



NEW JERSEY ENVIRONMENTAL INFRASTRUCTURE FINANCING PROGRAM

PROJECT PRIORITY LIST AND FINANCIAL STRATEGY

Submitted to the State Legislature by

- ▶ **The New Jersey Environmental Infrastructure Trust**
- ▶ **The New Jersey Department of Environmental Protection**

JANUARY 2010

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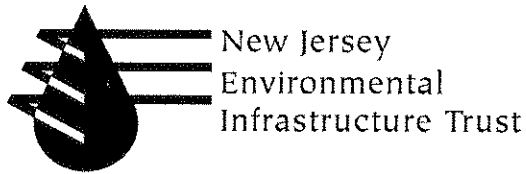
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*P.L. 1985, Chapter 334
New Jersey Wastewater
Treatment Trust Act of 1985
as amended by P.L. 1997, Chapter 224*



New Jersey
Department of
Environmental Protection

January 6, 2010

TO: Honorable Members of the New Jersey Senate and Assembly

**FROM: Robert A. Briant, Sr., Chairman of the Board, New Jersey Environmental
Infrastructure Trust, and
Mark N. Mauriello, Acting Commissioner, New Jersey Department of
Environmental Protection**

SUBJECT: 2010 New Jersey Environmental Infrastructure Financing Program

The New Jersey Department of Environmental Protection ("Department" or "NJDEP") and the New Jersey Environmental Infrastructure Trust (Trust) are pleased to present the legislature with this Report (January Report), summarizing the project priority system and the initial projects identified for financing in the 2010 New Jersey Environmental Infrastructure Financing Program (NJEIFP). Later this year, the NJDEP and NJEIT will present the legislature with the plan by which the projects will be financed in the May Report.

The NJDEP and the Trust have partnered through the NJEIFP for the past 24 years leveraging state funds, federal funds, loan repayments and Trust bond proceeds to issue loans for the construction and rehabilitation of environmental infrastructure projects at the lowest possible cost. To date, the NJEIFP has issued over \$4.6 billion in low-interest loans resulting in marked improvements to the State's drinking water and wastewater infrastructure, the State's public health and water quality, and saving taxpayers and ratepayers more than \$1.9 billion.

In March of 2010, the NJEIFP will complete its 2009 Financing Program which is expected to be the largest program in NJEIFP's history. In excess of 500 loan applications to finance clean water and drinking water projects were received in anticipation of receipt of federal funding to support significantly discounted loans and grants in the 2009 NJEIFP. The 2009 NJEIFP responded by offering the majority of approved projects two funding options: (1) American Recovery and Reinvestment Act of 2009 Loans (ARRA Loans) consisting of principal forgiveness of up to 50% of project loans and low interest financing (50% of market rate) for the remaining eligible project costs; and (2) 25% market rate loans for the large majority of non-ARRA NJEIFP projects (Traditional loans).

The 2009 Financing Program received \$204 million in ARRA funds and to date has leveraged those funds to finance more than \$210 million low-cost loans for 36 clean water, drinking water and redevelopment projects. Twenty nine of the projects target wastewater, stormwater and nonpoint source pollution by improving sewage treatment facilities, maintaining wastewater collection and conveyance systems, and reducing pollution caused by stormwater runoff. Seven projects will help municipalities and private water purveyors meet the requirements of the Safe Drinking Water Act. Four projects target wastewater treatment and drinking water improvements for redevelopment activities in urban areas.

The Trust scheduled two bond issues for the 2009 Financing Program to extend the program financing year and thereby increased the number of projects financed. The first sale occurred on November 18,

2009, the Trust sold more than \$67 million in bonds through two series, 2009A, and 2009C. Each of these series received ratings of AAA, AAA, and Aaa, from Fitch Ratings, Standard and Poors, and Moody's Investor Service respectively. All Trust bonds are sold on a competitive basis.

The Trust received seven (7) bids on the Series 2009A Tax Free Bonds. The adjusted true interest cost of the 2009A series is 3.500941%

Series 2009A - \$61,945,000 Interest Rate: 3.523415%

The Series 2009A Bonds were awarded to Merrill Lynch and Co.

The effective interest rate for 2009 Financing Program borrowers having participated in the 2009 Series A bond sale is between 0.9% and 1.76%. No Series 2009B bonds were offered by the Trust.

The Trust received two (2) bids on the Series 2009C Taxable Bonds. The adjusted true interest cost of the 2009C series is 5.218497%

Series 2009C - \$5,600,700 Interest Rate: 5.234536%

The Series 2009C Bonds were awarded to Roosevelt and Cross, Inc.

The effective interest rate for the borrower participating in the 2009 Financing Program Series C bond sale is 1.31%.

The second 2009 Financing Program bond sale is scheduled for February 24, 2010. Due to the fact that the 2009 Financing Program has not been completed as of the time of this writing, information regarding the total number of projects financed in the 2009 Financing Program will be discussed in the May Report.

The NJEIFP will offer a low interest loan of one-half of the prevailing market rate to the majority of projects receiving long-term and direct loans in 2010. The NJEIFP will continue to offer additional discounts for long-term and direct loans to projects that promote smart growth, at a quarter of the prevailing market rate. Beginning in 2010, this interest rate is likely to be extended to projects implementing green infrastructure, water or energy efficiency improvements (Green Projects).

The Department continues to fund its Brownfield Set Aside (BSA) in the amount of \$30 million in the 2010 Financing Program. The BSA is available for projects where a government unit serves as the applicant on behalf of a private entity for a remediation or redevelopment project to statutorily qualify for NJEIFP loans and where the loan is guaranteed by other than the government unit sponsor. The Department also proposes to establish a Reserve to finance Green Projects equal to a minimum of twenty percent of the State's Federal Fiscal Year 2010 capital grant subject to federal appropriations of Clean Water Act funds for such purposes.

Approximately 120 Letters of Intent were received for 2010 Financing Program clean water and drinking water project loans for an estimated project cost in excess of \$750.2 million. Moreover, due to limited staffing resources, not all 2009 Financing Program Applications have been reviewed and approximately 468 projects from the 2009 Financing Program will be considered for 2010 at a total cost of \$1.9 billion. The program is estimated to have funds sufficient to finance \$500 million in program loans in 2010.

Since the program's inception, all qualifying projects have received financing. Without adequate federal and state funding, the program will be limited in its ability to finance projects based on the Department's environmental priorities. A potential funding shortfall is of particular concern given the recent estimate of the State's water and wastewater infrastructure needs of \$21 billion. The first casualty will be NJEIFP funding for site remediation projects that benefit private redevelopment and other low ranked projects. Absent new capital, many municipalities and authorities will be precluded from accessing low interest financing to complete these critical projects that promote public health and advance the State's initiative to promote development in previously developed areas of the State.

Prior to 2009, there were significant reductions in State capitalization grants over a period of six years. Each dollar reduced by the federal government reduced the potential funds available for clean water projects by \$2. In addition, a portion of the capitalization grant (up to 4%) is utilized by state agencies for staff salaries. The reductions have reduced DEP's annual budgeted revenues by nearly \$1 million. Although the NJEIFP anticipates increases in capitalization grants to occur in 2010, in the event capitalization grants remain at the 2008 level, there will be a significant shortfall in program funding to meet the State's environmental infrastructure needs.

Notwithstanding, the program's receipt of American Recovery and Reinvestment Act funds in 2009 reversed the trend of reduced federal aid. We are encouraged that the federal government is becoming more sensitive to the the necessity for adequate funding of states' environmental infrastructure needs and are hopeful that the federal funding will again increase in 2010.

Capitalization of the DEP portion of the loan program would mitigate federal cutbacks. In 2003, a bond issue was approved by voters but it only allocated \$50 million to the loan program. To provide the funds necessary to sustain the financing program, the Trust and Department will continue to work with the Legislature to explore additional funding alternatives which may include among other things, a new bond issue for clean water and drinking water infrastructure projects.

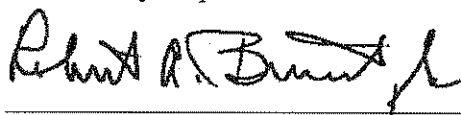
The NJEIFP recognizes that the project priority lists for the 2010 Financing Program may be revised to include projects that are able to meet certain criteria as jointly established by the Trust and the Department but currently not included on the lists. These additional projects will be identified in the revised project priority lists set forth in the May Report. The Project Priority List and Financial Strategy (January Report) will be distributed as a compact disc (CD). The January Report document is also posted on the Trust's web site at <http://www.njeit.org>.

The enclosed January Report conforms to N.J.S.A. 58:11B-1 et seq., and both the Federal Water Pollution Control Act Amendments of 1972, Public Law 92-500, any amendatory or supplementary acts thereto, the 1996 Amendments to the Federal Safe Drinking Water Act (SDWA), Public Law 104-182, and any amendatory or supplementary acts thereto.

We look forward to meeting with the Legislature to answer any questions you may have regarding the Financing Program's 2010 Project Priority List. Thank you for your time and continued support.



Mark N. Mauriello, Acting Commissioner
New Jersey Department of Environmental Protection



Robert A. Briant, Sr., Chairman
New Jersey Environmental Infrastructure Trust

NEW JERSEY ENVIRONMENTAL INFRASTRUCTURE FINANCING PROGRAM
JANUARY REPORT

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NEW JERSEY ENVIRONMENTAL INFRASTRUCTURE FINANCING PROGRAM JANUARY REPORT

I. FINANCING PROGRAM BACKGROUND

A. Introduction

This Report (hereafter “January Report”) is submitted to the New Jersey State Legislature in accordance with P.L. 1985, Chapter 334, as amended. It has been prepared by the New Jersey Environmental Infrastructure Trust (Trust) and the New Jersey Department of Environmental Protection (Department), that together fund and manage the New Jersey Environmental Infrastructure Financing Program (NJEIFP).

The January Report summarizes the projects to be financed through the NJEIFP, the prioritization of financing projects, and the method employed to prioritize projects for the ensuing State Fiscal Year (July 1). In May of each year, the Trust and NJDEP publish the May Report (Financial Plan) summarizing the financing program to be implemented to fund projects receiving program certification for the ensuing SFY.

Projects receiving financing are the subject of annual State appropriations. Bills are introduced in the Assembly and Senate in early May. Passage by both houses prior to the summer recess and signature by the Governor soon thereafter are conditions precedent to the NJEIFP’s issuance of long-term financing.

B. Goals

The main objectives of the NJEIFP are:

- To provide a credible and effective financing program for clean water and drinking water projects;
- To establish and efficiently manage a permanent source of funding for clean water and drinking water projects;
- To provide project financing at a cost much lower than program participants could achieve individually; and
- To improve participants’ access to capital markets for those participants that find it difficult or expensive to gain access to capital markets on their own, due to low credit ratings or a lack of familiarity with debt financing.

C. Eligible Projects

The NJEIFP Finances environmental infrastructure projects with a primary focus on wastewater and drinking water construction, rehabilitation and repair owned and or operated by local government units and public water utilities. Projects eligible to receive Clean Water funding are wastewater management, storm water management and non point source pollution control projects, landfill closures, open space land acquisition, brownfield remediation and well sealing. Projects eligible to receive Drinking Water

funds are rehabilitation or development of sources to replace contaminated water sources, treatment and storage facilities transmission/distribution pipes and appurtenances to prevent contamination or improve water pressure to safe levels, and upgrades to security measures. Detailed information regarding eligible projects is set forth in Section II B below.

D. Available Funding

The funding sources vary with the type of NJEIFP loan product. A detailed discussion of funding sources is set forth in Section II(E) below (page 24).

E. Program Loans

The NJEIFP offers six types of environmental Infrastructure loans: Long Term loans, Direct loans, Supplemental loans, Interim loans, Planning and Design loans, and Emergency loans. Loans may be made only to local government units, public water utilities and small private water systems. Applicants must demonstrate an ability to meet repayment obligations and satisfy the State's credit worthiness standards, i.e., an investment grade credit rating, suitable credit enhancement or a municipal general obligation pledge.

Each Long Term, Direct and Supplemental loan typically consists of a market rate Trust loan component and a zero interest State (NJDEP) loan component. These loans are typically 50% of market rate. Additional information regarding the various loan products is set forth in Section II B below and a detailed explanation of the loan programs will be set forth in the 2010 May Report.

The State loan component is comprised in part of funds received by the State pursuant to the Water Pollution Control Act Amendments of 1972 (CWA) and Safe Drinking Water Act Amendments of 1996 (SDWA) in the form of United States Environmental Protection Agency (USEPA) capitalization grants. The expenditure of CWA and SDWA funds necessitates the NJEIFP's compliance with various federal requirements such as the development of an annual Clean Water Priority System, Intended Use Plan, and Project Priority List (CW Plan) and a Drinking Water Priority System, Intended Use Plan, both of which are summarized in this January Report.

F. Borrower Savings

Program participants realize significant cost-saving measures through the following program features:

- **Earnings Credits** – Investment earnings from all bond funds, such as the project fund, revenue fund and when applicable the debt service reserve funds, are distributed to borrowers as credits toward their debt service payments.
- **No debt service reserve fund** – Many borrowers are relieved of their obligation to commit a portion of loan funds to debt service reserve due to the Program's Master Program Trust structure.
- **Capitalized interest** – Loans may include all or part of construction period interest costs. Additionally, borrowers may defer repayment on principal until completion of the capitalized interest period.
- **No bond insurance required** - The security provided by the Trust's financial structure saves borrowers the expense of purchasing costly bond insurance.
- **Defrayed financing costs** - Program costs are allocated to each borrower's pro-rated share of a bond series. This means the cost of bond issuance is shared among borrowers proportionately based on each borrower's project loan amount.

- **Generous allowable costs** – Associated project costs, including planning and design, engineering, local financing and curb-to-curb right-of-way restoration may be financed at half the market interest rate. An eligible project's reserve capacity costs such as excess project capacity may be financed through the program through a Trust only loan.
- **No front-loading requirement** - State bond law requires local government units issuing their own general obligation debt to "front load" their repayment schedule. This ensures that debt service payments are larger in the early years of the loan, and grow smaller over time. The Financing Program provides for level debt service throughout the life of the loan. This is particularly helpful when financing a non-revenue-producing project.
- **No arbitrage worries** - The Trust manages federal arbitrage rebate requirements, relieving borrowers of the cost and administration of this obligation.
- **Flexible Term** - Shorter term financing is available for those wishing to avoid a 20-year obligation.
- **Net Funding** – Each borrower submits a loan drawdown schedule. Funds are invested by the Trust and accrue earnings that are used to reduce a borrower's loan obligation.
- **No Secondary Disclosure Requirements** – Due to the size of the Financing Program, no single borrower is a material obligated entity. As a result, Financing Program borrowers are not required to fulfill secondary disclosure requirements.
- **Interim Financing** – Interim Financing is available at rates as low as 0%.
- **Timely Decisions** – The DEP prioritizes Financing Program project reviews.
- **Refunding** – The Trust continually monitors market conditions to assess when interest rates meet the Trust's savings threshold for refunding prior bonds. All savings realized from prior bond refundings are passed on to borrowers, further lowering loan costs.
- **Trust Excellent Credit Rating** - The 2009 Financing Program bonds received a natural AAA rating from Fitch Ratings, AAA rating from Standard and Poors and a Aaa rating from Moody's Investor Service respectively. With this rating, the Trust's bonds sell at lower interest rates, translating into lower borrowing costs.

