Replacement	289,553	$ 1,391,309	$ 784,849	$ 2,176,158	75	0	0	0	0	0	0	2.89553	77.89553	
397	NJ American Water Company, Incorporated	0712001-008	Replacement of two large valves	217,230	$ 600,000	$ 420,000	$ 1,020,000	75	0	0	0	0	0	0	2.1723	77.1723	
398	Old Bridge Municipal Utilities Authority	1209002-002	Replacement of water mains along Lawrence Harbor Road	66,200	$ 1,600,000	$ 964,000	$ 2,564,000	75	0	0	0	0	0	0	0.662	75.662	
399	Wayne Township	1614001-001	Replacement of 2400 LF of 8-inch water main and 2000 LF of 12-inch water main - Farmingdale Area	55,000	$ 1,100,000	$ 744,000	$ 1,844,000	75	0	0	0	0	0	0	0.55	75.55	
400	Franklin Township	1808001-006	Installation of new water mains to eliminate dead end mains	50,000	$ 920,000	$ 644,000	$ 1,564,000	75	0	0	0	0	0	0	0.5	75.5	
402	East Brunswick Township	1204001-001	Replacement of undersized water mains on Wilmot, Harrison and various streets	47,000	$ 3,672,735	$ 1,959,982	$ 5,632,717	75	0	0	0	0	0	0	0.47	75.47	
403	Evesham Municipal Utilities Authority	0313001-002	2018 Water Main Replacements	45,351	$ 4,528,600	$ 1,608,720	$ 6,137,320	75	0	0	0	0	0	0	0.45351	75.45351	
403	Evesham Municipal Utilities Authority	0313001-003	Route 70 WM Replacement	45,351	$ 583,000	$ 206,600	$ 789,600	75	0	0	0	0	0	0	0.45351	75.45351	
404	North Brunswick Township	1215001-008	Old Georges Road Water Project	41,431	$ 4,000,000	$ 1,157,400	$ 4,800,000	75	0	0	0	0	0	0	0.41	75.41	
405	Sayreville Borough	1219001-004	Rehabilitate existing unlined cast iron water mains in several areas of Sayreville	40,377	$ 5,000,000	$ 2,460,000	$ 7,460,000	75	0	0	0	0	0	0	0.40377	75.40377	
405	Sayreville Borough	1219001-006	Construct new water main along Washington Road	40,377	$ 650,000	$ 429,000	$ 1,079,000	75	0	0	0	0	0	0	0.40377	75.40377	
405	Sayreville Borough	1219001-008	Clean and line water mains in several sections of the Borough	40,377	$ 2,000,000	$ 1,060,000	$ 3,060,000	75	0	0	0	0	0	0	0.40377	75.40377	
406	North Brunswick Township	1215001-002	Replacement of 4 miles of 24 inch water main from the North Brunswick Twp Treatment plant to Finnegans Lane	38,000	$ 5,000,000	$ 2,460,000	$ 7,460,000	75	0	0	0	0	0	0	0.38	75.38	
406	North Brunswick Township	1215001-004	Install 16 inch water main	38,000	$ 1,750,000	$ 264,000	$ 2,014,000	75	0	0	0	0	0	0	0.38	75.38	
406	North Brunswick Township	1215001-005	Replacement of 2,350 LF of 8 inch water mains on Excelsior and Thalia Streets and Sioux Road	38,000	$ 844,000	$ 561,200	$ 1,405,200	75	0	0	0	0	0	0	0.38	75.38	
407	East Windsor Municipal Utilities Authority	1101002-005	Twin Rivers (H section) Water Main Replacement Project	27,190	$ 1,050,070	$ 276,714	$ 1,326,784	75	0	0	0	0	0	0	0.2719	75.2719	
408	Little Egg Harbor Municipal Utilities Authority	1516001-006	Water Storage Tank Painting and Upgrades	21,333	$ 2,168,364	$ 1,200,000	$ 2,659,836	60	0	0	0	0	0	15	0.213333	75.21333	BIL (GEN)
409	West Deptford Township	0820001-004	Jessup Road Water Storage Tank Repair and Repainting	21,248	$ 2,622,530	$ 345,919	$ 3,222,036	60	0	0	0	0	0	15	0.21248	75.21248	
410	Montville Township	1421003-002	Installation of 880 LF of 8 inch water main	21,000	$ 125,000	$ 45,000	$ 170,000	75	0	0	0	0	0	0	0.21	75.21	
411	Ramsey Borough	0248001-014	Replacement of North Central Ave water main	16,350	$ 60,000	$ 68,000	$ 128,000	75	0	0	0	0	0	0	0.1635	75.1635	
412	Bordentown City	0303001-002	Replacement of 1,500 LF of 12-inch transmission mains	15,831	$ 330,000	$ 251,800	$ 581,800	75	0	0	0	0	0	0	0.15831	75.15831	
413	Pennsville Township	1708001-003	Rehabilitate .25 MG Water Street storage tank	13,250	$ 150,000	$ 105,000	$ 255,000	60	0	0	0	0	0	15	0.1325	75.1325	BIL (GEN)
414	Saddle Brook Township	0257001-001	Construction of 1,200 LF of 8-inch water mains	13,155	$ 465,000	$ 325,500	$ 790,500	75	0	0	0	0	0	0	0.13155	75.13155	
415	Mantua Township MUA	0810004-004	Centre City Water/Sewer Infrastructure Improvements	12,711	$ 3,500,000	$ 1,250,000	$ 4,750,000	75	0	0	0	0	0	0	0.12711	75.12711	
416	Clinton Town	1005001-006	Lebanon Borough Water Main Replacements - Phase 2-5	12,500	$ 2,684,475	$ 989,032	$ 3,673,507	75	0	0	0	0	0	0	0.125	75.125	
416	Clinton Town	1005001-012	WQAA Implementation - Water Infrastructure Audit and Upgrades	12,500	$ 2,500,000		$ 3,220,000	75	0	0	0	0	0	0	0.125	75.125	
417	Haddonfield Borough	0417001-001	Replacement of water main on Tanner & Woodlane with 8 inch	11,600	$ 597,262	$ 206,739	$ 804,001	75	0	0	0	0	0	0	0.116	75.116	
418	Pompton Lakes Municipal Utilities Authority	1609001-001	Abandonment of Cannonball Rd main and installation of insertion valves throughout system	11,435	$ 140,000	$ 110,000	$ 250,000	75	0	0	0	0	0	0	0.11435	75.11435	
419	North Brunswick Township	1215001-007	Water Main Replacement	41,431	$ 5,100,000	$ 314,329	$ 6,732,000	75	0	0	0	0	0	0	0.11	75.11	
420	Beachwood Borough	1504001-006	The Cable Avenue water main replacement	10,375	$ 500,000	$ 100,000	$ 600,000	75	0	0	0	0	0	0	0.10375	75.10375	
421	East Hanover Township	1410001-004	Replace Water Meters	10,000	$ 350,000	$ 245,000	$ 595,000	75	0	0	0	0	0	0	0.1	75.1	
422	Long Beach Township	1517001-015	Water Main Replacement Project	9,962	$ 2,310,000	$ 869,200	$ 3,179,200	75	0	0	0	0	0	0	0.0996167	75.09962	
423	Wanaque Borough	1613002-002	Replacement of approximately 6,000 feet of water main and services on Ringwood Avenue	9,954	$ 1,700,000	$ 232,000	$ 1,932,000	75	0	0	0	0	0	0	0.09954	75.09954	
424	Ringwood Borough	1611002-002	Replacement of undersized water mains	9,600	$ 650,000	$ 455,000	$ 1,105,000	75	0	0	0	0	0	0	0.096	75.096	
425	Aberdeen Township	1330002-001	Installation of water mains	8,900	$ 775,000	$ 758,000	$ 1,533,000	75	0	0	0	0	0	0	0.089	75.089	