II. 2010 FINANCING PROGRAM STRATEGY

A. Priority System, Intended Use Plan, and Project Priority List

The CW Plan and DW Plan detail the State's proposal to expend federal capitalization grants to finance the NJEIFP's Clean Water and Drinking Water project loans in the ensuing SFY. This Report, in part, reflects the contents of the CW and DW Plans for SFY 2011.

The proposed Federal Fiscal Year (FFY) 2010 CW Plan was published on October 2, 2009 and a public hearing was held on October 28, 2009. The NJDEP received public comment in response to the proposed CW Plan and its response will be set forth in the final CW Plan to be submitted to the USEPA for consideration and approval in the Spring of 2010. The proposed DW Plan was published on May 5, 2009 and a public hearing was held on May 18, 2009. The NJDEP received public comment and its response was set forth in the final DW Plan submitted to the USEPA in July of 2009. The proposed FFY 2010 CW Plan and final FFY2010 DW Plans are summarized below and can be reviewed in their entirety at www.njeit.org/publications.htm.

In the event significant changes are required to either the CW Plan or DW Plan, it may be necessary to amend the respective plan thereby necessitating a separate public hearing and opportunity for public comment.

1. **Priority System.** The CW Plan and DW Plan identify the project activities that are eligible to be financed in each year's Financing Program. Eligible project activities are summarized in Section II B below.

The Clean Water and Drinking Water Proposed Priority Systems also describe the ranking methodology for eligible water pollution control and drinking water projects respectively. The principal elements of the CW Priority System are existing water quality conditions and water use classifications. The Drinking Water Proposed Priority System describes the ranking methodology for eligible drinking water projects. Project ranking within the DW Priority System is based on criteria pertaining to compliance, public health, approved drinking water infrastructure plan, state designations, affordability, and population. The current Priority System Ranking Methodology used for ranking clean water and drinking water projects is set forth in the Section II B below.

2. **Intended Use Plan.** The Clean Water Intended Use Plan and Drinking Water Intended Use Plan provide information on funds available through the DEP loan component for NJEIFP clean water and drinking water loans, including all federal funds allotted to the State under the CWA and DWSRF. A detailed discussion on funding is set forth in Section II E below.

3. **Project Priority Lists.** The Priority Lists identify projects targeted for financial assistance pursuant to the CWA and SDWA and identify the estimated total eligible building costs under the appropriate project category. Placement on a project priority list is a prerequisite to receiving a Long-Term, Direct, Supplemental or Interim loan.

NJDEP will rank all eligible projects according to the total number of points each project receives and will subsequently place the projects on the Project Priority Master List (see Appendix C) according to their ranking. Higher ranked projects are placed above lower ranked projects on the priority lists. The Department's delineation of projects eligible to participate in the 2010 Financing Program and their relative rank are set forth in the Department's Proposed 2010 Clean Water Project Priority List and 2010 Drinking Water Project Priority Lists in Appendices A, B, C and D.

Entities interested in having projects included in the project lists were required to submit letters of intent to the Department on or prior to November 2, 2009. The project lists also include projects for which applications were received in 2009 that were neither approved for financing nor bypassed in 2009.

Due to the addition of new projects to the Project Priority Master List each year, periodic revisions to the Priority System such as identification of new information regarding a project or changes to individual project rankings may occur. The project lists will be amended to include supplemental loan projects in the May Report resulting in an increase in the number of projects to be considered for financing in 2010.

There are 588 projects totaling \$2.664 billion clean water and drinking water projects (including supplemental loans) on the Comprehensive Project Priority List for November 2010. Presently there are 753 Clean Water projects totaling \$3.9 billion on the Clean Water Project Priority Master List. Fifty Five (55) Clean Water projects estimated at \$581 million in project costs have responded for inclusion in the 2010 Financing Program. An additional two hundred and sixty three (263) projects with an estimated project cost of 1.277 billion have been included that applied for funding in 2009 but were neither approved nor bypassed. There are a total of three hundred and eighteen (318) Clean Water projects with an approximate \$1.858 billion in project costs included in the 2010 Project Priority List.

Four hundred and seventy three (473) water supply projects totaling over \$1.5 billion in project costs have responded for inclusion in the state's comprehensive Drinking Water Project Priority List. Of

these, sixty five (65) projects with an approximate project cost of \$169 million have indicated an interest in pursuing funding in November 2010. An additional two hundred and five (205) projects with an estimated project cost of \$637 million have been included that applied for funding in 2009 but were neither approved nor bypassed. There are a total of two hundred and seventy (270) Drinking Water projects with an approximate project cost of \$806 million included in the 2010 Project Priority List.

B. Eligible / Ineligible Project Activities

1. Clean Water Projects

Secondary Wastewater Treatment. The NJEIFP finances projects that currently do not meet secondary treatment standards or the repair/expansion of existing facilities to provide secondary treatment. Secondary treatment provides a 30-day average effluent quality of 30 million gallons per liter (mg/l) or less for both suspended solid (SS) and Biochemical Oxygen Demand (BOD) with 85 percent removal of these pollutants. Also, projects to reuse wastewater or treat sludge or septage are included in this category.

Advanced Wastewater Treatment. Advanced Wastewater Treatment is more stringent than secondary treatment or produces a significant reduction in nonconventional or toxic pollutants present in the wastewater treated by a facility. Advanced treatment may include additional process units to increase the level of treatment to the level of potable, or less than potable but greater than that normally associated with surface discharge needs. This category may also include additional process units to increase level of treatment to allow for water reuse and applies to treatment facilities to upgrade to meet effluent limitations (30 day average) for BOD and SS less than 30 mg/l, or provide for the removal of ammonia, nitrogen, phosphorus or other pollutants, or to provide stringent disinfection by means of coagulation or filtration facilities.

Infiltration / Inflow (II) Correction. This category includes correction of sewer system II problems such as: control of the problem of penetration into a sanitary or combined sewer system of water from the ground through such means as defective pipes or manholes (infiltration) or from sources such as drains, storm sewers, and other improper entries into the system (inflow). Projects that reduce sewer system II problems using "minor" rehabilitation procedures such as grouting/lining of existing sewers, installation of watertight manholes, replacement of short stretches of sewer, etc. are included in this category. Interconnection/Cross-Connection abatement projects will also typically be funded in this category.

Sewer Replacement / Rehabilitation. Includes the maintenance, reinforcement or reconstruction of structurally deteriorating sanitary or combined sewers including pipes and manholes due to a loss of structural integrity or where an increase in pipe size or change in alignment exists.

New Collector Sewers and Appurtenances. Includes construction of collection sewers to service areas currently using on-site systems of wastewater treatment and disposal. Such sewers consist of the common collection sewers, within a publicly owned treatment system, which are primarily installed to receive wastewater directly from facilities which convey wastewater from individual systems.

New Interceptor Sewers and Appurtenances. This category includes constructing new sewers designed to intercept wastewater from a final point in one or more collection systems or from an existing major discharge of raw or inadequately treated wastewater for transport to a treatment facility, another interceptor, or another municipality.

Combined Sewer Overflow (CSO) Abatement. Combined sewer systems (CSSs) are wastewater collection systems designed to carry sanitary sewage, industrial and commercial wastewater, and storm water runoff in a single system of pipes to a publicly owned treatment works (POTW). During dry weather, all flow (composed primarily of sanitary sewage and industrial/commercial wastewater) is conveyed to the POTW. During periods of rainfall or snow melt, the total wastewater flows entering the collection system can exceed the capacity of the system or the treatment facility. Under such conditions, CSSs are designed to overflow at predetermined CSO points and result in discharges excess wastewater flows directly to surface water bodies such as rivers, estuaries, and coastal waters.

Because CSOs discharges include raw sewage, they contain a combination of untreated human waste and pollutants discharged by commercial and industrial establishments. CSOs also have a significant storm water component that includes pollutants from urban and rural runoff. These pathogens, solids, and toxic pollutants may be discharged directly to the waters of the state during wet weather events. Combined sewer overflows are a human health concern because they can create the potential for exposure to disease-causing pathogens, including protozoa, bacteria, and viruses. Exposure to CSO contaminants through swimming or other contact can lead to infectious diseases such as hepatitis, gastrointestinal disorders, dysentery, and swimmer's ear infection. Other forms of bacteria can cause typhoid, cholera, and dysentery. Human health also can be impacted from ingesting fish or shellfish contaminated by CSO discharges.

Stormwater / Nonpoint Source (NPS) Management Projects

Introduction. Because of the need to address water quality concerns related to stormwater runoff, the scope of the Financing Program has been expanded to include construction costs for a wide variety of stormwater/NPS management projects. Although watershed based planning is strongly encouraged, the EIFP does not generally provide funding of watershed based planning. Stormwater/NPS management projects must support efforts to achieve and/or maintain water quality, compatible with designated uses of the water body.

Stormwater. Implementation of USEPA's Phase II Municipal Stormwater Program requires municipalities, counties and other public entities to control stormwater discharges from new and existing developments. In New Jersey, the program is being implemented through the issuance of NJPDES general permits. Program implementation requires capital expenditures for equipment acquisition, additional personnel to implement best management practices, and expenses for public education (an innovative component, to change the behavior of people to reduce environmental impacts). Low-cost funding for the equipment procurement and construction of needed facilities is available through the EIFP, and is described in more detail below.

The stormwater/NPS management projects that are eligible for EIFP loans include both new or modifications of stormwater management systems, facilities, basins, or other stormwater/NPS management facilities (including land acquisition to site the eligible facilities). Stormwater/NPS management projects also include, but are not limited to: green roofs, green streets, tree filters, rain gardens, rain barrels, porous pavement, installation of packed media filters, replacement of existing storm drains with newer designs that incorporate features to remove solids, floatables, oil and grease, and/or other pollutants; purchase or replacement of equipment to reduce solids and/or floatables, such as netting on outfalls and skimmer boats; purchase of maintenance equipment, such as street sweepers, leaf collection equipment, beach cleaning equipment, and aquatic weed harvesters; rehabilitation of tide gates and existing basins or other stormwater systems, including pump stations; extension and/or stabilization of outfall points; implementation/construction of systems that will result in water quality benefits, such as salt storage structures/runoff control systems, feedlot manure/runoff control systems, and streambank/lake stabilization/restoration projects which are consistent with habitat protection.

Open Space Land Acquisition and Conservation. The EIFP provides loans to municipal and county applicants for the preservation of open space land as a means to provide an overall water quality benefit to the project area. A conservation restriction (easement) is applied, which ensures that the water quality is protected in perpetuity. Passive recreational uses such as hiking, cross-country skiing, horseback riding and birding are allowed on the portion of the parcels that are purchased with loans from the EIFP. Development is not allowed on the properties that are acquired through the EIFP, since this encourages the use of impervious surfaces and causes land alterations which can adversely affect the hydrology of an area as well as other nonpoint source impacts. Surface runoff can increase and groundwater filtration can decrease. Since most of New Jersey consists of sole source aquifers, which “are those aquifers that contribute more than 50% of the drinking water to a specific area and the water would be impossible to replace if the aquifer were contaminated” (NJ Geological Survey), the protection of these resources is an environmental priority. When the land remains as open space with no development pressures, the water recharge to these vital aquifer systems is protected. In addition, other environmental resources (i.e., endangered species, wetlands, stream corridors, floodplains, etc.) that may be present will also benefit from the protection of the parcel.

Landfill Closure and Construction. The Financing Program also includes landfill closure and landfill construction projects (including new landfill cells) under eligible NPS projects. The Department recognizes that landfills are a major pollution concern and are identified as a nonpoint source of pollution in the State’s Stormwater and NPS Program Plan developed under Section 319 of the Clean Water Act. Eligible landfill closure activities include such items as landfill capping systems, leachate collection, storage and treatment systems, side slope seepage prevention and controls, gas condensate systems and other activities. Financing for landfill construction projects is generally limited to those project elements that prevent, reduce, or control the generation of leachate or are required for the collection, storage and treatment of leachate. Elements of a landfill construction project that may be financed include landfill liner systems, leachate removal or collection systems, and related maintenance equipment, toe-drains and cut-off walls, leachate sampling facilities and equipment, leachate storage facilities (lagoons, tanks, tank covers and aeration systems), leachate evaporation systems, and others. In addition to leachate controls, other eligible elements include barge shelters, containment booms, litter fences, and other means to prevent municipal solid waste from blowing off the landfill site and polluting surface waters. Before any landfill closure or construction project is approved under the Financing Program, the project sponsor must submit and receive all applicable permits and approvals from the Department’s Division of Solid and Hazardous Waste.

Remedial Action Activities. The clean-up of hazardous waste sites and other contaminated sites is critical to preventing further contamination of ground waters in the State. The water-quality related components of projects for spill cleanups, brownfields restoration and hazardous waste site cleanups are some examples of the activities that are eligible through the Financing Program. Treatment of contaminated groundwater also qualifies for financing if the treated water is returned to the environment. While treatment solely to provide a safe drinking water supply is ineligible for CWSRF financing, it is eligible for DWSRF financing.

On-Site Rehabilitation of Septic Systems. Under the Financing Program, a local government unit may apply for funding to upgrade or replace failing on-site systems. The nature and extent of failures would be documented during planning and a Septic Management District (SMD) would have to be established in order to assure on-going operation and maintenance (typically, this involves implementing a system to assure regular, usually once every three years, pump out and/or inspection of the on-site systems). While some SMDs have formed in New Jersey (so there is institutional precedent on which to advance this option), none have tackled the costly job of system rehabilitation as yet.

Well Sealing. The proper sealing of unused monitoring and water supply wells is also important to protect groundwaters in the State. Municipalities and other public entities can sponsor projects through the Financing Program to properly fill and seal abandoned wells in accordance with N.J.A.C. 7:9-9.

Other Activities. The following projects are eligible activities provided they are constructed on a site that would otherwise qualify for clean water financing, e.g., a wastewater or treatment plant or sanitary sewer pump station; (1) Security upgrades; (2) solar panels or wind turbines to the extent such improvements serve primarily to meet the energy consumption needs of the facility; and (3) Lake dredging.

Ineligible Activities. Project activities other than those set forth in the Clean Water Eligible Projects discussion above, including but not limited to:

- Project costs incurred as a result of vertical development of a site; and
- Preservation of real estate for other than passive recreation.

2. Drinking Water Projects

Drinking water systems that are eligible for DWSRF assistance are both privately and publicly owned community water systems and nonprofit noncommunity water systems. Eligibility is limited to these types of water systems that are required to comply with the New Jersey State primary drinking water regulations. Facilities that are defined as water systems but are exempt from regulation under the SDWA are not eligible. Federally owned systems and State owned systems (State agencies, such as state police, parks and forestry, and corrections) are not eligible to receive DWSRF assistance. However, State authorized systems (water commissions, water supply authorities, and water districts) are eligible to receive DWSRF assistance.

Compliance and Public Health. The DWSRF may only provide assistance for expenditures (not including monitoring, operation, and maintenance expenditures) which will facilitate compliance with national primary drinking water regulations applicable to the system or otherwise significantly further the health protection objectives of the SDWA.

Projects to address health standards that have been exceeded or to prevent future violations of the rules are eligible for funding. These include projects to maintain compliance with existing regulations for contaminants with acute health effects (e.g., the Surface Water Treatment Rule, the Total Coliform Rule, and nitrate standard) and regulations for contaminants with chronic health effects (e.g., Lead and Copper Rule, regulated inorganics, volatile organics and synthetic organics, disinfection by-products, and radiological contaminants).

Projects to replace aging infrastructure are also eligible if they are needed to maintain compliance or further the public health protection goals of the SDWA.

Examples of these include projects to:

- rehabilitate or develop sources (excluding reservoirs, dams, dam rehabilitation, and water rights) to replace contaminated sources;
- install or upgrade treatment facilities, if the project would improve the quality of drinking water to comply with primary or secondary drinking water standards;
- install or upgrade storage facilities, including finished water reservoirs, to prevent microbiological contaminants from entering the water system;

- install or replace transmission and distribution pipes to prevent contamination caused by leaks or breaks in the pipe, or improve water pressure to safe levels; and
- install and enhance security at drinking water systems, including fencing, lighting, motion detectors, cameras, and alternative auxiliary power sources.

The following projects to consolidate water supplies are eligible for DWSRF assistance: A) extension of water mains by a community water supply system to individual homes whose wells are contaminated; or B) purchase of a water system that is unable to maintain compliance for technical, financial, or managerial reasons.

An amendment to the existing Financial Assistance Programs for Environmental Infrastructure Facilities Rules, adopted in the *New Jersey Register* dated October 6, 2003 (35 NJR 1475(a)), added a requirement for mandatory connection ordinances for water main extension projects to ensure that (1) the public health issue is addressed, (2) the project is cost-effective, and (3) the system to be built is adequate. This amendment also required project sponsors to adopt or obtain a mandatory well sealing ordinance if the NJDEP determines that it is warranted to prevent usage of contaminated water, prevent cross-connections, and/or the migration of contaminants.

New Wells. Previously, for projects seeking to finance the addition of the new well, the funding process took place over multiple years. This is due to the extended length of time required to satisfy all permit requirements and obtain permit approvals. This unique type of loan takes the appearance of a reimbursement, as the project sponsor must utilize its own money to initially finance the addition of the new well before the DWSRF loan is issued.

In order to increase the financing options of new wells and to get funds to the water systems earlier in the well construction process, the NJDEP has proposed to provide more than one loan for new well projects. Initially a loan can be awarded for only the installation of a well. Under this process, a project sponsor would apply for a loan to drill a well (new or replacement). The project sponsor would be eligible for loan award after DWSRF programmatic requirements are met and a Bureau of Water Systems and Well Permitting (BWSWP) permit to construct is issued and appropriate well permitting conditions are met. In this scenario, the well could be constructed but not operated until a final permit is issued. If in the event of unforeseen conditions in which the well could not be utilized or re-designated from a test well to a production well, the project sponsor would be eligible for an additional loan to construct a second well. However, the project sponsor will be required to submit documentation describing the failure of the first well and adequate technical analysis supporting the construction of the second well. The project sponsor would remain liable for both loans for both wells. The intent of this program is to ensure that the project sponsor has a usable well that will perform as intended over the life of the loan(s).

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

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

Brownfields. The USEPA has published guidelines #816F06044 for using the DWSRF to support Brownfields. Please see <http://nepis.epa.gov/EPA/html/Pubs/pubtitleOW.htm> to view USEPA fact sheets.

The NJDEP has proposed a policy to fund Brownfield projects. All Brownfield projects that are endorsed/sponsored by an entity that maintains a NJ drinking water system and possesses a NJ PWSID number will be eligible for funding. The loan rate for brownfield projects is set forth on page 27 below.

Consolidation of systems that are in noncompliance or that lack the technical, managerial or financial capability to maintain the system. The DWSRF may provide assistance to an eligible public water system to consolidate (i.e., restructure) with other public water system(s) only if the assistance will ensure that the system returns to and maintains compliance with SDWA requirements and the owner or operator of the water system agrees to undertake feasible and appropriate changes in operations necessary to ensure the system has the technical, managerial, and financial capability to comply with the SDWA requirements over the long term.

Other Activities. The following projects are eligible activities provided they are constructed on a site that would otherwise qualify for drinking water financing, e.g., a drinking water treatment plant; (1) Security upgrades; and (2) solar panels or wind turbines to the extent such improvements serve primarily to meet the energy consumption needs of the facility.

Ineligible Activities. Project activities other than those set forth in the Drinking Water Eligible Projects discussion above including but not limited to:

- Dams, or rehabilitation of dams;
- Water rights, except if the water rights are owned by a system that is being purchased through consolidation as part of a capacity development strategy;
- Reservoirs, except for finished water reservoirs and those reservoirs that are part of the treatment process and are located on the property where the treatment facility is located;
- Laboratory fees for monitoring;
- Operation and maintenance expenses;
- Projects needed mainly for fire protection;
- Projects for systems that lack adequate technical, managerial, and financial capability, unless assistance will ensure compliance;
- Projects for systems in significant noncompliance, unless funding will ensure compliance;
- Projects primarily intended to serve future growth;
- A system lacking the technical, managerial or financial capability to maintain SDWA compliance absent an agreement to undertake appropriate changes to achieve compliance; and
- A system that would be in continued significant noncompliance with any national drinking water regulation or variance upon project completion.

C. Ranking Methodology

1. Clean Water Ranking Criteria

The Department ranks all projects on the basis of the total number of ranking points each project receives and places the projects on the Priority List according to their ranking. Projects receive points under five categories. These are (1) Local Environmental Enhancement Planning Activities, (2) Project Discharge Category, (3) Water Use/Water Quality, (4) Smart Growth Approvals, and (5) Population.

The Priority List identifies the estimated total eligible building costs under the appropriate project category. Except for open space land acquisition projects, the figure under the "Total Eligible Project Cost" includes the estimated total eligible building costs, the related costs for construction services (i.e., administrative, legal, engineering, inspection, one year start-up services, etc.), the allowance for planning

and/or design, three percent for the recipient's administrative costs, and a five percent contingency cost. The figure under the "Total State Amount" column represents 100 percent of the estimated total eligible project costs. Project scope changes and related cost updates submitted by project sponsors in response to the public participation process will be included on the final FFY2010 List.

A. Local Environmental Enhancement Planning Activities

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

Watershed-Based Implementation Plans: Watershed-Based Implementation Plans address impairment(s) found on Sublists 4 or 5 of the New Jersey Integrated Water Quality Monitoring and Assessment Report. Prudent watershed planning is necessary to achieve cost-effective and environmentally sound water quality improvement within the watershed.

To provide an incentive for project sponsors to complete watershed-based plans that promote the implementation of point and nonpoint source pollution control projects that are consistent with Department goals, projects located in or benefiting municipalities that demonstrate implementation of watershed-based plans will be given an additional 50 priority points.

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

Sustainable Community Planning: Sustainable communities develop and adopt master plans and ordinances that improve the overall quality of life for citizens of today as well as generations of tomorrow by planning within natural resource capacity constraints and providing for a healthy economy, environment and society. Projects located in or benefiting municipalities where sustainable community strategies have been developed and master plans and/or ordinances adopted will be awarded an additional 100 priority points. These strategies/ordinances must include but are not limited to the following:

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

The FFY2010 Priority System reflects the Department's priorities to encourage sustainable growth in communities by incorporating consistent criteria for the protection of natural resources and implementation of smart growth and green design principles. Green design principles include green building practices that increase energy and water efficiency; use renewable energy; use environmentally friendly building materials that are made with recycled materials, are durable, sustainability harvested or produced locally; improve indoor air quality; and make appropriate site selection and minimize site disturbance to reduce environmental impacts.

B. Project Discharge Category Points

All projects receive ranking points based on the project discharge category. The CW ranking system gives highest priority to projects that address discharges of raw, diluted, or inadequately treated sewage to the State's waters during wet weather, including projects to abate combined sewer overflows (CSOs) and projects to address sanitary sewer systems that overflow. In case of multiple purpose proposals, projects qualify for the discharge category that represents the major scope of the project. If a project has aspects that can be described by more than one category, the project may be broken into separate projects. Tables IA and IB show the project discharge categories and their corresponding ranking points.

Table IA. Ranking Points Related to Project Discharge Category For Wastewater Treatment Facilities		
Project Discharge Category	Description	Points
Combined Sewer Overflow (CSO) & Sanitary Sewer Overflow (SSO)	This category includes projects that involve combined sewer system (CSS) rehabilitation/repair, the construction of treatment and/or storage facilities within CSS, at discharge locations or at STPs that reduce or eliminate CSOs, or the separation of combined sewer systems by the consolidation and elimination or sealing of CSO discharge points. Also included are projects that implement corrective measures to fix overloaded conveyance systems that experience chronic overflows.	600
Sewage Treatment Plant (STP) Improvements	STP improvements include upgrades or other improvements to a treatment process or the elimination of an existing STP and the connection to an alternative treatment facility to meet applicable treatment levels. This category also includes the purchase and installation of security and energy efficiency measures at the STP.	500
Sanitary Sewer System Rehabilitation	This category includes a wide variety of corrective measures to sanitary sewer collection and conveyance systems that do not experience chronic overflows, such as the rehabilitation, repair, or replacement of sanitary sewers, pump stations, interceptors, or the purchase of equipment to properly maintain the sanitary sewer system.	450
Sludge Treatment/Disposal Facilities	Included in this category are projects involving the construction of facilities to manage sludge from STPs or from potable water treatment activities, such as the installation of dewatering equipment, or the implementation of land application or composting activities. Also included in this category of projects are improvements or repairs to sludge incinerators.	350
Wastewater Reuse	Wastewater reuse includes the construction of facilities that promote the reclamation of water for beneficial reuse such as the use of treated effluent for agricultural or other purposes. This category includes the construction of	300

	conveyance and distribution systems to allow for reuse activities.	
Septic System Repair/Replacement	Under this category are projects that involve repairs, improvements, and/or replacement of individual or small community, on-site septic systems.	275
New Systems	This category includes projects that involve the expansion of an STPs' treatment capacity, and the construction of new facilities to provide collection, conveyance or treatment of sanitary sewage.	250

In addition to the point assignments above, projects that implement green infrastructure, water or energy efficiency improvements (including projects that are designed to reduce greenhouse gas emissions) will receive an additional 50 priority points.

Table IB. Ranking Points Related to Project Categories for Stormwater and Nonpoint Source Pollution Management Facilities		
Project Category	Description	Points
Stormwater Management and Other NPS activities	This category includes the construction or rehabilitation of stormwater basins, sewer systems or storm drains, the extension of outfall pipes, green roofs, green streets, tree filters, rain gardens, rain barrels, porous pavement or the purchase of maintenance equipment (such as street sweepers, aquatic weed harvesters and skimmer boats). Also included in this category are projects that stabilize streambanks, restore lakes or address runoff from salt storage facilities and the implementation of measures to address pollution concerns from agricultural cropland activities and manure runoff management and feedlot operations.	225
Landfill Closure, Open Space Land Acquisition and Conservation and Well Sealing	Included in this category is the implementation of measures to prevent and control pollutants from entering groundwater at non-operating landfill sites that are publicly owned and at abandoned well locations. The category also includes open space land acquisition and conservation projects that help to protect or maintain water quality.	150
Landfill Construction and Remedial Action Activities	This category includes the construction of facilities to collect, convey and/or treat leachate and runoff from new publicly-owned landfill cells or from publicly-owned contaminated sites.	75
Projects sponsored by	This category generally includes environmental infrastructure projects where a developer, LLC, partnership or other private party is involved in the project. Also included in this category are landfill closure measures and remedial action activities where the project site is privately owned. If a local	

Conduit Borrowers/ Private Activity	government unit that sponsors a project on behalf of a private entity commits to providing a general obligation pledge (including its unlimited taxing power or municipal guarantee) as security for the DEP and Trust loans, the project is considered exempt from the conduit financing classification and corresponding funding limitations.	50
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C. Water Use/Water Quality Points

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

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

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

Nutrients reflect the presence of phosphorus/phosphates and nitrates/nitrites in a water body. Excessive nutrient levels in freshwater streams and lakes may result in impacts on water uses, including algal blooms; depleted oxygen levels; odor, taste and increased treatment costs for purveyors; impacts on

aquatic populations, and esthetic concerns. Points are given for nutrients only if the surface waters involved significantly impact existing potable water reservoirs, surface water impoundments or lakes, public bathing areas, or shellfish growing waters. Since there are no nutrient standards for coastal and estuarine waters, no points were assigned for discharges to those water bodies.

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

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

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

D. Smart Growth Approvals

As discussed in greater detail below, the Department seeks to coordinate and enhance the State Planning Commission's (SPC) efforts to encourage smart growth through the implementation of the State Development and Redevelopment Plan. The Department assigns ranking points to projects that serve municipalities that the SPC has approved under the Center Designation or Plan Endorsement Process.

For a project serving more than one municipality, the SPC 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 NJ Office of Smart Growth, Department of Community Affairs, 101 South Broad Street, 7th floor, PO Box 204, Trenton NJ 08625-0204 or call (609) 292-7156.

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

In addition, projects located in or benefiting areas designated as BDAs, TDR receiving areas or Transit Villages also receive 10 points, so that these projects will rank higher than similar projects that are neither located in nor benefit these smart growth areas. Those categories are discussed in detail on page 27 below.

E. Population Points

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

F. Public Health Hazard (PHH) and Emergency Repair Projects

In instances where project conditions are determined to constitute a PHH by the Commissioner of the Department in consultation with the Commissioner of the Department of Health, the project will receive funding priority over other projects on the Priority List. The review procedure involves a survey of the extent of wastewater problems such as: incidences of sewage-borne disease, contaminated wells, and homes or buildings with sewage back up. Details of the PHH procedure are available in the FFY96 PS document and are incorporated in the FFY2010 PS document by reference. Copies of the FFY96 PS document may be requested by calling the Bureau of Administration and Management at 609-633-1208.