425	Aberdeen Township	1330002-003	Replace deteriorated water main from Route 35/Long Neck crossing	8,900	$ 650,000	$ 455,000	$ 1,105,000	75	0	0	0	0	0	0	0.089	75.089	
425	Aberdeen Township	1330002-004	Install two water utility crossing of Route 35	8,900	$ 350,000	$ 252,000	$ 602,000	75	0	0	0	0	0	0	0.089	75.089	
426	Florham Park Borough	1411001-002	Replacement of 14 6-inch line valves, 12 hydrants and 11 services	8,857	$ 164,080	$ 114,855	$ 278,935	75	0	0	0	0	0	0	0.08857	75.08857	
428	Milltown Borough	1212001-005	Water Storage Tank Rehabilitation	7,000	$ 1,000,000	$ 950,000	$ 1,950,000	60	0	15	0	0	0	0	0.07	75.07	
431	Allentown Borough	1302001-002	Elevated Water Tank Improvements	1,828	$ 418,000	$ 131,100	$ 549,100	60	0	15	0	0	0	0	0.02	75.02	
432	Mount Arlington Borough	1426005-004	Booster Station Improvements	1,000	$ 345,000	$ 110,000	$ 524,000	60	0	15	0	0	0	0	0.01978	75.01978	
433	Island Heights Borough	1510001-004	Replacement of 75 fire hydrants and repairs to 21 fire hydrants	1,750	$ 250,800	$ (32)	$ 250,768	75	0	0	0	0	0	0	0.0175	75.0175	
434	West Milford Municipal Utilities Authority	1615016-004	Replace Fire Hydrants	1,625	$ 46,000	$ 43,700	$ 89,700	75	0	0	0	0	0	0	0.01625	75.01625	
435	Milford Borough	1020001-001	Replace 3,000 LF with 8-inch water mains on Green, Maple, Orchard, Walnut & Railroad Sts	1,347	$ 710,000	$ 563,000	$ 1,273,000	75	0	0	0	0	0	0	0.01347	75.01347	
435	Milford Borough	1020001-002	Replace 5,000 LF with 8-inch water mains on Delaware & Ravine Rds to loop system	1,347	$ 1,040,000	$ 1,442,440	$ 2,482,440	75	0	0	0	0	0	0	0.01347	75.01347	
437	Farmingdale Borough	1314001-002	Painting and repairs to water tower and other misc system improvements	1,329	$ 685,000	$ 222,000	$ 907,000	60	0	0	0	0	0	15	0.01329	75.01329	BIL (GEN)
438	West Milford Municipal Utilities Authority	1615018-004	Replace Fire Hydrants	1,260	$ 35,000	$ 24,500	$ 59,500	75	0	0	0	0	0	0	0.0126	75.0126	
440	Roosevelt Borough	1341001-006	Replacement of water lines most susceptible to breakage	933	$ 730,625	$ 744,093	$ 1,474,718	75	0	0	0	0	0	0	0.00933	75.00933	
441	Roosevelt Borough	1341001-007	Homestead, Cedar and Elm Water Mains Project.	882	$ 405,990	$ 125,700	$ 549,188	75	0	0	0	0	0	0	0.00882	75.00882	
442	Roosevelt Borough	1314001-003	Improvements to Farm Lane and School Lane	808	$ 582,057	$ 576,000	$ 773,469	75	0	0	0	0	0	0	0.0088	75.0088	
442	Roosevelt Borough	1341001-008	Improvements to Pine Drive Phase I	808	$ 305,000	$ 973,991	$ 416,750	75	0	0	0	0	0	0	0.0088	75.0088	
443	West Milford Municipal Utilities Authority	1615014-002	Replace Fire Hydrants	700	$ 17,000	$ 16,150	$ 33,150	75	0	0	0	0	0	0	0.007	75.007	
444	West Milford Municipal Utilities Authority	1615012-004	Replace Fire Hydrants	635	$ 17,000	$ 16,150	$ 33,150	75	0	0	0	0	0	0	0.00635	75.00635	
445	West Milford Municipal Utilities Authority	1615002-003	Replace Fire Hydrants	600	$ 17,000	$ 16,150	$ 33,150	75	0	0	0	0	0	0	0.006	75.006	

446	Byram Homeowners Association	1904009-006	Replacement of 77 saddles on the water mains	400	$ 250,000	$ 175,000	$ 425,000	75	0	0	0	0	0	0	0.004	75.004	
447	Collier Services	1328300-002	Replace distribution system and associated appurtenances	350	$ 254,000	$ 177,800	$ 431,800	75	0	0	0	0	0	0	0.0035	75.0035	
448	Robbinsville Township	1112001-001	Newtown Village Watermain Project	149	$ 1,615,900	$ 1,558,612	$ 2,100,670	75	0	0	0	0	0	0	0.003	75.003	
450	Lake Glenwood Village	1922010-002	Installation of 7,100 LF of 6-inch Cement Lined Ductile Iron Pipe replacement water mains	250	$ 500,000	$ 350,000	$ 850,000	75	0	0	0	0	0	0	0.0025	75.0025	
450	Lake Glenwood Village	1922010-004	Replacement of 1,000 LF of water mains on Cliffside, Toboggan & Lakeshore	250	$ 72,000	$ 50,400	$ 122,400	75	0	0	0	0	0	0	0.0025	75.0025	
451	Rosemont Water Company	1007002-002	Rehabilitate and/or replace existing distribution mains	225	$ 361,456	$ 253,016	$ 614,472	75	0	0	0	0	0	0	0.00225	75.00225	
452	Plausha Park Water Company	1421004-002	Replacement of main at stream crossing, valves and installing blow off hydrants	200	$ 95,000	$ 35,800	$ 130,800	75	0	0	0	0	0	0	0.002	75.002	
453	West Milford Municipal Utilities Authority	1615001-004	Replace Fire Hydrants	180	$ 6,000	$ 5,700	$ 11,700	75	0	0	0	0	0	0	0.0018	75.0018	
454	West Milford Municipal Utilities Authority	1615006-004	Replace Fire Hydrants	115	$ 6,000	$ 5,700	$ 11,700	75	0	0	0	0	0	0	0.00115	75.00115	
455	North Shore Water Association	1904004-002	Water System Refurb	105	$ 285,000	$ 229,000	$ 514,000	75	0	0	0	0	0	0	0.00105	75.00105	
456	Woodland Heights Homeowners Association	1615022-001	Well Rehabilitation/System Improvements	80	$ -	$ 125,000	$ 125,000	75	0	0	0	0	0	0	0.00055	75.00055	
457	Middlesex Water Company	1225001-506/00	New elevated storage tank to replace tank & PS @ Eborn	1,633,632	$ 6,100,000	$ 1,220,000	$ 7,320,000	1	50	15	5	0	0	0	2.33376	73.33376	
458	NJ American Water Company, Incorporated	2004002-013	RM WTP Emergency Generator	44,464	$ 7,980,000	$ 2,683,600	$ 10,663,600	1	50	15	0	0	0	0	6.1	72.1	
459	Barnegat Township	1533001-003	Installation of 1,700 LF of 8 inch PVC water main extension	20,935	$ 208,000	$ 145,600	$ 353,600	1	35	20	0	0	0	15	0.20935	71.20935	
460	NJ American Water Company, Incorporated	0119002-009	Installation of New Water Meters	88,088	$ 128,641	$ 90,045	$ 218,686	35	0	20	0	0	0	15	0.88088	70.88088	
461	Point Pleasant Beach Borough	1525001-001	Water Meter Replacement Project	6,204	$ 1,200,000	$ 730,000	$ 1,930,000	25	0	0	0	0	15	30	0.06204	70.06204	
462	Jersey City Municipal Utilities Authority	0906001-013	Remote Meter Reading (AMI)	257,342	$ 6,371,000	$ 3,567,760	$ 9,938,760	25	0	20	5	0	0	15	2.57342	67.57342	
463	Trenton City	1111001-007	Construction of an emergency interconnection with NJAWCo	255,000	$ 13,000,000	$ 5,620,000	$ 18,620,000	30	0	20	0	0	0	15	2.55	67.55	BIL (GEN)
464	NJ American Water Company, Incorporated	2004002-002	Hummocks Tank Painting	610,000	$ 1,698,592	$ 534,994	$ 2,233,586	60	0	0	0	0	0	0	6.1	66.1	
464	NJ American Water Company, Incorporated	2004002-003	Upgrade or replace existing booster station due to aging and obolete equipment (Roselle Station)	610,000	$ 4,446,416	$ 3,511,516	$ 7,957,932	60	0	0	0	0	0	0	6.1	66.1	
464	NJ American Water Company, Incorporated	2004002-008	Prospect Ave Tank (Mountainside) Painting	610,000	$ 350,000	$ 245,000	$ 595,000	60	0	0	0	0	0	0	6.1	66.1	
466	Montclair Township	0713001-004	Rehabilitate 2.5 MG & 1.5 MG storage tanks with piping	38,977	$ 500,000	$ 350,000	$ 850,000	60	0	0	5	0	0	0	0.38977	65.38977	
467	South Orange Village	0719001-005	Crest Drive Standpipe	16,198	$ 2,000,000	$ 770,000	$ 2,770,000	60	0	0	5	0	0	0	0.16964	65.16964	
467	South Orange Village	0719001-006	Repair or Replace Newstead Shere	16,298	$ 1,000,000	$ 450,000	$ 1,450,000	60	0	0	5	0	0	0	0.16964	65.16964	
468	Ramsey Borough	0248001-006	Rehabilitate Dixon, Martis & Spring wells	16,350	$ 250,000	$ 175,000	$ 425,000	15	50	0	0	0	0	0	0.1635	65.1635	
468	Ramsey Borough	0248001-007	Construction of 2 wells with pump station & piping	16,350	$ 3,090,000	$ 1,619,600	$ 4,709,600	15	50	0	0	0	0	0	0.1635	65.1635	
469	Freehold Borough	1315001-003	Replacement of Well No. 3	12,052	$ 1,427,000	$ 1,000,000	$ 2,152,400	15	0	15	0	5	0	30	0.12052	65.12052	BIL (GEN)
470	Manchester Utilities Authority	1603001-003	High Service Pump Station Replacement	12,028	$ 1,290,000		$ 2,000,000	50	0	15	0	0	0	0	0.12028	65.12028	
471	Hightstown Borough	1104001-001	New Wycoff Mills Water Storage Tank with transmission mains	5,567	$ 825,000	$ 577,500	$ 1,402,500	50	0	15	0	0	0	0	0.05567	65.05567	
472	NJ American Water Company, Incorporated	1345001-008	Rehab of Newman Springs Pumping Station	289,553	$ 400,000	$ 280,000	$ 680,000	60	0	0	0	0	0	0	2.89553	62.89553	
472	NJ American Water Company, Incorporated	1345001-010	Sunset Avenue and Monterey Tank Painting	289,553	$ 600,000	$ 420,000	$ 1,020,000	60	0	0	0	0	0	0	2.89553	62.89553	
474	NJ American Water Company, Incorporated	0712001-006	Short Hills Tank Painting	217,230	$ 400,000	$ 280,000	$ 680,000	60	0	0	0	0	0	0	2.1723	62.1723	
475	NJ American Water Company, Incorporated	0119002-010	Replacement of Water Meters	88,088	$ 322,686	$ 225,878	$ 548,564	25	0	20	0	0	0	15	0.88088	60.88088	
477	Parsippany Troy Hills Township	1429001-004	Repainting of 1 MG water storage tank	50,649	$ 820,000	$ 39,000	$ 859,000	60	0	0	0	0	0	0	0.50649	60.50649	
478	Franklin Township	1808001-004	Replacement of 2 elevated storage tanks	50,000	$ 7,500,000	$ 3,560,000	$ 11,060,000	60	0	0	0	0	0	0	0.5	60.5	
480	Sayreville Borough	1219001-002	Rehabilitate the pump station facility and surface intake on the South River located in Sayreville	40,377	$ 300,000	$ 210,000	$ 510,000	60	0	0	0	0	0	0	0.40377	60.40377	
480	Sayreville Borough	1219001-003	Rehabilitate existing 3 MG tank	40,377	$ 2,500,000	$ 1,260,000	$ 3,760,000	60	0	0	0	0	0	0	0.40377	60.40377	
481	Marlboro Township	1328002-003	Beacon Hill storge tank Rehab	29,481	$ 1,200,000	$ 514,000	$ 1,714,000	60	0	0	0	0	0	0	0.2948	60.2948	
481	Marlboro Township	1328002-006	Tennent Road Booster Pump Station	41,502	$ 1,200,000		$ 1,533,000	60	0	0	0	0	0	0	0.2948	60.2948	
481	Marlboro Township	1328002-008	Tennent Road Tank	41,502	$ 3,000,000	$ 248,000	$ 3,705,000	60	0	0	0	0	0	0	0.2948	60.2948	
482	Mahwah Township	0233001-010	Rehabilitation of Campgaw elevated storage tank	24,062	$ 380,000	$ 141,160	$ 521,160	60	0	0	0	0	0	0	0.24062	60.24062	
483	Montville Township	1421003-003	Storage tank rehabilitation, which includes increasing the capacity of 0.25 MG tank to 0.33 MG	21,000	$ 300,000	$ 210,000	$ 510,000	60	0	0	0	0	0	0	0.21	60.21	
484	Point Pleasant Borough	1524001-001	Replacement of the Clifton Ave storage tank	19,306	$ 1,200,000	$ 172,000	$ 1,372,000	60	0	0	0	0	0	0	0.19306	60.19306	
485	West Caldwell Township	0721001-001	Rehabilitation of McKinley Ave storage tank	18,296	$ 648,000	$ (25,600)	$ 622,400	60	0	0	0	0	0	0	0.18296	60.18296	
486	Sparta Township	1918004-001	Installation of a 600 KW wind turbine generator at Germany Flats Water Utility	15,726	$ 1,281,800	$ (51,272)	$ 1,230,528	45	0	0	0	0	15	0	0.15726	60.15726	
487	Verona Township	0720001-004	Acquisition of the ECUA Jail Annex tank plus rehab and upgrading of the tank	13,641	$ 500,000	$ 350,000	$ 850,000	60	0	0	0	0	0	0	0.13641	60.13641	
487	Verona Township	0720001-005	Rehabilitation of the 2 MG Fairview Avenue storage tank	13,641	$ 700,500	$ 462,330	$ 1,162,830	60	0	0	0	0	0	0	0.13641	60.13641	
488	Oakland Borough	0220001-004	Iroquois Pumping Station - Rehabilitation	12,959	$ 75,000	$ 33,750	$ 108,750	60	0	0	0	0	0	0	0.12959	60.12959	
490	Clinton Town	1005001-013	Foster Wheeler Booster Pump Station Modifications - Asset Management Planning	214	$ 2,190,000	$ 588,000	$ 2,778,000	60	0	0	0	0	0	0	0.125	60.125	
491	Pompton Lakes Municipal Utilities Authority	1609001-002	Rehabilitation of the exterior of the existing 1.0 MG tank	11,435	$ 170,000	$ 117,000	$ 287,000	60	0	0	0	0	0	0	0.11435	60.11435	
491	Pompton Lakes Municipal Utilities Authority	1609001-005	Replacement of water storage tanks with a 1.0 MG tank	11,435	$ 900,000	$ 620,000	$ 1,520,000	60	0	0	0	0	0	0	0.11435	60.11435	
492	Brigantine City	0103001-501	Installation of Generators at well	11,117	$ 677,100	$ 2,139,882	$ 2,816,982	45	0	0	0	0	0	15	0.11117	60.11117	