The Department and the Trust recognize that environmental infrastructure emergencies may occur that endanger public health and welfare and can result in substantial environmental damage. Such circumstances require an immediate response for which a complete technical and environmental review in advance of construction is not necessary or feasible. The Department and the Trust have developed a process to respond expeditiously when emergencies occur, obtain basic project information, make an eligibility determination, and issue preaward approval so that owners/operators can undertake the needed repairs and secure expedited financing for those expenditures whether or not the project is included in the Proposed CW FFY10 IUP.

For ranking purposes, clean water projects eligible for financing in the 2010 Financing Program will be offered loan awards in the following order: (1) Supplemental Loans, (2) Emergency Projects, (3) Wastewater Treatment Projects: (a) Combined Sewer Overflow and Sanitary Sewer Overflow Abatement, (b) Sewage Treatment Plant Improvements, (c) Rehabilitation/Replacement of Sanitary Collection and Conveyance Systems, (d) Sludge Management, (e) Wastewater Reuse, (f) Septic System Repair or Replacement, (g) New wastewater treatment, conveyance or collection systems, (4) Stormwater Management Activities, (5) Nonpoint Source Pollution Controls: (a) Landfill Closures, (b) Open Space Land Acquisition, (c) Landfill Construction, (d) Site Remediation, and (6) Conduit Borrowers/Private Activity.

G. Construction Grants Program Policies

The delegation of authority for the Federal Construction Grants Program from the U.S. Environmental Protection Agency to the New Jersey Department of Environmental Protection expired on June 30, 2000. As of July 1, 2000, USEPA Region II has assumed full responsibility for the program. Any questions on outstanding Federal Construction Grants projects or issues should be directed to Mr. Michael Hajducek, P.E., USEPA Region II, Water Programs Branch, 290 Broadway, New York, New York 10007. Mr. Hadjucek can be contacted by calling at (212) 637-3858.

2. Drinking Water Ranking Criteria

The principal elements of the Drinking Water Priority System are: A) Compliance and Public Health Criteria, B) Approved Drinking Water Infrastructure Plan, C) State Designations, D) Affordability, and E) Population. Points are assigned for each of the five priority categories discussed below, as applicable.

Priority points will be assigned only if the project scope includes the actual repair, rehabilitation, or correction of a problem or improvement clearly related to compliance with the Safe Drinking Water Act or Protection of the Public Health (priority Category A). 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. Projects that include multiple elements, as listed in priority Category A, will be separately listed by the elements involved and priority points will be assigned for each element.

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

A. Compliance with SDWA and Protection of Public Health

DWSRF funds are to be utilized to address contamination problems and to ensure compliance with the SDWA requirements. Priority is given to water systems in non-compliance with the surface water treatment requirements and those incurring acute, primary, or action level violations as defined in the SDWA and the NJSDWA rules (N.J.A.C. 7:10). Table 1 describes the nineteen project elements that are eligible for DWSRF funds:

TABLE 1 Compliance and Public Health Criteria

1.	Systems that utilize surface water, that are not in compliance with the surface water treatment requirements or have had any acute violations (either fecal coliform or nitrates) and have been issued an administrative order or directive by NJDEP requiring the correction of any noncompliance of its treatment facilities to address an immediate public health threat.	500 Points
2.	Systems which utilize groundwater under the direct influence of surface water, that are not in compliance with the surface water treatment requirements or have had any acute violations (either fecal coliform or nitrates) and have been issued an administrative order or directive by NJDEP requiring the correction of any noncompliance of its treatment facilities to address an immediate public health threat.	350 Points
3.	Systems that utilize groundwater that have had any acute violation (either fecal coliform or nitrates).	300 Points
4.	Systems that have had, or NJDEP reasonably expects to have, any maximum contaminant level violations (except acute violations) or exceedance of action levels (lead and copper rule).	250 Points
5.	Systems that have lost well capacity due to cutbacks in Critical Area #1 or #2 or due to saltwater intrusion and a	175 Points

	solution is needed to preserve the aquifer as a viable aquifer.	
6.	Systems that are proposing improvements for drought or other related water supply management initiatives, as identified or designated by the State.	160 Points
7.	Purchase and/or consolidation of a water system to comply with the SDWA for capacity development.	150 Points
8.	Extension of water mains, including associated appurtenances and water system facilities, to private wells that have had any maximum contaminant level violations or exceeded lead and copper action levels.	125 Points
9.	Existing treatment facilities that need to be rehabilitated, replaced, or repaired to ensure compliance with the SDWA.	100 Points
10.	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
11.	Existing pump stations or finished water storage facilities that need to be rehabilitated or replaced to maintain compliance with the SDWA.	60 Points
12.	New finished water storage facilities or pump stations that are needed to maintain pressure in the system and/or prevent contamination.	50 Points
13.	Addition or enhancement of security measures at drinking water facilities, including but not limited to fencing, lighting, motion detectors, cameras, secure doors and locks, and alternative auxiliary power sources.	45 Points
14.	Systems which have had any exceedance of any secondary drinking water regulations that have received notification issued by NJDEP 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 NJDEP requiring correction of the exceedance.	40 Points
15.	Installation of new water meters and/or other water conservation devices, including but not limited to retrofit plumbing fixtures.	35 Points
16.	Construction of new or rehabilitation of existing interconnections between water systems to improve water pressures to maintain safe levels, promote availability of alternative source of supply, or to ensure compliance with the SDWA.	30 Points
17.	Replacement of water meters.	25 Points
18.	Redevelop wells, construct new wells, or construct or rehabilitate surface water sources with associated treatment facilities to meet the New Jersey SDWA rules for required pumping capacity.	15 Points
19.	Other project elements, not including items 1 through 18 above, that ensure compliance with the SDWA and protect public health, as approved by NJDEP.	1 Point

B. Approved Water Supply Plans/Studies

Planning water system improvements that advance comprehensive water supply concepts can facilitate cost effective drinking water system improvements. To provide an incentive to plan in this way, priority points will be given to each project that implements the actual repair, rehabilitation or correction of a problem, improvement clearly identified in a five year master plan, five year capital improvement plan, asset management inventory or rate setting study acceptable to NJDEP, or that is linked to a comprehensive water supply plan for a particular region or watershed acceptable to NJDEP. Points are assigned as follows:

1. Fifty (50) priority points will be assigned to a water system that connects to a regional solution that is contained in a comprehensive water supply plan for a particular region or watershed acceptable to NJDEP, a local five year master plan, or five year capital improvement plan acceptable to NJDEP. The plan should contain a description of the components of the system, population growth estimates, testing done, current deficiencies, immediate recommendations, recommendations for the next five years, and a map of the distribution system (not just a capital budget).
2. Twenty-Five (25) priority points will be assigned to a water system that has a current asset management inventory or rate setting study acceptable to the NJDEP or other state agencies, including but not limited to NJ Department of Community Affairs and the Board of Public Utilities, conducted within the last five years.

C. State Designations

1. State Development and Redevelopment Plan - The NJDEP seeks to coordinate with the State Development and Redevelopment Plan. NJDEP assigns points to projects in municipalities that the State Planning Commission has approved under the Plan Endorsement or Center Designation Process. Please note that if a local entity has not received designation by the State Planning Commission, projects within that entity would receive zero (0) points for this element.

- a) Projects located entirely within or designed to provide service only to a designated growth area that lies within a municipality that has received Plan Endorsement of its Master Plan from the New Jersey State Planning Commission or is an Urban Center or Urban Complex are eligible for twenty (20) points.
- b) Projects located entirely within or designed to provide service only to a designated growth area that lies within a municipality that are identified in the Master Plan currently recognized as endorsed by the New Jersey State Planning Commission as a designated center other than an Urban Center (Regional Center, Town, Village, Hamlet) are eligible for fifteen (15) points.

For a current list of those local governments that have gained Plan Endorsement from the New Jersey State Planning Commission, please check the Department of Community Affairs Office of Smart Growth website at <http://www.nj.gov/dca/osg/plan/endorsement.shtml> and then refer to the current State Plan Policy Map at <http://www.nj.gov/dca/osg/docs/stateplanmapdetailed.pdf> to determine if the project area lies within a designated growth area.

Contact the N.J. Office of Smart Growth, Department of Community Affairs, 101 South Broad Street, 7th floor, P.O. Box 204, Trenton, N.J. 08625-0204 or call (609) 292-7156 for further information on the State Development and Redevelopment Plan.

2. Transit Village Initiative - The NJDEP will provide five (5) additional priority points to any project sponsored by Transit Village community or to any project that is constructed within a Transit Village community. A detailed discussion of the benefits of Transit villages is set forth on page 27 below.
3. Brownfield Development Area (BDA) - The DWSRF will support this initiative by providing five (5) additional priority points to any project serving a BDA. A detailed discussion of the benefits of the BDAs is set forth on page 27 below.

Please note that the points from these three 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 will be counted for this category.

D. Affordability

The purpose of the affordability criteria is to determine which project sponsors' water systems are eligible for additional points under the Affordability Category. Affordability is the degree of need for financial assistance based upon the New Jersey median household income compared to the municipal median household income (MHI). Affordability is determined by the following formula and set forth in Table 3:

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

TABLE 3 Affordability

1. Affordability factor of 100 or greater	0 Points
2. Affordability factor from 85 through 99	15 Points
3. Affordability factor from 66 through 84	30 Points
4. Affordability factor less than or equal to 65	80 Points

The median household income of the municipality which the water system serves and the statewide median household income will be determined from income data in the most recent United States census, which is currently the 2000 census.

The NJDEP has determined that for the purposes of the DWSRF Program, a municipality whose median household income is 35 percent or more below the State's MHI shall be considered a Disadvantaged Community, and will receive 80 priority points which is proportionately greater than the other affordability factor points. (New Jersey's MHI is \$55,146 from the 2000 Census.)

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

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
Holmeville	25,000	15,000	0.500	12,500
Total		30,000	1.00	24,160

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

E. Population

As a tiebreaker, projects will be assigned points based on the permanent population of the water system service area. In the instance of 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, total all the permanent population served in the multiple service areas. Priority points will be 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 will be given higher priority.

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

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

F. Other Ranking Considerations

Emergency projects are considered a public health hazard and will receive funding over other projects on the Project Priority List. All projects which have received loans to date which require additional funds due to the award of all project related contracts or for increased costs due to differing site conditions will be given priority over new projects eligible for funding, other than small systems. Priority between projects that are eligible to receive supplemental loans and that received their original loans in the same funding cycle will be determined according to each project's ranking on the respective funding year's priority list.

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

Emergency Repair Projects do not have to be ranked on the current Priority List in accordance with the DWSRF Interim final rule, 40 CFR Parts 9 and 35, Section 35.3555. However, it is necessary that the project be referenced in the following IUP and the Annual Report to USEPA. Emergency Repair Projects will receive priority funding over other projects on the Project Priority List.

The affected system must notify the Chief of the Bureau of Safe Drinking Water Technical Assistance, Water Supply Operations Element in the Division of Water Supply, Sandra Krietzman, at (609) 292-5550 by close of business on the day of the emergency or by 12:00 PM of the next business day. For example, if an emergency occurs on a Friday morning, the NJDEP must be notified by the end of the Friday business day or if an emergency occurs on a Saturday or Sunday, the NJDEP must be notified by 12:00PM on the following Monday. The NJDEP will confirm notification of the possible emergency project with a fax describing what information is to be submitted to NJDEP. Within 30 days of the emergency occurrence, the affected system must submit to the DWSRF a comprehensive report including the following: nature/location of the emergency, need for repair and description of the initial efforts to repair the damage, detailed description of the repair needed with costs, list any required permits, and a description of the long term solution. In addition, a Certification signed by the water superintendent, chief engineer or director must be provided by the water system stating that there was an emergency situation and that the repairs are required.

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

G. Order of Project Priority Summary

The order of project priority is as follows:

1. Emergency Projects,
2. Small Systems (Section III, Small Systems) up to 15% of DWSRF Funds,
3. Supplemental Projects, and
4. Current Year's Projects.

D. 2010 PROJECT PRIORITY LISTS

1. **Clean Water List.** The preliminary Project Priority List for the 2010 Clean Water Financing Program, exclusive of land acquisition projects, can be found in Appendix A. The preliminary Project Priority List for the 2010 Clean Water Financing Program can be found in Appendix A. It must be noted that the details of a project can change as the plans and designs are finalized. Any such change will not impact the intended end result for which the project was proposed. Based on the above, no one should rely on the project type descriptions for other than general information.

2. **Drinking Water List.** The preliminary Project Priority List for the 2010 Drinking Water Financing Program can be found in Appendix C. The Department provides the project list in Appendix C based on information provided by the individual project sponsors. Please note that the

details of a project can change as the plans and designs are finalized. As such, the project type descriptions serve only to provide general information and are not to be utilized for other purposes.

E. Program Loans

1. Loan Products

a. Long-Term Financing. The NJEIFP provides permanent financing for projects listed in the NJEIFP's current year Clean Water or Drinking Water project priority list subject to the availability of funding and staff resources. Such loans comprise in excess of 98% of all NJEIFP project loans.

Prerequisites: (1) Submission of a Letter of Intent and environmental planning documents (typically October); (2) project permits (typically, no later than February); (3) construction design documents and State and Trust loan applications (March); (4) NJDEP / Trust project certification; and (5) satisfaction of the financing conditions for long-term financing. Certification is issued upon approval of design, environmental planning, contract documents (prevailing wage and small and disadvantage business provisions), and permits. See Section II F below for additional detail.

Structure: Long-Term financing (Long Term loans) is available for allowable project costs from 1) an interest-bearing loan from the Trust, and 2) a zero percent interest loan from the Department. The Trust's interest bearing loans are financed from the sale of Revenue Bonds. Department funds are capitalized from four major sources: 1) annual grants from the federal Clean Water Act State Revolving Fund and Drinking Water Act State Revolving Fund (capitalization grants), 2) various state bond issues, 3) loan repayments and 4) interest earnings. Long-Term Loans are issued subsequent to bond sale, typically in November of each year.

The 2009 Financing Program consisted of two Long Term loan products: (1) American Recovery and Reinvestment Act (ARRA) project loans consisted of principal forgiveness of up to 50% of eligible project costs and low interest financing (50% of market rate) for remaining eligible project costs; and (2) Traditional project loans were 25% of the market rate. As of January 1, 2010, Long Term clean water and drinking water project loans exceeded \$210 million. The following is a summary: \$65 million in Clean Water ARRA loans, \$25 million in Drinking Water ARRA loans, and \$117 million in Clean Water Traditional loans, and \$3 in Drinking Water Traditional loans. Unlike prior years, the 2009 Financing Program continues as of the date of this writing, and the total 2009 Financing Program loans will be discussed in the May Report.