493	Florham Park Borough	1411001-003	Rehabilitation of a 1.0 MG storage tank	8,857	$ 610,000	$ 427,000	$ 1,037,000	60	0	0	0	0	0	0	0.08857	60.08857	
494	North Caldwell Borough	0715001-001	Rehabilitate a 1.29 MG steel water tank. Remove and replace 800 feet of existing chain link fence	6,000	$ 470,000	$ 329,000	$ 799,000	60	0	0	0	0	0	0	0.06	60.06	

495	Washington Township Municipal Utilities Authority	1438004-001	WTMUA - Water Tank Rehabilitation & Well Sm-3 Decommissioning	7,500	$ 1,600,000	$ 1,004,000	$ 1,995,000	60	0	0	0	0	0	0	0.04866	60.04866	
496	Brielle Borough	1308001-004	Brielle Drinking Water Storage Tank Project	4,774	$ 3,810,000	$ 1,066,800	$ 4,876,800	60	0	0	0	0	0	0	0.048	60.048	
497	Allamuchy Township	2101001-001	Water Storage Tank Replacement Project	5,335	$ 350,000		$ 460,000	60	0	0	0	0	0	0	0.04573	60.04573	
498	Flemington Borough	1009001-008	Installation of wells #1B and 1C	4,250	$ 125,000	$ 43,500	$ 168,500	15	0	15	0	0	0	30	0.0425	60.0425	BIL (GEN)
499	Ho-Ho-Kus Borough	0228001-001	Water Tank Upgrade	4,078	$ 640,000	$ 2,783,456	$ 928,000	60	0	0	0	0	0	0	0.0406	60.0406	
500	Fayson Lake Water Company, Incorporated	1415001-003	Replace existing 0.1 MG Stony Brook storage tank with a 0.25 MG tank	3,087	$ 630,000	$ 441,000	$ 1,071,000	60	0	0	0	0	0	0	0.03087	60.03087	
501	Bayville Central Regional Board of Education	1505355-002	Construction of new interconnection with existing municipal water system	2,500	$ 1,000,000	$ 700,000	$ 1,700,000	30	0	0	0	0	0	30	0.025	60.025	
502	Borough of Wenonah	0819001-001	Water System Asset Management Plan and System Improvements - Water Tank Rehabilitation	2,278	$ 1,500,000		$ 1,880,000	60	0	0	0	0	0	0	0.02357	60.02357	
503	Essex Fells Borough	0706001-001	Rehabilitate 1 MG water storage tank	2,200	$ 360,000	$ 188,000	$ 548,000	60	0	0	0	0	0	0	0.022	60.022	
504	Glen Gardner Borough	1012001-001	Rehabilitate storage tank	1,902	$ 350,000	$ 356,000	$ 706,000	60	0	0	0	0	0	0	0.01902	60.01902	
505	Brookwood Musconetcong River Property Owners Association	1904001-005	Tower Painting & Meter System	422	$ 308,093	$ 648,000	$ 369,711	60	0	0	0	0	0	0	0.012	60.012	
505	Stillwater Township	1920001-002	Painting interior of water tank	1,200	$ 40,000	$ 28,000	$ 68,000	60	0	0	0	0	0	0	0.012	60.012	
506	Manchester Utilities Authority	1603301-001	Reactivation of the Tilt St Spring	1,000	$ 68,750	$ 48,126	$ 116,876	15	0	15	0	0	0	30	0.01	60.01	
507	Collier Services	1328300-001	Replace existing 24,000 gallon elevated storage tank to prevent freezing and leakage	350	$ 350,000	$ 245,000	$ 595,000	60	0	0	0	0	0	0	0.0035	60.0035	
508	Rosemont Water Company	1007002-003	Replace existing underground hydro-pneumatic tank with ground level storage tank	225	$ 38,860	$ 27,201	$ 66,061	60	0	0	0	0	0	0	0.00225	60.00225	
509	Plausha Park Water Company	1421004-003	Rehabilitation of concrete storage facility including security measures and instrumentation	200	$ 135,000	$ 51,000	$ 186,000	60	0	0	0	0	0	0	0.002	60.002	
510	Wonder Lakes Properties, Incorporate	1615017-003	Replace hydro-pneumatic tank and install new tank	170	$ 25,000	$ 16,900	$ 41,900	60	0	0	0	0	0	0	0.00105	60.00105	
513	Lakewood Township Municipal Utilities Authority	1514002-013	iInstallation of SCADA	25,000	$ 125,000	$ 87,500	$ 212,500	1	25	0	0	0	0	30	0.25	56.25	BIL (GEN)
514	Bloomfield Township	0702001-002	Water Meter Replacement	47,982	$ 6,000,000	$ 416,832	$ 7,230,970	35	0	0	5	0	15	0	0.47982	55.47982	
515	Winslow Township	0436007-010	Well #2 Filter Plant Upgrade	39,147	$ 2,365,000	$ 762,000	$ 3,036,000	40	0	0	0	0	0	15	0.39147	55.39147	
516	Montclair Township	0713001-011	New 1.0MG High Zone Tank	37,766	$ 2,412,250	$ 1,652,808	$ 4,065,058	50	0	0	5	0	0	0	0.37766	55.37766	
519	Hammonton Town	0113001-007	Water Meter Replacement	11,300	$ 607,500	$ 535,500	$ 1,143,000	25	0	15	0	0	0	15	0.113	55.113	
520	Allentown Borough	1302001-003	Water Meter Replacement	1,828	$ 454,850	$ 209,670	$ 664,520	25	0	15	0	0	15	0	0.01828	55.01828	
521	NJ American Water Company, Incorporated	0327001-008	Installation of a booster station including associated apputenances at Barrington	253,045	$ 500,000	$ 350,000	$ 850,000	50	0	0	0	0	0	0	2.53045	52.53045	
523	Mount Arlington Borough	1426005-001	Rehabilitation of the Schmitz Terrace Stand Pipe	5,187	$ 2,060,000	$ 505,650	$ 2,565,650	1	50	0	0	0	0	0	0.05187	51.05187	
524	NJ American Water Company, Incorporated	0119002-006	Smithvillve ASR Well	88,088	$ 900,000	$ 352,216	$ 1,252,216	15	0	20	0	0	0	15	0.88088	50.88088	
525	NJ American Water Company, Incorporated	0508001-006	Installation of New Water Meters	28,071	$ 105,001	$ 73,498	$ 178,499	35	0	0	0	0	0	15	0.28071	50.28071	
527	Mahwah Township	0233001-011	Installation of a new Nilson Ave. Booser Pump Station	24,062	$ 1,400,000	$ 675,504	$ 2,075,504	50	0	0	0	0	0	0	0.24062	50.24062	
528	South Orange Village	0719001-002	Well 17 Emergency Power	16,198	$ 50,000	$ 22,500	$ 72,500	45	0	0	5	0	0	0	0.16964	50.16964	
529	Bordentown City	0303001-005	Construct a 1.25 MG storage tank	15,831	$ 2,600,000	$ 832,000	$ 3,432,000	50	0	0	0	0	0	0	0.15831	50.15831	
530	Verona Township	0720001-003	Construction of a new Fairview Ave tank	13,641	$ 2,000,000	$ 1,140,000	$ 3,140,000	50	0	0	0	0	0	0	0.13641	50.13641	
531	East Hanover Township	1410001-005	Construction of a new water storage tank	10,000	$ 2,500,000	$ 1,360,000	$ 3,860,000	50	0	0	0	0	0	0	0.1	50.1	
532	Brielle Borough	1308001-005	Old Bridge Road Elevated Water Storage Tank	4,774	$ 2,913,000	$ 588,541	$ 3,629,400	50	0	0	0	0	0	0	0.04774	50.04774	
533	Harding Woods Mobile Home Community	1710001-002	Installation of new water meters in Harding Woods Mobile Home Park	1,103	$ 210,000	$ 147,000	$ 357,000	35	0	0	0	0	0	15	0.01103	50.01103	
534	Lake Glenwood Village	1922010-003	Installation of a new 8,000 gal. underground concrete water storage tank	250	$ 50,000	$ 35,000	$ 85,000	50	0	0	0	0	0	0	0.0025	50.0025	
535	North Shore Water Association	1904004-003	Installation of storage tank	105	$ 300,000	$ 60,000	$ 360,000	50	0	0	0	0	0	0	0.00105	50.00105	
536	Colby Homeowners Association Water Company	1904007-002	Installation of a new storage tank	75	$ 150,000	$ 105,000	$ 255,000	50	0	0	0	0	0	0	0.00075	50.00075	
538	Washington Township Municipal Utilities Authority	0818004-008	Installation of solar system for wells # 18, 19 & 20	48,559	$ 638,000	$ 446,600	$ 1,084,600	45	0	0	0	0	0	0	0.48559	45.48559	
539	Vineland City	0614003-015	Well No. 17 Installation	36,848	$ 100,000	$ 95,000	$ 195,000	15	0	15	0	0	0	15	0.36848	45.36848	BIL (GEN)
540	Vineland City	0614003-016	Well 17 Treatment Facility	36,848	$ 5,900,000	$ 2,018,000	$ 7,918,000	15	0	15	0	0	0	15	0.3625	45.3625	BIL (GEN)
541	Jackson Township Municipal Utilities Authority	1511001-008	Installation of a water main and booster station to interconnect the Legler system	32,600	$ 2,766,500	$ 1,477,260	$ 4,243,760	30	0	15	0	0	0	0	0.326	45.326	
542	Garfield City	0221001-003	Rehabilitation of Well 1A	29,780	$ 400,000	$ 280,000	$ 680,000	15	0	0	0	0	0	30	0.2978	45.2978	BIL (GEN)
543	East Windsor Municipal Utilities Authority	1101002-004	Installation of solar panels at 2 facilities	27,200	$ 1,522,500	$ 929,900	$ 2,452,400	45	0	0	0	0	0	0	0.272	45.272	
544	Burlington Township	0306001-003	Purchase of water meters to replace existing meters-Phases 2 to 4	22,000	$ 250,000	$ (10,000)	$ 240,000	25	0	20	0	0	0	0	0.22	45.22	
545	Oakland Borough	0220001-003	Well 9 - Diesel Generator	12,959	$ 100,000	$ 45,000	$ 145,000	45	0	0	0	0	0	0	0.12959	45.12959	
547	Pompton Lakes Municipal Utilities Authority	1609001-004	Installation of emergency generator at wells	11,435	$ 175,000	$ 122,500	$ 297,500	45	0	0	0	0	0	0	0.11435	45.11435	
548	Freehold Borough	1315001-001	Replace and construct two well houses that protect well pumps	11,029	$ 125,000	$ 87,500	$ 212,500	15	0	15	0	0	0	15	0.11029	45.11029	BIL (GEN)
549	Pemberton Township	0329004-005	Replacing Well #4 with Well #14	10,815	$ 265,000	$ 247,000	$ 512,000	15	0	15	0	0	0	15	0.10815	45.10815	BIL (GEN)
549	Pemberton Township	0329004-010	Conversion of test well #14 to production well	10,815	$ 400,000	$ 280,000	$ 680,000	15	0	15	0	0	0	15	0.10815	45.10815	BIL (GEN)
550	Pine Hill Municipal Utilities Authority	0428002-005	PRM Backup Well #4 and Decommision of Wells #6 & #7	10,233	$ 760,000	$ 1,083,914	$ 912,000	15	0	0	0	0	0	30	0.10233	45.10233	BIL (GEN)
551	West Milford Municipal Utilities Authority	1615016-002/50	Milford Emergency Power Generators	1,625	$ 78,000	$ 15,600	$ 93,600	45	0	0	0	0	0	0	0.01625	45.01625	

551	West Milford Municipal Utilities Authority	1615016-002	Replace Generator	1,625	$ 78,000	$ 74,100	$ 152,100	45	0	0	0	0	0	0	0.01625	45.01625	
553	Forest Lakes Water Company	1904003-001	Installation of two generators	1,500	$ 110,000	$ 77,000	$ 187,000	45	0	0	0	0	0	0	0.015	45.015	
553	Hampton Borough	1013001-001	New back up well 5 to address firm capacity requirements	1,500	$ 900,000	$ 180,000	$ 1,080,000	15	0	0	0	0	0	30	0.015	45.015	
554	West Milford Municipal Utilities Authority	1615018-002/50	Bald Eagle Emergency Power Generators	1,260	$ 60,000	$ 12,000	$ 72,000	45	0	0	0	0	0	0	0.0126	45.0126	
554	West Milford Municipal Utilities Authority	1615018-002	Replace Generator	1,260	$ 60,000	$ 42,000	$ 102,000	45	0	0	0	0	0	0	0.0126	45.0126	
555	West Milford Municipal Utilities Authority	1615014-001/50	Crescent Park Emergency Power Generators	700	$ 78,000	$ 15,600	$ 93,600	45	0	0	0	0	0	0	0.007	45.007	
555	West Milford Municipal Utilities Authority	1615014-001	Replace Generator	700	$ 78,000	$ 74,100	$ 152,100	45	0	0	0	0	0	0	0.007	45.007	
556	West Milford Municipal Utilities Authority	1615012-002/50	Awosting Emergency Power Generators	635	$ 78,000	$ 15,600	$ 93,600	45	0	0	0	0	0	0	0.00635	45.00635	
556	West Milford Municipal Utilities Authority	1615012-002	Replace Generator	635	$ 78,000	$ 74,100	$ 152,100	45	0	0	0	0	0	0	0.00635	45.00635	
557	West Milford Municipal Utilities Authority	1615002-002/50	Greenbrook Emergency Power Generators	600	$ 60,000	$ 12,000	$ 72,000	45	0	0	0	0	0	0	0.006	45.006	
557	West Milford Municipal Utilities Authority	1615002-002	Replace Generator	600	$ 60,000	$ 57,000	$ 117,000	45	0	0	0	0	0	0	0.006	45.006	
558	West Milford Municipal Utilities Authority	1615001-002/50	Birch Hill Emergency Power Generator	180	$ 60,000	$ 12,000	$ 72,000	45	0	0	0	0	0	0	0.0018	45.0018	
558	West Milford Municipal Utilities Authority	1615001-002	Replace Generator	180	$ 60,000	$ 57,000	$ 117,000	45	0	0	0	0	0	0	0.0018	45.0018	
559	West Milford Municipal Utilities Authority	1615006-002/50	Parkway Emergency Power Generator	805	$ 25,000	$ 5,000	$ 30,000	45	0	0	0	0	0	0	0.00115	45.00115	
559	West Milford Municipal Utilities Authority	1615006-002	Replace Generator	115	$ 25,000	$ 23,750	$ 48,750	45	0	0	0	0	0	0	0.00115	45.00115	
560	NJ American Water Company, Incorporated	1345001-007	Monterey Iron Removal	289,553	$ 5,000,000	$ 2,460,000	$ 7,460,000	40	0	0	0	0	0	0	2.89553	42.89553	
561	NJ American Water Company, Incorporated	2004002-009	Installation of New Water Meters	610,000	$ 161,448	$ 113,012	$ 274,460	35	0	0	0	0	0	0	6.1	41.1	
562	Belleville Township	0701001-005	Replacement of Water meters	35,928	$ 3,000,000	$ 1,580,000	$ 4,580,000	25	0	0	0	0	0	15	0.35928	40.35928	
563	NJ American Water Company, Incorporated	0508001-007	Replacement of Water Meters	28,071	$ 1,000,563	$ 700,246	$ 1,700,809	25	0	0	0	0	0	15	0.28071	40.28071	