The 2010 Financing Program: The NJEIFP anticipates there will be sufficient funds to issue \$500 million in Clean Water project loans and \$150 million in Drinking Water project loans in the 2010 Financing Program. The proposed interest rate for Long Term Loans in the 2010 Financing Program is 50% of market rate, with the exception of Smart Growth projects, Green Infrastructure Projects and certain Supplemental Loans. The 2010 Financing Program will offer 25% market rate loans for approved Smart Growth and Green Infrastructure Projects.

b. Direct Loans. Direct Financing (Direct Loans) is almost identical to long-term financing with the exception of the source of Trust funds for its loan component. Unlike a Long-Term loan, the Trust loan component in a Direct Loan is not comprised of bond proceeds. Direct Loans are generally available for small projects for government agencies that are either fiscally constrained or lack the administrative capability to participate in a complex bond transaction.

Prerequisites: (1) Submission of a Letter of Intent and environmental planning documents (October); (2) project permits (typically, no later than February); (3) construction design documents and State and Trust loan applications (March); (4) NJDEP / Trust pre-award approval or certification; and (5) Satisfaction of the financing requirements for Direct loan closing. Direct Loan borrowers have simplified loan closing requirements (reducing the cost of attorney review) and do not pay costs of issuance. See Section II F below for additional detail.

Structure: The Trust Board of Directors formally adopted a resolution outlining the scenarios in which a Direct Loan is appropriated; the limitation of the loan amounts and the calculation of the interest rates. Interest rates for Direct Loans in the 2009 Financing Program were an average of 1.5% of market rate and loans totaled \$3.1 million as of January 1, 2010. In the 2010 Financing Program, non-equipment Direct Loans will be capped at \$300,000 for projects eligible to receive 50% market rate loans and \$450,000 for projects eligible to receive 25% market rate loans. Equipment loans will be capped at \$500,000 for projects eligible to receive 50% market rate loans and \$600,000 for projects eligible to receive 25% market rate loans. For additional detail regarding program requirements, see the Program Requirements discussion below.

c. Supplemental Loans. Periodically, a project's costs exceed the amount financed in its Long-Term or Direct Loan due to differing site conditions or when the low bid building cost exceeds the original loan amount. Such costs may be eligible to receive financing through a Supplemental Loan. See N.J.A.C. 7:22-3.11. The loan requirements for a supplemental loan are identical to that of the Long-Term loan subject to the following exceptions: a Letter of Intent, revised planning documents, and design documents are not required provided there has not been an increase in the project scope. The interest rate for Supplemental Loans is generally identical to that of the original project loan.

d. Interim Financing. Entities seeking a Long-term, Direct, or Supplemental Loan may receive an Interim Financing Program (IFP) Loan to provide funding for construction costs and up to one-half of planning and design costs and administrative costs during the period between pre-award approval and long-term financing closing. Interim loans are incorporated in the long-term loan and payable in full if a project does not receive long-term financing during the current financing year.

Prerequisites: (1) Submission of a Letter of Intent and environmental planning documents (October); (2) project permits (typically, no later than February); (3) construction design documents and State and Trust loan applications (March); (4) NJDEP / Trust pre-award approval. Pre-award approval is similar to project certification; and (5) Satisfaction of the financing requirements for Interim loan closing. Eligible projects can qualify to receive preaward approvals if the requirements of the rules (N.J.A.C. 7:22-3.32 and 4.32) are met. Pre-award approval is issued upon approval of design, environmental planning, contract documents (prevailing wage and small and disadvantage business provisions), and permits. See Section II F below for additional detail.

Structure: Each year, the Trust Board of Directors formally adopts a resolution outlining the scenarios in which an Interim Financing Loan is appropriated; the limitation of the loan amounts and the calculation of the interest rates. Interest rates for Interim Loans in the 2009 Financing Program were 0% for local government units and 2% for public water utilities and private entities and loans totaled \$14.4 million as of January 1, 2010. The Trust Board approved a policy authorizing a 2010 Financing program IFP loan rate of 0% interest to government entities and 2% to public water utilities, any other private person, or a local government unit on behalf of any private entity.

e. Planning and Design Loans. Planning and Design Loans are utilized to finance the cost of environmental planning and engineering design services for environmental infrastructure projects, utilizing loan monies provided by the Trust from Trust accounts, such as interest earnings. The loans are

structured as temporary financing for preliminary project activities, with the expectation that the environmental infrastructure projects will secure long-term financing through the NJEIFP. Planning and Design loans are for periods not to exceed two years and may not exceed \$500,000 per project. Each year, the Trust Board of Directors formally adopts a resolution outlining the scenarios in which a Planning and Design Loan is appropriated; the limitation of the loan amounts and the calculation of the interest rates. Loans are short-term loans available to pay for up to 50% of engineering and design costs for projects not identified in a project priority list. Interest rates for Planning Loans in 2009 were 0%. The Trust Board has approved a policy authorizing P&D loans in 2010 for periods up to two years at the interest rate of 0% for government entities and 2% for public water utilities, a private person, or a local government unit on behalf of any private entity.

Prerequisites. (1) Submission of an application for a Planning and Design loan; (2) receipt of determination by the Department as to eligibility of project activities for financing (three weeks); and (3) satisfaction of the financing requirements for Planning and Design loan closing.

f. Emergency Loans. The NJDEP and Trust recognize that environmental infrastructure emergencies may occur that endanger public health and welfare and can result in substantial environmental damage. Such circumstances require an immediate response for which a complete technical and environmental review in advance of construction is not possible. Any project listed in either a January or May Report is eligible to receive temporary financing for emergency repairs. Any project owned and or operated by a local government unit not identified in a January or May Report is eligible to receive temporary financing for emergency repairs.

The NJEIFP has developed a process to respond rapidly when emergencies occur, obtain basic project information, make an eligibility determination and issue a preaward approval so that owners/operators can undertake the needed repairs and maintain eligibility for those expenditures through the NJEIFP. Upon receipt of pre-award approval, short-term financing is available through either an Interim loan (Projects listed in a January or May Report) or an Emergency loan (projects owned or operated by a local government unit).

Prerequisites.

Clean Water. (1) contact the NJDEP for Emergency Environmental Decision Determination; (Day of emergency) (2) receipt of emergency environmental determination from the NJDEP (day of emergency); (3) submission of Good Faith Letter to the Trust (on or about the day of emergency); (4) receipt of Trust confirmation of eligibility to seek emergency financing (on or about the day of emergency); and (5) satisfaction of the financing requirements for emergency loan closing (after addressing emergency).

Drinking Water: (1) contact the Chief of the Bureau of Safe Drinking Water Technical Assistance, Water Supply Operations Element in the Division of Water Supply, Sandra Krietzman, at (609) 292-5550 (close of business on the day of the emergency or by 12:00 PM of the next business day).¹ (2) receipt of NJDEP confirmation as to notice of the possible emergency project with a fax describing what information is to be submitted to NJDEP. (3) submission of Good Faith Letter to the Trust (day of notification from the NJDEP); (4) receipt of Trust confirmation of eligibility to seek emergency financing (day of submission of Good faith letter); (5) within 30 days of the emergency occurrence, (a) submit to the DWSRF a comprehensive report including the following: nature/location of the emergency, need for

¹ For example, if an emergency occurs on a Friday morning, the NJDEP must be notified by the end of the Friday business day or if an emergency occurs on a Saturday or Sunday, the NJDEP must be notified by 12:00PM on the following Monday.

repair and description of the initial efforts to repair the damage, detailed description of the repair needed with costs, list any required permits, and a description of the long term solution. In addition, a Certification signed by the water superintendent, chief engineer or director must be provided by the water system stating that there was an emergency situation and that the repairs are required and (b) finance application to the Trust; and (5) satisfaction of the financing requirements for emergency loan closing.

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

Structure. Emergency repairs to projects listed in a January or May Report are funded through an Interim Financing Loan as discussed above. Emergency repairs to projects not listed in a January or May Report that are owned or operated by a local government unit at the time of the occurrence are funded by the Trust from Trust accounts, such as interest earnings. The Emergency Loan Program provides Trust loans up to \$1,500,000 per project. Each year, the Trust Board of Directors formally adopts a resolution outlining the scenarios in which an Emergency loan is appropriated; the limitation of the loan amounts and the calculation of the interest rates. There were no Emergency Loans in 2009. The Trust Board has approved a policy authorizing a 2010 Financing Program Emergency loan interest rate of 0% for government entities and 2% for public water utilities, any other private person, or a local government unit on behalf of any private entity for a term not to exceed twenty four months.

For ranking purposes, CW projects that qualify as emergency projects will receive funding priority over all other projects on the Project Priority List with the exception of Supplemental Loan projects. DW projects that qualify as emergency projects will receive funding priority over all other projects on the Project Priority List.

g. Individual Septic System Repairs and Replacement Loans. Health hazards associated with failing septic systems continue to be a problem across New Jersey. These systems are small compared with infrastructure historically funded through the NJEIFP. However, collectively they can have a significant impact on the State's environment. As there is no current funding mechanism designed to meet the needs of small, individual borrowers (homeowners), the Trust has amended its enabling legislation to finance these projects. Staff is currently drafting regulations to implement this program.

2. Additional Loan Enhancements (Long-Term and Direct Loans)

A. Smart Growth Initiative.

Introduction. The State's Smart Growth Initiative is designed to increase coordination of State programs to improve public health, livability and the environment of our urban areas, reduce the rate at which forests, open space, farmland and other undeveloped areas are being lost to development; and promote and accelerate development in urban and suburban areas or other growth areas identified through sound planning. The NJEIFP has further reduced interest rates for eligible clean water and drinking water projects receiving long-term financing to advance the State's Smart Growth objectives (Smart Growth Rate). The 2010 Smart Growth Rate is 25% of market rate.

Eligible projects. The Smart Growth Rate is available for on-site rehabilitation of Septic Systems and projects that contribute to the correction of combined sewer systems and discharge points including elimination, relocation or consolidation of discharge points and construction of facilities or purchase of equipment to remove solids and floatables regardless of their location in the State. The Smart Growth Rate is also available for all clean water and drinking water projects (excluding non-point source projects) occurring in the following designated areas:

Urban Centers and Urban Complexes – Drinking water projects, wastewater treatment and stormwater management projects that serve Urban Centers and Urban Complexes designated by the State Planning Commission are considered Smart Growth. To date, the State Planning Commission has designated Asbury Park, Atlantic City, Camden, Elizabeth, Jersey City, New Brunswick, Newark, Paterson and Trenton as Urban Centers and one Urban Complex, the Hudson County Urban Complex, which includes the following municipalities: Bayonne, East Newark, Guttenberg, Harrison, Hoboken, Jersey City, Kearny, North Bergen, Secaucus, Union, Weehawken, and West New York.

To address instances where a project does not exclusively serve an urban center/complex, the Department has determined that the 75/25 funding package will be provided only to that portion of the project that serves an Urban Center/Complex. In addition, the Department will include projects located in an Urban Center/Complex in the 75/25 funding package provided the project has direct quality of life implications for the Urban Center/Complex. An example of such a project would be odor controls for sludge management facilities (that serve areas beyond the Urban Center/Complex) located in an Urban Center that would reduce odors generated from the sludge management facilities and improve the air quality in the urban area.

In addition, the Department will fully fund its share of reserve capacity costs at 0% interest for projects serving designated Urban Centers and Complexes having reserve capacity costs, i.e., costs associated with an increase in capacity of wastewater or drinking water systems (See N.J.A.C. 7:22-3.36).

Designated Brownfields Development Areas - These are areas that have applied for and have received formal designation by the Department under the BDA Initiative. Site Remediation, Landfill Closure, Drinking water projects, wastewater treatment and stormwater management projects that are located in DEP designated BDAs are eligible for the Smart Growth Financing Package. The sites within the BDA will be handled by a single project manager, who will coordinate with partnering state agencies to direct targeted technical and financial assistance to sites within the BDA neighborhoods.

The following is the current list of thirty two BDAs:

Name	Municipality	County	Name	Municipality	County
Cramer Hill BDA	Camden	Camden	Lister Avenue	Newark	Essex
North Camden	Camden	Camden	Waterfront	Pennsauken	Camden
Monument/Magic Marker BDA	Trenton	Mercer	Industrial Gateway	Salem	Salem
Elizabethport BDA	Elizabeth	Union	Route 440 BDA	Bayonne	Hudson
Ford Avenue BDA	Milltown	Middlesex	Harrison Waterfront BDA	Harrison	Hudson
Route 73 South	Palmyra	Burlington	Assunpink Greenway BDA	Trenton	Mercer
Coit Street BDA	Irvington	Essex	Keyport Waterfront BDA	Keyport	Monmouth
Lodi BDA	Lodi	Bergen	Bellmawr	Bellmawr	Camden

			Landfills		
Kearny BDA	Kearny	Hudson	Chrome Waterfront	Carteret	Middlesex
Plainfield BDA	Plainfield	Union	Southport	Gloucester City	Camden
Rahway BDA	Rahway	Union	Grand Jersey	Jersey City	Hudson
Somerville BDA	Somerville	Somerset	North Outerbridge Crossing	Perth Amboy	Middlesex
Woodbridge BDA	Woodbridge	Middlesex	Springfield Avenue	Asbury Park	Monmouth
Great Falls Historic District	Paterson	Passaic	Seaport Village	Belmar	Monmouth
West Lake Ave.	Neptune	Monmouth	Towne Center at Haddon	Haddon	Camden
Central Valley	Orange/W. Orange	Essex	Sayreville Waterfront	Sayreville	Middlesex

It is anticipated that the municipality will most often serve as the loan recipient under this option to effect remediation at multiple sites in the designated BDA, although county improvement authorities or similar entities could also participate and provide assistance in this environmental improvement effort.

Designated Transit Villages - The New Jersey Department of Transportation (NJDOT) and NJ TRANSIT spearhead a multi-agency Smart Growth partnership known as the Transit Village Initiative. The Transit Village Initiative helps to redevelop and revitalize communities around transit facilities to make them an appealing choice for people to live, work and play, thereby reducing reliance on the automobile. The Transit Village Initiative is an excellent model for Smart Growth because it encourages growth in New Jersey where infrastructure and public transit already exist. Drinking water projects, wastewater treatment and stormwater infrastructure needed to address improvements to designated Transit Villages are eligible for the Smart Growth Financing Package.

Studies have shown that an increase in residential housing options within walking distance of a transit facility, typically a one quarter to one half mile radius, does more to increase transit ridership than any other type of development. Therefore, it is a goal of the Transit Village Initiative to bring more housing, more businesses and more people into communities with transit facilities.