564	Margate City	0116001-002	Margate Water Meter Project	22,333	$ 2,427,116	$ 750,816	$ 2,912,539	25	0	0	0	0	0	15	0.223333	40.22333	
565	Highland Park Borough	1207001-001	2018-19 Water System Improvements	14,245	$ 2,350,000	$ 970,000	$ 3,320,000	25	0	0	0	0	0	15	0.14245	40.14245	
566	East Hanover Township	1410001-001	Renovation of treatment plant - addition of ion exchange for well #1 & #2	10,000	$ 900,000	$ 630,000	$ 1,530,000	40	0	0	0	0	0	0	0.1	40.1	
567	Florham Park Borough	1411001-001	Construction of Water Treatment Facility for removal of manganese	8,857	$ 5,198,709	$ 2,547,431	$ 7,746,140	40	0	0	0	0	0	0	0.08857	40.08857	
568	Hopatcong Borough	1912001-005	Hopatcong Borough Water Meter Replacement Project	7,000	$ 640,000	$ 1,510,000	$ 778,000	25	0	15	0	0	0	0	0.07224	40.07224	
569	High Bridge Borough	1014001-002	Improvements to the High Bridge Water System	3,900	$ 876,465	$ 200,293	$ 1,076,758	25	0	0	0	0	15	0	0.039	40.039	
570	Hardyston Municipal Utilities Authority	1911006-001	Water Meter Replacement	1,963	$ 405,000	$ 81,000	$ 486,000	25	0	0	0	0	15	0	0.01963	40.01963	
571	NJ American Water Company, Incorporated	1345001-014	Installation of New Water Meters	289,553	$ 96,139	$ 67,287	$ 163,426	35	0	0	0	0	0	0	2.89553	37.89553	
572	NJ American Water Company, Incorporated	0327001-012	Installation of New Water Meters	253,045	$ 116,624	$ 81,635	$ 198,259	35	0	0	0	0	0	0	2.53045	37.53045	
573	Brick Township Municipal Utilities Authority	1506001-007	Chlorine Disinfection System Relocation	100,000	$ 2,400,000	$ 1,734,000	$ 4,134,000	1	0	20	0	0	0	15	1.34108	37.34108	
574	NJ American Water Company, Incorporated	0712001-014	Installation of New Water Meters	217,230	$ 171,818	$ 120,271	$ 292,089	35	0	0	0	0	0	0	2.1723	37.1723	
575	Willingboro Municipal Utilities Authority	0338001-005	Energy Savings Improvement Program (DW)	35,000	$ 1,571,647	$ 2,280,000	$ 1,885,976	1	0	20	0	0	0	15	0.35	36.35	
576	Bellmawr Borough	0404001-003	Replacement of water mains will be needed to serve a brownfield redevelopment area.	11,583	$ 6,100,000	$ 2,944,000	$ 9,044,000	1	0	0	0	5	0	30	0.11583	36.11583	BIL (GEN)
576	Bellmawr Borough	0404001-004	A new 0.3 MG storage tank is needed to serve a Brownfield redevelopment area.	11,583	$ 380,000	$ 266,000	$ 646,000	1	0	0	0	5	0	30	0.11583	36.11583	BIL (GEN)
577	Netcong Borough	1428001-001	Water System Assment Management Plan	3,250	$ 95,000	$ 350,000	$ 114,000	1	0	15	5	0	0	15	0.03342	36.03342	
578	NJ American Water Company, Incorporated	0323001-003	Installation of New Water Meters	42,035	$ 7,092	$ 4,962	$ 12,054	35	0	0	0	0	0	0	0.42035	35.42035	
579	Willingboro Municipal Utilities Authority	0338001-013	Replacement of Well No. 1	34,731	$ 433,200	$ 1,593,456	$ 2,026,656	15	0	20	0	0	0	0	0.37731	35.37731	
580	Burlington Township	0306001-002	Rehabilitate well #4	22,000	$ 75,000	$ (3,000)	$ 72,000	15	0	20	0	0	0	0	0.22	35.22	
581	South Orange Village	0719001-004	Farrell Field (Walton Ave & Audley St.) Interconnection Rehab.	16,198	$ 83,000	$ 37,350	$ 120,350	30	0	0	5	0	0	0	0.16964	35.16964	
581	South Orange Village	0719001-007	Replace Pressure Reducing Valves	16,198	$ 160,000	$ 72,000	$ 232,000	30	0	0	5	0	0	0	0.16964	35.16964	
582	South Orange Village	0719001-003	South Orange Ave and Holland Road Interconnection Rehabilitation	16,198	$ 82,500	$ 57,750	$ 140,250	30	0	0	5	0	0	0	0.16198	35.16198	
583	NJ American Water Company, Incorporated	1605001-003	Installation of New Water Meters	11,247	$ 92,036	$ 64,422	$ 156,458	35	0	0	0	0	0	0	0.11247	35.11247	
584	Collier Services	1328300-005	Install new meters and water conservation devices at Collier Services Bldgs	350	$ 3,000	$ 2,100	$ 5,100	35	0	0	0	0	0	0	0.0035	35.0035	
585	NJ American Water Company, Incorporated	0712001-004	Interconnection of Twin Lake and Short Hill Systems	217,230	$ 600,000	$ 420,000	$ 1,020,000	30	0	0	0	0	0	0	2.1723	32.1723	
586	Garfield City	0221001-007	Upgrade to SCADA	29,780	$ 50,000	$ 35,000	$ 85,000	1	0	0	0	0	0	30	0.2978	31.2978	BIL (GEN)
587	Little Egg Harbor Municipal Utilities Authority	1516001-500	Radio Road Water Treatment Plant	20,065	$ 452,200	$ 382,110	$ 834,310	1	0	15	0	0	0	15	0.20065	31.20065	BIL (GEN)
588	Hammonton Town	0113001-010	SCADA System/Water Meter Replacment Proj	11,300	$ 200,000	$ 34,000	$ 234,000	1	0	15	0	0	0	15	0.113	31.113	
589	Pemberton Township	0329004-008	Various Water System Improvements	10,815	$ 250,000	$ 234,000	$ 484,000	1	0	15	0	0	0	15	0.10815	31.10815	BIL (GEN)
590	NJ American Water Company, Incorporated	2004002-010	Replacement of Water Meters	610,000	$ 1,847,297	$ 1,072,808	$ 2,920,105	25	0	0	0	0	0	0	6.1	31.1	
591	Lower Township Municipal Utilities Authority	0505002-001	Extension of water mains to service homes that are on private wells	9,700	$ 5,000,000	$ 2,460,000	$ 7,460,000	1	0	0	0	0	0	30	0.097	31.097	BIL (GEN)
591	Lower Township Municipal Utilities Authority	0505002-002	Installation of well #10	9,700	$ 1,500,000	$ 920,000	$ 2,420,000	1	0	0	0	0	0	30	0.097	31.097	BIL (GEN)
592	Franklin Township	1808001-007	Construction of an interconnection w/ New Brunswick City	50,000	$ 600,000	$ 164,000	$ 764,000	30	0	0	0	0	0	0	0.5	30.5	
593	Jackson Township Municipal Utilities Authority	1511001-006	Construction of back up well for Manhattan Water Treatment Plant	32,600	$ 489,080	$ 342,355	$ 831,435	15	0	15	0	0	0	0	0.326	30.326	
594	NJ American Water Company, Incorporated	0508001-003	Third Street Well Replacement	28,071	$ 2,000,000	$ 1,140,000	$ 3,140,000	15	0	0	0	0	0	15	0.28071	30.28071	
595	South River Borough	1223001-003	Rehabilitation of Borough Wells	16,023	$ 875,000	$ 4,000,000	$ 1,225,000	15	0	0	0	0	0	15	0.14	30.14	
596	Berlin Borough	0405001-007	Redrilling of well, approximately 450 feet deep	13,121	$ 600,000	$ 420,000	$ 1,020,000	15	0	15	0	0	0	0	0.13121	30.13121	
597	Lavallette Borough	1515001-002	Replacement of Potable Water Supply - Well # 3	9,525	$ 3,000,000	$ 13,315,222	$ 3,750,000	15	0	0	0	0	0	15	0.0952467	30.09525	
598	Hopatcong Borough	1912001-008	Install new well and construct associated treatment facilities, SCADA system, generator & mains	7,900	$ 666,000	$ 466,200	$ 1,132,200	15	0	15	0	0	0	0	0.079	30.079	
598	Hopatcong Borough	1912001-010	Construction of a new surface water treatment plant for reactivated Elbo Pt well	7,900	$ 1,800,000	$ 1,052,000	$ 2,852,000	15	0	15	0	0	0	0	0.079	30.079	
599	Hightstown Borough	1104001-002	New Well #3 - Upgrades to plant, well house and pump	5,567	$ 500,000	$ 350,000	$ 850,000	15	0	15	0	0	0	0	0.05567	30.05567	

600	National Park Borough	0812001-002	Redevelopment/ Rehabilitation to Well 5 with a new well house	3,289	$ 94,100	$ 62,850	$ 156,950	15	0	0	0	0	0	15	0.03289	30.03289	BIL (GEN)
601	National Park Borough	0812001-004	Replacement of Wells 5 & 6	3,102	$ 1,161,000	$ 539,000	$ 1,700,000	15	0	0	0	0	0	15	0.03051	30.03051	BIL (GEN)
602	Ocean Gate Borough	1521001-003	Well Water Construction/Drilling a new well	2,800	$ 522,700	$ 145,910	$ 668,610	15	0	0	0	0	0	15	0.026	30.026	BIL (GEN)
603	Sparta Township	1918003-001	Installation of a water main interconnection	1,618	$ 545,700	$ (21,828)	$ 523,872	30	0	0	0	0	0	0	0.01618	30.01618	
604	Fountainhead Properties Incorporate	1511013-003	Rehabilitation of well #2	280	$ 36,050	$ 24,558	$ 60,608	15	0	15	0	0	0	0	0.0028	30.0028	
604	Fountainhead Properties Incorporate	1511013-004	Improvements/Replacement of well #1	280	$ 138,450	$ 50,462	$ 188,912	15	0	15	0	0	0	0	0.0028	30.0028	
605	Lake Glenwood Village	1922010-005	New well #8 for upper system	250	$ 110,000	$ 49,500	$ 159,500	15	0	15	0	0	0	0	0.0025	30.0025	
606	NJ American Water Company, Incorporated	1345001-015	Replacement of Water Meters	289,553	$ 758,658	$ 531,058	$ 1,289,716	25	0	0	0	0	0	0	2.89553	27.89553	
607	NJ American Water Company, Incorporated	0327001-013	Replacement of Water Meters	253,045	$ 6,810,000	$ 3,256,400	$ 10,066,400	25	0	0	0	0	0	0	2.53045	27.53045	
608	NJ American Water Company, Incorporated	0712001-015	Replacement of Water Meters	217,230	$ 3,459,147	$ 1,782,022	$ 5,241,169	25	0	0	0	0	0	0	2.1723	27.1723	
609	NJ American Water Company, Incorporated	1103002-001	Replacement of Water Meters	120,000	$ 4,414,176	$ 2,202,235	$ 6,616,411	25	0	0	0	0	0	0	1.2	26.2	
610	Ridgewood Village	0215001-024	Replacement of 14,629 water meters with radio frequency meters	61,700	$ 4,235,435	$ 2,123,590	$ 6,359,025	25	0	0	0	0	0	0	0.617	25.617	
611	Franklin Township	1808001-005	Replace Water Meters	50,000	$ 3,500,000	$ 1,800,000	$ 5,300,000	25	0	0	0	0	0	0	0.5	25.5	
612	North Brunswick Township	1215001-006	Water Meter Replacement	42,392	$ 4,500,000		$ 5,427,000	25	0	0	0	0	0	0	0.42392	25.42392	
613	NJ American Water Company, Incorporated	0323001-004	Replacement of Water Meters	42,035	$ 1,796,443	$ 1,047,794	$ 2,844,237	25	0	0	0	0	0	0	0.42035	25.42035	
614	Bordentown City	0303001-001	Water Meter Replacement Program	16,663	$ 2,350,000	$ 192,000	$ 2,900,000	25	0	0	0	0	0	0	0.15821	25.15821	
615	Oakland Borough	0220001-002	Replace 4600 Water Meters	12,959	$ 1,800,000	$ 706,000	$ 2,506,000	25	0	0	0	0	0	0	0.12959	25.12959	
616	Clinton Town	1005001-007	Replace Water Meters	12,500	$ 699,465	$ 314,759	$ 1,014,224	25	0	0	0	0	0	0	0.125	25.125	
617	NJ American Water Company, Incorporated	1605001-004	Replacement of Water Meters	11,247	$ 945,530	$ 661,871	$ 1,607,401	25	0	0	0	0	0	0	0.11247	25.11247	
618	Mine Hill Township	1420001-004	Replace Water Meters	3,400	$ 210,000	$ 147,000	$ 357,000	25	0	0	0	0	0	0	0.034	25.034	
619	Pine Beach Borough	1522001-001	Merion Ave. Well Replacement / Townwide Water Meter Replacement Project	2,080	$ 650,000	$ 489,400	$ 1,139,400	25	0	0	0	0	0	0	0.0208	25.0208	
620	Montclair Township	0713001-008	Nishuane Well Production & Treatment Facility	38,977	$ 1,600,000	$ 886,000	$ 2,486,000	15	0	0	5	0	0	0	0.38977	20.38977	
620	Montclair Township	0713001-006	Redevelop Glenfield Wells	38,977	$ 500,000	$ 350,000	$ 850,000	15	0	0	5	0	0	0	0.38977	20.38977	
621	South Orange Village	0719001-001	Well 17 Rehabilitation	16,198	$ 150,000	$ 67,500	$ 217,500	15	0	0	5	0	0	0	0.16964	20.16964	
623	Matawan Borough	1329001-003	Rehabilitate the Boroughs two wells	8,810	$ 232,801	$ 80,580	$ 313,381	15	0	0	5	0	0	0	0.0881	20.0881	
624	NJ American Water Company, Incorporated	1345001-011	Drill two additional wells to increase the capacity at Yellowbrook WTP	289,553	$ 3,200,000	$ 2,288,866	$ 5,488,866	15	0	0	0	0	0	0	2.89553	17.89553	
625	Belleville Township	0701001-007	Township of Belleville Asset Management Plan	36,383	$ -	$ 200,000	$ 200,000	1	0	0	0	0	0	15	0.35129	16.35129	
626	Jackson Township Municipal Utilities Authority	1511001-007	Ancillary Improvements to the Old Manhattan Water Treatment Facility	32,600	$ 1,500,000	$ 920,000	$ 2,420,000	1	0	15	0	0	0	0	0.326	16.326	
627	Hopatcong Borough	1912001-004	Small System Asset Management	7,224	$ -	$ 100,000	$ 100,000	1	0	15	0	0	0	0	0.07224	16.07224	
628	Hamburg Borough	1909001-001	Small System Asset Management	3,382	$ -	$ 75,000	$ 75,000	1	0	0	0	0	0	15	0.03382	16.03382	
629	Mount Arlington Borough	1426005-002	Windemere, Altenbrand, North Glen and Park Water Main Extension	98	$ 878,000	$ 512,000	$ 1,202,100	1	0	15	0	0	0	0	0.02229	16.02229	
630	Allentown Borough	1302001-001	Asset Management Plan	1,788	$ 42,500	$ 713,244	$ 51,000	1	0	15	0	0	0	0	0.02	16.02	