Municipalities that have been designated a Transit Village by the inter-agency Transit Village Task Force must have an adopted land-use strategy for achieving compact, transit-supportive, mixed-use development within walking distance of transit facilities. This can be in the form of a redevelopment plan, zoning ordinance, master plan or overlay zone.

There are currently 20 designated Transit Villages.

Municipality	County	Municipality	County
Pleasantville	Atlantic	Riverside	Burlington
Morristown	Morris	Rahway	Union
Rutherford	Bergen	Metuchen	Middlesex
South Amboy	Middlesex	Belmar	Monmouth
South Orange	Essex	Bloomfield	Essex
Bound Brook	Somerset	Collingswood	Camden

Cranford	Union	Matawan	Monmouth
New Brunswick	Middlesex	Journal Sq./Jersey City	Hudson
Netcong	Morris	Elizabeth/Midtown	Union
Burlington City	Burlington	City of Orange Twp.	Essex

Transfer of Development Rights (TDR) Receiving Areas - The transfer of development rights is a realty transfer system where development potential in a specified preservation area can be purchased by private investors for use in a targeted growth area. In exchange for a cash payment, landowners in the preservation area place a restrictive easement on the property that will maintain the resource in perpetuity. The land in the designated receiving area can then be developed at a higher density than allowed under the baseline zoning. This process reduces the consumption of our critical resources, while still accommodating growth, and eliminates "windfalls and wipeouts" in property values normally associated with zoning changes. The transfer of development rights is only allowed where a municipality has implemented a TDR program. Sponsors of projects that serve areas designated as TDR Receiving Areas under the State TDR Act (P.L. 2004, c.2), by the Highlands Council, by the Pinelands Commission or by Burlington County pursuant to the Burlington County Transfer of Development Rights Demonstration Act (P.L. 1989, c. 86) are considered Smart Growth. The participating municipality (or municipalities in a regional program) designates sending and receiving areas based on their preservation and growth goals, respectively. Planning and implementation documents are created by the municipality that governs where and how development rights can be transferred. Implementing a transfer of development rights program requires a major planning initiative on the part of the participating municipality. Before any credits can transfer from landowner to developer, certain planning and implementation documents must be adopted. The State TDR Act requires several items including a Development Transfer Plan Element, a Capital Improvement Plan, a Utility Service Plan, Transfer Ordinance, Plan Endorsement and other approvals.

To address instances where a wastewater treatment or stormwater management project does not exclusively serve a designated TDR Receiving Area, the Department has determined that the 75/25 funding package will be provided only to that portion of the project that serves a designated TDR Receiving Area.

In addition to these initiatives, for those projects that have the potential to facilitate growth or cause significant adverse environmental impacts, the Department will continue to thoroughly evaluate the planning submitted by the project sponsor. Such evaluation will include, but will not be limited to the water quality/quantity impacts, location in the State, impacts to riparian corridors, the existing pollution control needs, assessment of the resulting environment, detailed assessment of proposed alternatives and cost-effectiveness of the proposal. The Department's funding decisions will take into account the project's growth potential, its location and the project's aggregate impacts as determined through such evaluations.

B. Green Infrastructure Projects

The NJEIFP has further reduced interest rates for eligible clean water and drinking water projects receiving long-term financing to advance the objectives of promoting green infrastructure, water and energy efficiency (Green Project Rate). Green Projects are clean water and drinking water projects that implement green infrastructure, water or energy efficiency improvements (including projects that are designed to reduce greenhouse gas emissions). Green infrastructure includes such practices as replacing existing pavement with porous pavement, bioretention, green roofs and other practices that mimic natural hydrology and reduce effective imperviousness. Green projects may receive 25% market rate loans in 2010.

3. Program Reserves

A. Green Project Reserve. The 2010 Financing Program will include a Green Project Reserve (GPR) equal to a minimum of 20 percent of the State's FFY2010 allocation if the FFY2010 Appropriation to the CWSRF and DWSRF Program includes language requiring such action. In the event insufficient applications are approved utilizing the GPR, the Department may use residual GPR funds to finance other clean water projects in the FFY2010/SFY2011 Program.

B. Brownfield Set-Aside. (Clean Water Projects Only). The FFY2010 Priority System continues a separate classification for projects where a government unit serves as the applicant on behalf of a private entity for a remediation or redevelopment project to statutorily qualify for NJEIFP loans and where the loan is guaranteed by other than the government unit sponsor.² The FFY2010 Priority System document continues the reserve dedicated solely to these projects. The Department has allocated \$30 million in Fund loans as the "Brownfield Set-Aside" for the 2010 Financing Program. It is estimated that total loans for Brownfield Set-Aside projects are anticipated to be between \$50 million and \$60 million.

Project priority will be determined in accordance with the ranking methodology included in this document and the set-aside funds will be allocated based on the project's rank, the sponsor's ability to meet program requirements and the amount of funds available for these purposes. In cases where the available Fund loan does not cover 50 or 75 percent of the allowable project costs, the Trust may finance the remaining allowable costs, which may exceed their traditional 25 or 50 percent contribution. Financing above and beyond the amount set-aside for such projects will be considered if monies are available after the need for funding of higher ranking projects during the funding cycle has been satisfied. Conversely, if there are unexpended funds in the set-aside due to insufficient demand for brownfield remediation loans in the 2010 Program, those funds may be used to finance projects listed on the Priority List that may otherwise not receive financing in the 2010 Program.

The Department is also continuing the practice of setting a \$25 million per project limit on the amount of Fund monies that any conduit borrower/private entity project can receive in the 2010 program. Previously-financed conduit borrowers will not be eligible for supplemental fund loans from the Department to cover unanticipated cost increases due to bid receipt, differing site conditions, change orders or other circumstances.

C. Small Systems Set Aside. (Drinking Water Projects only) The Federal SDWA amendments of 1996 established a goal for states to provide at least 15 percent of all funds credited to the DWSRF project account to provide loan assistance to systems serving fewer than 10,000 persons (Small Systems). Therefore, 15 percent of the DWSRF fund will be reserved to provide financing for small systems serving fewer than 10,000 residents. Note, any unexpended small system set aside funds upon financing eligible Small Systems meeting program requirements, will be utilized to fund other eligible DW projects meeting program requirements, in priority order.

4. Program Fees

The following is a summary of the Department and NJEIT fees for Long-Term, Direct, and Supplemental Loans:

² In cases where a local government unit that sponsors a project on behalf of a private entity and commits to providing a general obligation pledge (including its unlimited taxing power or municipal guarantee) as security for the DEP and Trust loans, the project is considered exempt from the conduit financing classification.

A. Department Loan Origination Fee. Commencing in 2002, budget cuts have necessitated the imposition of a fee to offset the costs of the NJDEP's program administration (Department Loan Origination Fee). Appropriations Acts require the Department to collect the fee from the borrowers of each Financing Program amounting to 2% of the entire loan amount (combined Trust and DEP loan). Borrowers pay 1% of the fee at long-term loan (or Direct loan) closing and the remaining 1% is paid over the first 4 years of the loan.

Any fees collected above the amount necessary to fund the program will be held by the Trust in a separate account. Interest earned on this account will be applied toward Financing Program administrative costs. Specifically, funds from the account are disbursed to Treasury every year to meet the anticipated State revenue established under the Annual Appropriations Act. If the fees collected are insufficient to fund the program, the Department will request that the shortfall amount be appropriated from the special account. (Note: Monies collected through the Department Fee can only be used for Financing Program administrative costs).

B. Trust Origination Fee. The Trust Origination fee is 0.1% of the Trust loan. The Trust's costs of issuance associated with the bond sale are captured in this fee. This fee is financed through the bond sale and payable over the life of the loan.

C. Trust administration Fee. The Trust administration fee is 0.3% of the Trust loan and is utilized to defray the Trust annual costs of loan administration (disbursement and repayment processing). This fee is not financed through the bond sale and is payable bi-annually.

G. Program Requirements: Project Certification / Loan Closing

1. Introduction. As previously discussed, there are five prerequisites to receiving a Long-Term or Direct Loan: (1) submission of a Letter of Intent and environmental planning documents (typically October); (2) project permits (typically, no later than February); (3) construction design documents and State and Trust loan applications (March); (4) NJDEP / Trust project certification; and (5) satisfaction of the financing conditions for long-term financing. Certification is issued upon approval of design, environmental planning, contract documents (prevailing wage and small and disadvantaged business provisions), and permits. This section discusses those requirements in detail.

2. Project Certification. The documents to be submitted and the approvals necessary to secure NJDEP Certification are as follows:

A. Letter of Intent / Planning Documents. The program maintains a strict point of entry for new projects (fall of each year). Project sponsors interested in securing an NJEIFP loan are required to submit a Letter of Intent including an agreement to meet the submittal schedules of the annual priority system, a brief project description, water supply deficiency or need and estimated project cost, and a project contact list. (See N.J.A.C. 7:22-3.7).

An acceptable planning submittal must consist of a complete project report, the appropriate environmental planning documentation for the level of environmental review determined applicable by NJDEP, cultural resources information, documentation of completed public participation activities, a detailed map, and the results of preliminary coordination activities with lead agencies regarding environmental and permit reviews. (See N.J.A.C. 7:22-10.1 et seq).

B. Permits. Projects requiring numerous or complex permits should assume that unless the permits are in hand by January, the project will not receive funding during the program year. All other projects should expect to have all major permits in hand by March 1 to receive financing in the current Financing Program.

C. Application / Construction Design Documents. A State Loan Application and construction design documents must be completed and submitted by the first Monday of March. The State Loan application requires, among other things, a written authorization for the filing of the application, a project report and full facilities plan, detailed project costs, assurance of compliance with the Civil Right Act of 1964 and the New Jersey Law against Discrimination, and assurance that all requisite state and federal permits and approvals for construction have been received. (See, N.J.A.C. 7:22-3.11).

D. Socially and Economically Disadvantaged (SED) Business Participation. Project sponsors are required to set a goal of awarding at least ten (10) percent of a project's costs for construction, materials, or services to small business concerns owned and controlled by SED individuals as defined in the Small Business Act (15 U.S.C. 637(a) and (d)) and any rules promulgated pursuant thereto. (See N.J.A.C. 7:22-9).

E. Construction Documents. The applicant must submit the draft construction bidding documents including the following provisions: (1) that the successful bidder must comply with the Program SED requirements (See N.J.A.C. 7:22-9.7); and (2) workers employed in the performance of any contract for a project financed with NJEIFP Loan proceeds are required to receive wages not less than the prevailing wage, in accordance with the rate determined by the Commissioner of the New Jersey Department of Labor, and other requirements of the local public contracts law.

F. Public Notice and Public Hearing. The NJEIFP requires each applicant to issue public notice of SED opportunities prior to commencement of construction. (See N.J.A.C. 7:22-9.6). The NJEIFP requires the applicants of certain projects to provide public notice (30 day) and conduct a public hearing to receive comment regarding the environmental impacts. (See N.J.A.C. 10.10). Upon the Department's issuance of an environmental decision document for the project, public comment is accepted for 30 days subsequent to the publication of the decision.

G. Department Approval. Project certification will be granted by the Department upon an applicant's submission of the requisite documents and the Department's determination that the applicant has secured all permits and complied with the Department's construction design, environmental planning, construction bidding document, and SED requirements.

3. Loan Closing Requirements. The following is a summary of documents to be submitted and decisions to be made as conditions precedent to loan closing. A detailed discussion of the loan requirements will be set forth in the May Report.

A. Financial Addendum Form (FAF). Each project sponsor is required to complete a Financial Addendum form to demonstrate its commitment to proceed with project financing for a Long-Term Loan, Direct Loan and Interim Loan. A single Financial Addendum is required to request financing for either a clean water or drinking water project. Two financial addenda must be submitted if both clean water and drinking water project loans are sought. The FAF submission deadline is typically the 3rd week of March. Applicants shall provide, among other things, authorization to finance the project through issuance of bonds, copy of the Local Finance Board (LFB) or Board of Public Utilities (NJBPU) application (as applicable), a "no merit" legal opinion, assurance that applicant will pay for the relevant costs incurred by the Trust regardless of whether or not the loan is closed, and copy of reimbursement resolution. Note:

applicants seeking Interim Financing are required to submit both an FAF as well as an interim financing FAF.

B. LFB / NJBPU Approval. N.J.S.A. 58:11B-9(a) of the Environmental Infrastructure Trust Act requires that the bonds to be issued by a local government unit to the Trust be approved by the Local Finance Board in the Division of Local Government Services, Department of Community Affairs. NJBPU approval must be secured by public water utility applicants.

C. Applicant Ordinances, Certifications and Covenants. The following provides a brief overview of some of the actions required of applicants to secure Long-Term, Direct, and Interim Loans.

Ordinances and resolutions of the governing body must be in place to establish that the borrower has the legal right and authority to undertake the specific project, and own, efficiently operate and appropriately maintain an environmental infrastructure system. Certifications that no undisclosed fact or event, and no pending litigation, will materially adversely affect the environmental infrastructure system.

For a general obligation borrower, a pledge of full faith and credit and for a revenue borrower, a pledge of water system revenues. The establishment of levies, fees or rates sufficient to meet operating and maintenance expenses. Demonstration of compliance with the State Credit worthiness standards. Agreement to provide secondary market disclosure information; a limitation on the use of loan proceeds and the sale, lease, abandonment or other disposition of the project assignment of the loan obligations and prior written approval of the Trust/State; and a prohibition on actions that may jeopardize the tax status of the bonds issued by the Trust and, where appropriate, the State.

D. Escrow Closing. Upon issuance of project certification, and when the borrower has all the necessary ordinances, resolutions, authorizations and necessary financial covenants in place, the Trust conducts an escrow closing for each participant. Each borrower enters into two loan agreements to secure a Long-Term Loan or Direct Loan: one agreement with the Trust and one with the State, acting by and through the Department, for the Fund or the Pinelands Program. These loan agreements have been drafted to reflect the differences between the security features for general obligation borrowers, revenue borrowers and private water system borrowers. The principal terms and conditions are conformed among the versions and permit a generic description of the terms and conditions. Upon issuance of project certification, and when the borrower has all the necessary ordinances, resolutions, authorizations and necessary financial covenants in place, the Trust conducts an escrow closing for each participant. With respect to the 2009 ARRA Financing Program, such escrow closing will relate only to the Trust Loan, and will occur simultaneously with the full closing of the Fund Loan.

E. Bond Sale, Loan Closing. Subsequent to escrow closing, the Trust will schedule its bond sale. Both the Trust's enabling legislation and the Annual Debt Management Plan require that the Trust's bonds be sold on a competitive basis. Typically within two weeks of bond sale, the Trust will conduct loan closings with the borrowers.

4. 2010 Financing Program – Other Financing Issues.