632	Parsippany Troy Hills Township	1429001-002	Replacement Well 20-R	56,000	$ 4,194,000	$ 950,000	$ 5,334,768	15	0	0	0	0	0	0	0.504	15.504	
634	Marlboro Township	1328002-004	New Stand-by Well 5A (Tennent Rd Treatment Plant & Booster Pump Station)	27,000	$ 933,000	$ 419,850	$ 1,352,850	15	0	0	0	0	0	0	0.2948	15.2948	
634	Marlboro Township	1328002-007	Well #2 Replacement	41,502	$ 2,750,000		$ 3,468,150	15	0	0	0	0	0	0	0.2948	15.2948	
634	Marlboro Township	1328002-009	Well #1 Replacement	41,502	$ 1,300,000		$ 1,660,750	15	0	0	0	0	0	0	0.2948	15.2948	
635	Lacey Township	1512001-001	Construction of two test wells # 7 and 8	26,240	$ 1,846,000	$ 396,160	$ 2,242,160	15	0	0	0	0	0	0	0.2624	15.2624	
635	Lacey Township	1512001-002	Upgrade of WTP to make wells # 7 and 8 operational	26,240	$ 2,895,200	$ 56,464	$ 2,951,664	15	0	0	0	0	0	0	0.2624	15.2624	
636	Oakland Borough	0220001-001	Construct new Well 10A as backup for Well 10	12,959	$ 100,000	$ 45,000	$ 145,000	15	0	0	0	0	0	0	0.12959	15.12959	
639	East Hanover Township	1410001-002	New Water Treatment Plant for Well 6	10,000	$ 2,275,000	$ 1,261,000	$ 3,536,000	15	0	0	0	0	0	0	0.1	15.1	
640	Harvey Cedars Borough	1509001-002	Installation of a Water Monitoring Well	3,165	$ 719,000	$ 323,550	$ 1,042,550	15	0	0	0	0	0	0	0.0316467	15.03165	
641	Pine Beach Borough	1522001-002	Merion Ave. Well Replacement / Townwide Water Meter Replacement Project	2,080	$ 325,000	$ 187,160	$ 512,160	15	0	0	0	0	0	0	0.0208	15.0208	
642	West Milford Municipal Utilities Authority	1615016-003	Rehabilitation of Well	1,625	$ 132,000	$ 125,400	$ 257,400	15	0	0	0	0	0	0	0.01625	15.01625	
643	Farmingdale Borough	1314001-001	Redevelop well #3; upgrade control system for well #3 & 4, misc improvements to the WTP	1,500	$ 446,000	$ 89,200	$ 535,200	15	0	0	0	0	0	0	0.015	15.015	BIL (GEN)
644	West Milford Municipal Utilities Authority	1615018-003	Rehabilitation of Well	1,260	$ 66,000	$ 46,200	$ 112,200	15	0	0	0	0	0	0	0.0126	15.0126	
645	NJ American Water Company, Incorporated	0809001-001	Beckett Well Replacement	1,085	$ 450,000	$ 176,108	$ 626,108	15	0	0	0	0	0	0	0.01085	15.01085	
646	West Milford Municipal Utilities Authority	1615012-003	Rehabilitation of Well	635	$ 90,000	$ 85,500	$ 175,500	15	0	0	0	0	0	0	0.00635	15.00635	
647	West Milford Municipal Utilities Authority	1615001-003	Rehabilitation of Well	180	$ 60,000	$ 57,000	$ 117,000	15	0	0	0	0	0	0	0.0018	15.0018	
648	West Milford Municipal Utilities Authority	1615006-003	Rehabilitation of Well	115	$ 66,000	$ 62,700	$ 128,700	15	0	0	0	0	0	0	0.00115	15.00115	
649	Colby Homeowners Association Water Company	1904007-001	Installation of back up well	75	$ 100,000	$ 70,000	$ 170,000	15	0	0	0	0	0	0	0.00075	15.00075	
650	South Orange Village	0719001-011	Flush Valve Removal	16,198	$ 188,546	$ 84,845	$ 273,391	1	0	0	5	0	0	0	0.16198	6.16198	
651	NJ American Water Company, Incorporated	1345001-004	Howell Water Mains - Freewood Acres	335,449	$ 5,162,000	$ 1,230,970	$ 6,194,400	1	0	0	0	0	0	0	3.35449	4.35449	
652	NJ American Water Company, Incorporated	0712001-013	Installation of water mains at redevelopment project	217,230	$ 1,000,000	$ 704,000	$ 1,704,000	1	0	0	0	0	0	0	2.1723	3.1723	
654	Washington Township Municipal Utilities Authority	0818004-002	WTMUA Complex	48,559	$ 5,000,000	$ 1,931,500	$ 6,420,000	1	0	0	0	0	0	0	0.48	1.48	
655	Sayreville Borough	1219001-005	Construct new transmission mains in the northeast section of the Borough	40,377	$ 1,000,000	$ 660,000	$ 1,660,000	1	0	0	0	0	0	0	0.40377	1.40377	
657	Marlboro Township	1328002-501/00	portable genertor @ Harbor Rd & Tennent Rd WTP	40,191	$ 1,000,000	$ 450,000	$ 1,450,000	1	0	0	0	0	0	0	0.40191	1.40191	
658	Mahwah Township	0233001-009	Construction of two new wells	24,062	$ 600,000	$ 420,000	$ 1,020,000	1	0	0	0	0	0	0	0.24062	1.24062	

659	Montville Township	1421003-001	Installation of 2,300 LF of 8 inch water main and appurtances on Hillcrest and Upper Mountain Avenues	21,000	$ 325,000	$ 227,500	$ 552,500	1	0	0	0	0	0	0	0.21	1.21	
660	Verona Township	0720001-001	Water Utility Asset Management Plan	14,572	$ 55,000	$ 2,492,000	$ 66,000	1	0	0	0	0	0	0	0.13641	1.13641	
661	Ridgefield Park Village	0238001-002	Village of Ridgefield Park Skymark Project -- Drinking Water	12,729	$ 1,281,937	$ 159,170	$ 1,752,307	1	0	0	0	0	0	0	0.12729	1.12729	
662	Jefferson Township	1414011-002	Water System Asset Management Plan	8,500	$ 100,000		$ 120,000	1	0	0	0	0	0	0	0.085	1.085	
663	Spotswood Borough	1224001-002	SPOTSWOOD WATER MASTER PLAN	8,257	$ -	$ 85,265	$ 85,265	1	0	0	0	0	0	0	0.08257	1.08257	
665	Woodland Park Borough	1616001-001	Extension of water mains to service homes that are on private wells	5,030	$ 1,730,000	$ 1,021,200	$ 2,751,200	1	0	0	0	0	0	0	0.0503	1.0503	
666	Washington Township Municipal Utilities Authority	1438004-002	WTMUA - Water System Improvements	7,500	$ 800,000	$ 421,300	$ 1,000,000	1	0	0	0	0	0	0	0.04866	1.04866	
668	High Bridge Borough	1014001-001	Asset Management Plan for the High Bridge Water System	3,900	$ -	$ 25,000	$ 25,000	1	0	0	0	0	0	0	0.039	1.039	
669	Pennington Borough	1108001-004	Asset Management Plan for Pennington Water Utility '	2,585	$ 300,000		$ 360,000	1	0	0	0	0	0	0	0.026	1.026	
670	Pennington Borough	1108001-003	Asset Management Plan for Pennington Water Utility	2,585	$ 100,000	$ 3,971,626	$ 120,000	1	0	0	0	0	0	0	0.02585	1.02585	
671	Sea Girt Borough	1344001-005	Sea Girt Borough CMMS	2,552	$ -	$ 100,000	$ 100,000	1	0	0	0	0	0	0	0.02552	1.02552	
672	Hardyston Municipal Utilities Authority	1911006-003	Asset Management Plan	1,963	$ -	$ 100,000	$ 100,000	1	0	0	0	0	0	0	0.01963	1.01963	