A. Debt Service Reserve. Prior to 2007, the Trust's Debt Service Reserve Fund was generally funded from a portion of the required state match (20% of the federal grant), General Obligation Bond proceeds and project loan repayments. Since 2007, the NJEIFP has been able to secure a natural AAA credit rating for its bond issues without resorting to a debt service reserve. The trust will continue this practice in 2010 for local government unit borrowers. Amendments to both the Trust legislation and the federal Drinking Water SRF legislation permit loans to be issued to private water purveyors.

Reserve Capacity.

B. Cross Collateralization. The NJEIFP has received USEPA's approval to utilize cross-collateralization in its financing structure for both the Drinking Water and Clean Water SRF Programs. This has a direct benefit to the interest rates for Drinking water projects. The interest available to NJEIFP projects are directly influenced by the pool of repayments upon which the program can draw in the event of default. The pool of loan repayments available for Drinking water projects is less than the Clean water projects. Under the cross-collateralization option, repayments of loans from either fund may be used to cover any default in loan repayments and as a result the ratings agencies look to the combined pool of loan repayments as security in establishing a rating for the bond issue.

C. Transfer of Project Funds Between Programs. The USEPA permits states to transfer up to thirty-three percent of the capitalization grant from either program to the other. To date, approximately \$70 million have been transferred between the programs.

D. 2010 Refunding. The current low interest rate environment may provide the Trust with the opportunity to refinance up to 16 series of Prior Bonds to achieve debt service savings. This refunding could include some or all of each of the following: 1995 Wastewater Treatment Series A; 1998 Wastewater Treatment Refunding Series D and E; 1998 Wastewater Treatment Insured Refunding Series F and G; 1998 Environmental Infrastructure Series A; 2000 Environmental Infrastructure Series A; 2000 Environmental Infrastructure Series B (AMT); 2001 Environmental Infrastructure Series A; 2002 Environmental Infrastructure Series A; 2003 Environmental Infrastructure Series A; 2004 Environmental Infrastructure Series A; 2005 Environmental Infrastructure Series A; 2006 Environmental Infrastructure Series A; 2007 Environmental Infrastructure Series A; and 2008 Environmental Infrastructure Series A. The debt service savings realized through the refunding of each series of Prior Bonds will be passed directly through to the Participating Borrowers in each respective series of Prior Bonds.

The Trust anticipates the sale of six series of refunding bonds having a cumulative total principal amount of approximately \$272,225,000 to achieve total present value savings of approximately \$11,881,000 which, at current interest rate levels, is 4.41% of the par amount of the Prior Bonds.

E. Tax Regulations. The Trust will continue to evaluate the Tax Reform Act of 1986 and any amendments, as well as the various Internal Revenue Service (IRS) regulations and their cost impacts to program participants. The Trust may suggest modifications in its 2009 financial structure to reflect any changes in the tax law, or its interpretation, to increase the program's flexibility.

Appendix A

2010 State Clean Water Project Priority List

Appendix A1

2010 Financing Program (SFY 2011)

Clean Water Projects in Alphabetical Order

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Aberdeen Township	503	S340869-02	\$6,223,655	CS
<input type="checkbox"/>	Allamuchy Township	97	S340256-02	\$3,997,392	STP
<input type="checkbox"/>	Asbury Park City	129	S340883-04	\$16,713,680	Swr,Strm
<input type="checkbox"/>	Atlantic County Util. Auth.	171	S340809-10	\$1,780,655	Swr
<input checked="" type="checkbox"/>	Atlantic County Util. Auth.	383	S340809-11	\$7,602,671	RWBR
<input type="checkbox"/>	Atlantic County Util. Auth.	382	S340809-14	\$4,679,566	RWBR
<input type="checkbox"/>	Atlantic County Util. Auth.	40	S340809-17	\$9,266,707	STP
<input type="checkbox"/>	Atlantic County Util. Auth.	547	S340809-18	\$2,317,315	Bldg
<input type="checkbox"/>	Atlantic County Util. Auth.	547	S340809-19	\$1,522,661	NP
<input type="checkbox"/>	Atlantic County Util. Auth.	547	S340809-20	\$570,013	Strm
<input type="checkbox"/>	Atlantic County Util. Auth.	122	S340809-21	\$8,492,702	FM
<input type="checkbox"/>	Atlantic County Util. Auth.	663	S342001-02	\$5,962,475	Ldfill
<input type="checkbox"/>	Atlantic Highlands Reg. Sewage Auth.	148	S340857-02	\$332,158	Swr,PS
<input type="checkbox"/>	Barrington Borough	307	S340305-02	\$1,396,910	Swr
<input checked="" type="checkbox"/>	Bayonne Local Redevelop. Auth.	725	S340051-05	\$2,451,173	BR,Strm
<input checked="" type="checkbox"/>	Bayonne Local Redevelop. Auth.	725	S340051-06	\$3,471,822	BR,Strm
<input checked="" type="checkbox"/>	Bayonne Local Redevelop. Auth.	725	S340051-07	\$7,111,175	Strm,OR
<input type="checkbox"/>	Bayonne Munic. Util. Auth.	18	S340399-30	\$4,707,113	Alt
<input type="checkbox"/>	Bayshore Reg. Sewerage Auth.	25	S340697-04	\$7,846,596	STP,Alt
<input type="checkbox"/>	Beachwood Borough	593	S340208-01	\$416,419	Strm

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Belleville Township	747	S340243-01	\$7,478,656	BR
<input checked="" type="checkbox"/>	Belmawr Borough	656	S342011-02	\$66,350,624	Ldfill
<input type="checkbox"/>	Belmar Borough	311	S340209-01	\$1,212,010	Swr,Strm
<input checked="" type="checkbox"/>	Bergen County Util. Auth.	108	S340386-06	\$12,743,389	STP
<input checked="" type="checkbox"/>	Bergen County Util. Auth.	109	S340386-08	\$23,196,617	STP
<input checked="" type="checkbox"/>	Bergen County Util. Auth.	87	S340386-09	\$31,783,125	I/I
<input type="checkbox"/>	Bergenfield Borough	223	S340378-02	\$2,618,381	Swr
<input type="checkbox"/>	Berkeley Township	559	S340969-07	\$8,786,832	Strm
<input type="checkbox"/>	Berkeley Township	559	S340969-10	\$239,554	Strm(3)
<input type="checkbox"/>	Berkeley Township	559	S340969-11	\$2,391,694	Strm
<input type="checkbox"/>	Berkeley Twp. Sewage Auth.	489	S340969-08	\$6,137,256	CS
<input type="checkbox"/>	Berkeley Twp. Sewage Auth.	489	S340969-09	\$4,202,120	CS
<input type="checkbox"/>	Beverly Sewage Auth.	120	S340167-01	\$570,013	STP
<input type="checkbox"/>	Bogota Borough	598	S340914-02	\$1,218,865	Strm
<input type="checkbox"/>	Bogota Borough	598	S340914-03	\$6,614,815	Strm
<input type="checkbox"/>	Bordentown Sewage Auth.	105	S340219-01	\$2,718,518	STP,CS
<input type="checkbox"/>	Bordentown Sewage Auth.	297	S340219-02	\$1,396,910	Swr
<input type="checkbox"/>	Bound Brook Borough	139	S340295-01	\$360,245	Swr(3)
<input type="checkbox"/>	Brick Township	189	S340448-07	\$1,584,586	PS
<input type="checkbox"/>	Brick Township	189	S340448-08	\$930,136	Swr
<input type="checkbox"/>	Bridgeton City	251	S340829-02	\$1,387,415	Swr
<input type="checkbox"/>	Bridgewater Township	133	S340638-06	\$1,259,960	Swr
<input type="checkbox"/>	Brigantine City	276	S340827-03	\$5,530,818	Swr,Eq
<input type="checkbox"/>	Burlington County	378	S340818-04	\$7,846,596	SLDGE

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Burlington County Bridge Commission	545	S340818-05	\$5,962,475	Strm
<input type="checkbox"/>	Burlington Township	242	S340712-08	\$839,005	Swr
<input checked="" type="checkbox"/>	Camden City	10	S340366-03	\$10,361,096	PS
<input checked="" type="checkbox"/>	Camden City	10	S340366-07	\$19,257,315	Swr
<input checked="" type="checkbox"/>	Camden City	10	S340366-09	\$5,308,104	PS
<input checked="" type="checkbox"/>	Camden City	10	S340366-10	\$708,917	CSO
<input checked="" type="checkbox"/>	Camden City	465	S340366-11	\$2,049,114	Strm
<input checked="" type="checkbox"/>	Camden City	10	S340641-03	\$8,879,791	Swr
<input checked="" type="checkbox"/>	Camden County Munic. Util. Auth.	121	S340640-10	\$75,767,100	INT,STP
<input checked="" type="checkbox"/>	Camden County Munic. Util. Auth.	52	S340640-11	\$7,846,596	STP
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	78	S340661-07	\$2,305,676	STP
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	199	S340661-08	\$247,348	Swr(3)
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	385	S340661-09	\$384,168	Rehab
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	44	S340661-10	\$289,789	STP
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	199	S340661-11	\$289,789	PS,Rehab
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	199	S340661-12	\$6,614,815	FM
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	385	S340661-13	\$570,013	NP
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	650	S342017-01	\$954,929	Alt
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	736	S342017-02	\$6,354,123	NP
<input type="checkbox"/>	Carneys Point Township	304	S340502-06	\$510,792	PS
<input type="checkbox"/>	Carteret Borough	240	S340939-05	\$3,997,392	Swr,PS
<input type="checkbox"/>	Chatham Borough	290	S340403-06	\$1,713,312	Swr
<input type="checkbox"/>	Cinnaminson Sewage Auth.	145	S340170-04	\$955,479	Swr
<input type="checkbox"/>	Cinnaminson Township	529	S340170-05	\$647,074	Bldg

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input checked="" type="checkbox"/>	Cliffside Park Borough	79	S340847-05	\$2,718,518	Swr
<input type="checkbox"/>	Clifton City	187	S340844-02	\$570,013	PS
<input type="checkbox"/>	Collingswood Borough	158	S340291-03	\$1,003,115	PS
<input type="checkbox"/>	Cranford Township	155	S340858-01	\$1,157,106	I/I,CL
<input type="checkbox"/>	Cranford Township	532	S340858-04	\$2,969,927	Strm
<input type="checkbox"/>	Cumberland County Improv. Auth.	734	S342015-01	\$25,607,620	Ldfill
<input type="checkbox"/>	Cumberland County Improv. Auth.	734	S342015-02	\$2,049,114	Bldg
<input type="checkbox"/>	Cumberland County Util. Auth.	229	S340550-05	\$1,713,312	FM
<input type="checkbox"/>	Delaware Township Munic. Util. Auth.	70	S340917-01	\$3,866,213	STP
<input type="checkbox"/>	Delran Township	528	S340794-06	\$1,220,236	Bldg
<input type="checkbox"/>	Deptford Township Munic. Util. Auth.	221	S340066-02	\$5,478,436	PS,CS
<input type="checkbox"/>	Dumont Borough	579	S340922-04	\$3,734,892	Strm
<input type="checkbox"/>	Dumont Borough	579	S340922-05	\$4,784,482	Strm
<input type="checkbox"/>	East Brunswick Sewage Auth.	204	S340168-01	\$1,847,907	Swr
<input type="checkbox"/>	East Greenwich Township	517	S340368-02	\$2,781,719	PS
<input type="checkbox"/>	East Orange Water Comm.	186	S340843-01	\$3,997,392	I/I
<input type="checkbox"/>	East Windsor Munic. Util. Auth.	95	S340536-07	\$2,718,518	STP
<input type="checkbox"/>	Eatontown Sewage Auth.	267	S340136-01	\$5,962,475	Swr,PS
<input type="checkbox"/>	Edgewater Borough	140	S340446-11	\$944,671	STP
<input type="checkbox"/>	Edgewater Borough	304	S340446-12	\$693,244	Swr
<input type="checkbox"/>	Edgewater Park Sewage Auth.	303	S340108-02	\$4,385,536	PS,Rehab
<input checked="" type="checkbox"/>	Elizabeth City	24	S340942-11	\$5,308,104	CSO
<input checked="" type="checkbox"/>	Elizabeth City	59	S340942-12	\$1,025,159	CSO
<input type="checkbox"/>	Elmwood Park Borough	250	S340863-01	\$985,189	I/I

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Englewood Cliffs Borough	616	S340169-01	\$430,399	Strm,Eq(3)
<input checked="" type="checkbox"/>	EUCJM - Elizabeth City	110	S340686-06A	\$4,500,000	STP
<input checked="" type="checkbox"/>	EUCJM - Irvington Township	110	S340686-06C	\$1,630,000	STP
<input checked="" type="checkbox"/>	EUCJM - Newark City	110	S340686-06D	\$1,050,000	STP
<input checked="" type="checkbox"/>	EUCJM - South Orange Village Township	110	S340686-06E	\$460,000	STP
<input checked="" type="checkbox"/>	EUCJM - West Orange Township	110	S340686-06F	\$1,170,000	STP
<input checked="" type="checkbox"/>	EUCJM- Hillside Township	110	S340686-06B	\$520,000	STP
<input type="checkbox"/>	Evesham Twp Munic. Util. Auth.	113	S340838-03	\$3,451,177	I/I,FM
<input type="checkbox"/>	Ewing Lawrence Sewage Auth.	3	S340391-08	\$9,782,685	FM
<input type="checkbox"/>	Fairview Borough	289	S340517-01	\$1,522,661	I/I
<input type="checkbox"/>	Franklin Township Sewage Auth.	197	S340839-05	\$2,049,114	PS
<input type="checkbox"/>	Galloway Township	573	S340892-03	\$2,183,395	Strm
<input type="checkbox"/>	Galloway Township	228	S340892-04	\$666,345	PS
<input type="checkbox"/>	Garfield City	218	S340172-01	\$3,997,392	Swr
<input type="checkbox"/>	Gibbsboro Borough	346	S340871-03	\$1,518,344	Swr
<input type="checkbox"/>	Glen Ridge Borough	301	S340861-01	\$337,786	I/I
<input type="checkbox"/>	Gloucester County Improv. Auth.	661	S342016-01	\$1,388,163	Ldfill,PS
<input type="checkbox"/>	Gloucester County Improv. Auth.	733	S342016-02	\$5,962,475	Ldfill
<input type="checkbox"/>	Gloucester County Util. Auth.	111	S340902-05	\$480,088	STP
<input type="checkbox"/>	Gloucester County Util. Auth.	174	S340902-06	\$1,834,464	FM
<input type="checkbox"/>	Gloucester County Util. Auth.	381	S340902-07	\$2,049,114	Rehab
<input type="checkbox"/>	Gloucester Township	553	S340364-07	\$1,881,499	Strm
<input type="checkbox"/>	Gloucester Township	553	S340364-08	\$861,108	NP
<input type="checkbox"/>	Gloucester Township Munic. Util. Auth.	196	S340364-01	\$2,742,687	Swr

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Hackensack City	65	S340923-10	\$39,469,524	CSO
<input type="checkbox"/>	Hackensack City	206	S340923-11	\$2,049,114	Swr
<input type="checkbox"/>	Haddonfield Borough	274	S340220-01	\$2,517,530	Swr,Strm
<input type="checkbox"/>	Haledon Borough	149	S340173-01	\$1,396,910	Swr
<input type="checkbox"/>	Hamburg Borough	340	S340149-01	\$985,189	PS
<input type="checkbox"/>	Hamburg Borough	634	S340149-02	\$570,013	Strm
<input type="checkbox"/>	Hamilton Township	177	S340898-02	\$13,012,687	Swr
<input type="checkbox"/>	Hamilton Township	61	S340898-03	\$430,399	STP
<input type="checkbox"/>	Hamilton Township	177	S340898-04	\$6,739,361	Swr
<input type="checkbox"/>	Hamilton Township	177	S340898-05	\$3,032,199	Rehab
<input type="checkbox"/>	Harrington Park Borough	622	S340223-01	\$430,399	NP
<input type="checkbox"/>	Hawthorne Borough	253	S340881-04	\$708,917	FM
<input type="checkbox"/>	Highland Borough	620	S340901-03	\$1,205,942	Strm
<input type="checkbox"/>	Hillsborough Township	408	S340099-01	\$6,614,815	Swr
<input type="checkbox"/>	Hillside Township	577	S340906-04	\$748,257	Strm
<input type="checkbox"/>	Hopatcong Borough	22	S340488-05	\$17,222,998	CS
<input type="checkbox"/>	Hopatcong Borough	527	S340488-06	\$570,013	Strm
<input checked="" type="checkbox"/>	Hudson County Improv. Auth.	655	S340094-01	\$6,614,815	NP
<input type="checkbox"/>	Island Heights Borough	357	S340176-01	\$392,454	PS
<input type="checkbox"/>	Island Heights Borough	357	S340176-02	\$102,348	PS(3)
<input type="checkbox"/>	Jackson Township Munic. Util. Auth.	205	S340953-02	\$2,049,114	I/I
<input type="checkbox"/>	Jamesburg Borough	312	S340224-01	\$1,117,248	Swr,I/I
<input checked="" type="checkbox"/>	Jersey City Munic. Util. Auth.	26	S340928-06	\$4,653,327	Swr
<input checked="" type="checkbox"/>	Jersey City Munic. Util. Auth.	26	S340928-07	\$3,345,345	CSO

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input checked="" type="checkbox"/>	Jersey City Redevelop. Agcy	396	S340119-01	\$3,000,793	Swr,Strm,NP
<input type="checkbox"/>	Keansburg Borough	589	S340118-03	\$1,847,907	PS
<input type="checkbox"/>	Keamy Munic. Util. Auth.	126	S340259-07	\$6,093,106	PS
<input type="checkbox"/>	Lambertville Sewage Auth.	82	S340882-06	\$8,955,868	STP
<input type="checkbox"/>	Lambertville Sewage Auth.	628	S340882-07	\$430,399	Eq(3)
<input type="checkbox"/>	Lawrence Township	738	S340395-02	\$18,347,670	BR
<input type="checkbox"/>	Linden City	746	S340679-02	\$16,322,578	BR
<input type="checkbox"/>	Linwood City	606	S340217-01	\$937,026	Strm
<input type="checkbox"/>	Linwood City	606	S340217-02	\$2,183,362	Strm
<input type="checkbox"/>	Little Falls Township	591	S340716-05	\$1,235,996	Strm
<input type="checkbox"/>	Little Falls Township	282	S340716-06	\$1,163,975	PS
<input type="checkbox"/>	Lodi Borough	226	S340317-02	\$1,780,655	Swr
<input type="checkbox"/>	Long Beach Township	337	S340023-02	\$1,861,346	Swr
<input type="checkbox"/>	Long Beach Township	337	S340023-03	\$2,049,114	Swr
<input type="checkbox"/>	Long Branch Sewage Auth.	37	S340336-03	\$12,486,294	STP,Bldg
<input type="checkbox"/>	Long Branch Sewage Auth.	134	S340336-07	\$3,997,392	Swr
<input type="checkbox"/>	Long Hill Township	232	S340404-07	\$1,645,877	PS
<input type="checkbox"/>	Lopatcong Borough	315	S340264-02	\$3,340,073	Swr,FM
<input type="checkbox"/>	Lyndhurst Township	245	S340426-08	\$2,015,637	Rehb,Strm
<input type="checkbox"/>	Manasquan River Reg. Sewage Auth.	151	S340911-01	\$708,917	Swr
<input type="checkbox"/>	Mansfield Township	486	S340935-03	\$11,392,714	CS,STP
<input type="checkbox"/>	Maple Shade Township	392	S340710-03	\$496,861	RWBR
<input type="checkbox"/>	Maple Shade Township	247	S340710-04	\$1,721,795	WM
<input type="checkbox"/>	Maple Shade Township	119	S340710-05	\$2,541,541	Alt

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Maple Shade Township	247	S340710-06	\$32,459	Swr(3)
<input type="checkbox"/>	Maywood Borough	293	S340226-01	\$1,704,887	Swr
<input type="checkbox"/>	MCJM - Chatham Borough	118	S340715-04A	\$1,615,000	STP
<input type="checkbox"/>	MCJM - Madison Borough	118	S340715-04B	\$2,100,000	STP
<input type="checkbox"/>	Medford Township	103	S340346-05	\$4,850,022	STP
<input type="checkbox"/>	Medford Township	231	S340346-06	\$3,242,185	Swr
<input type="checkbox"/>	Medford Township	103	S340346-07	\$3,340,073	SLDGE
<input type="checkbox"/>	Merchantville-Pennsauken Water Comm.	388	S340137-01	\$3,926,023	RWBR
<input type="checkbox"/>	Middlesex County Util. Auth.	7	S340699-05	\$93,370,451	STP
<input type="checkbox"/>	Middlesex County Util. Auth.	161	S340699-07	\$8,105,182	PS
<input type="checkbox"/>	Middlesex County Util. Auth.	161	S340699-08	\$22,180,484	Swr
<input type="checkbox"/>	Middlesex County Util. Auth.	161	S340699-09	\$11,396,574	Rehab
<input type="checkbox"/>	Middlesex County Util. Auth.	644	S342012-02	\$4,915,537	Ldfill
<input type="checkbox"/>	Middletown Township	551	S340097-01	\$3,997,392	NP
<input type="checkbox"/>	Middletown Township	551	S340097-03	\$147,540	Strm(3)
<input type="checkbox"/>	Midland Park Borough	308	S340227-01	\$323,693	Swr
<input type="checkbox"/>	Millville City	68	S340921-06	\$8,492,702	STP
<input type="checkbox"/>	Montclair State University	502	S340321-02	\$6,614,815	Swr
<input type="checkbox"/>	Montclair Township	209	S340837-02	\$4,522,375	Swr
<input type="checkbox"/>	Montgomery Township	83	S340130-01	\$11,843,014	STP
<input type="checkbox"/>	Montgomery Township	83	S340130-02	\$17,350,281	STP
<input type="checkbox"/>	Montville Township	239	S340931-03	\$2,317,315	Swr
<input type="checkbox"/>	Mount Holly Munic. Util. Auth.	238	S340817-04	\$1,968,730	PS
<input type="checkbox"/>	Mount Holly Township	592	S340817-05	\$169,048	NP(3)

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Mount Laurel Munic. Util. Auth.	207	S340943-05	\$1,214,431	Swr
<input type="checkbox"/>	Mount Laurel Township	558	S340943-04	\$10,426,744	NP
<input type="checkbox"/>	Musconetcong Sewage Auth.	1	S340384-07	\$1,128,237	STP
<input type="checkbox"/>	Musconetcong Sewage Auth.	243	S340384-08	\$1,396,910	Swr,PS
<input type="checkbox"/>	NALJM - Lyndhurst Township	245	S340426-07A	\$1,050,000	PS
<input type="checkbox"/>	NALJM - North Arlington Borough	245	S340426-07B	\$1,050,000	PS
<input type="checkbox"/>	Neptune Township	211	S340410-04	\$3,997,392	I/I
<input type="checkbox"/>	Neptune Township	563	S340410-06	\$708,917	Bldg
<input type="checkbox"/>	Neptune Township	563	S340410-07	\$5,308,104	Strm
<input type="checkbox"/>	Neptune Township	563	S340410-08	\$1,396,910	NP
<input type="checkbox"/>	Neptune Township Sewage Auth.	390	S340410-09	\$13,000,360	SLDGE
<input type="checkbox"/>	New Milford Borough	258	S340177-01	\$708,917	Swr
<input checked="" type="checkbox"/>	Newark City	645	S340815-11	\$24,882,448	BR,Strm
<input checked="" type="checkbox"/>	Newark City	531	S340815-12	\$18,901,746	BR,Strm
<input checked="" type="checkbox"/>	Newark City	369	S340815-14	\$847,274	Eq
<input checked="" type="checkbox"/>	Newark City	369	S340815-16	\$5,923,270	Eq
<input checked="" type="checkbox"/>	Newark City	369	S340815-18	\$1,645,877	Strm
<input checked="" type="checkbox"/>	Newark City	99	S340815-19	\$4,653,327	Strm
<input checked="" type="checkbox"/>	Newark City	9	S340815-20	\$17,986,421	Rehab
<input checked="" type="checkbox"/>	NJ City University/Jersey City Munic. Util.	719	S340111-02	\$33,044,731	BR,Strm
<input type="checkbox"/>	NJ Sports and Exp. Authority	611	S340138-01	\$3,471,822	Strm
<input type="checkbox"/>	North Bergen Munic. Util. Auth.	19	S340652-09	\$13,277,402	CSO
<input type="checkbox"/>	North Bergen Munic. Util. Auth.	466	S340652-10	\$1,679,606	Eq
<input type="checkbox"/>	North Haledon Borough	300	S340229-01	\$1,021,028	PS

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input checked="" type="checkbox"/>	North Hudson Sewage Auth.	55	S340952-13	\$24,212,332	Swr
<input checked="" type="checkbox"/>	North Hudson Sewage Auth.	55	S340952-14	\$30,948,777	CSO,Swr,Rehb
<input checked="" type="checkbox"/>	North Hudson Sewage Auth.	77	S340952-15	\$2,096,134	STP
<input checked="" type="checkbox"/>	North Hudson Sewage Auth.	55	S340952-16	\$874,933	CS
<input type="checkbox"/>	North West Bergen County Util. Auth.	394	S340700-10	\$3,094,238	Incin
<input type="checkbox"/>	North Wildwood City	132	S340663-04	\$7,018,478	Swr
<input type="checkbox"/>	Northwest Bergen County Util. Auth.	288	S340700-09	\$6,647,662	PS,FM
<input type="checkbox"/>	Northwest Bergen Util. Auth.	422	S340700-11	\$6,419,326	PS
<input type="checkbox"/>	Norwood Borough	316	S340230-01	\$1,396,910	PS
<input type="checkbox"/>	Ocean County Util. Auth.	164	S340372-38	\$2,718,518	Strm
<input type="checkbox"/>	Ocean County Util. Auth.	164	S340372-39	\$8,234,403	Swr,PS
<input type="checkbox"/>	Ocean County Util. Auth.	375	S340372-42	\$1,240,380	Rehab
<input type="checkbox"/>	Ocean County Util. Auth.	164	S340372-43	\$5,689,980	PS
<input type="checkbox"/>	Ocean County Util. Auth.	164	S340372-44	\$3,997,392	Rehab
<input type="checkbox"/>	Ocean Gate Borough	353	S340151-01	\$328,498	Swr
<input type="checkbox"/>	Ocean Township	310	S340750-09	\$550,515	PS
<input type="checkbox"/>	Ocean Township Sewage Auth.	47	S340750-08	\$4,391,306	STP,OR
<input type="checkbox"/>	Old Bridge Munic. Util. Auth.	482	S340945-08	\$8,492,702	INT
<input type="checkbox"/>	Oradell Borough	296	S340835-02	\$708,917	Swr
<input type="checkbox"/>	Palmyra Borough	373	S340030-03	\$985,189	PS
<input type="checkbox"/>	Parsippany-Troy Hills Township	93	S340886-01	\$36,012,860	STP
<input type="checkbox"/>	Parsippany-Troy Hills Township	183	S340886-02	\$388,383	PS(3)
<input type="checkbox"/>	Passaic City	195	S340845-01	\$3,997,392	I/I,Eq
<input checked="" type="checkbox"/>	Passaic Valley Sew. Comm.	71	S340689-15	\$3,451,177	CSO

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input checked="" type="checkbox"/>	Passaic Valley Sew. Comm.	90	S340689-16	\$13,000,360	STP
<input checked="" type="checkbox"/>	Passaic Valley Sew. Comm.	464	S340689-17	\$3,054,560	Eq
<input checked="" type="checkbox"/>	Passaic Valley Sew. Comm.	90	S340689-18	\$21,037,573	Rehab
<input checked="" type="checkbox"/>	Passaic Valley Sew. Comm.	90	S340689-19	\$63,223,700	Alt
<input checked="" type="checkbox"/>	Paterson City	36	S340850-04	\$13,000,360	CSO
<input type="checkbox"/>	Penns Grove Sewage Auth.	326	S340502-05	\$1,122,734	Swr
<input type="checkbox"/>	Pennsauken Sewage Auth.	210	S340349-05	\$1,198,294	Swr
<input type="checkbox"/>	Peq. Lincoln Pk, Fairfield Sewage Auth.	46	S340880-03	\$3,997,392	STP
<input checked="" type="checkbox"/>	Perth Amboy Redevelop. Agcy	737	S340435-07	\$36,825,064	BR
<input type="checkbox"/>	Phillipsburg Redevelop. Auth.	749	S340874-06	\$9,215,958	BR
<input type="checkbox"/>	Phillipsburg Town	80	S340874-04	\$11,521,361	STP
<input type="checkbox"/>	Phillipsburg Town	80	S340874-05	\$2,049,114	OR
<input type="checkbox"/>	Pine Beach Borough	640	S340248-01	\$293,500	Strm(3)
<input type="checkbox"/>	Plainfield Area Reg. Sewage Auth.	176	S340949-05	\$3,997,392	PS,FM
<input type="checkbox"/>	Plainfield City	555	S340240-01	\$81,147	Bldg(3)
<input type="checkbox"/>	Plainfield City	555	S340240-03	\$1,343,743	Bldg
<input type="checkbox"/>	Plainfield City	674	S340240-04	\$78,934	Well(3)
<input type="checkbox"/>	Plainfield City	555	S340240-05	\$60,491	Strm(3)
<input type="checkbox"/>	Plainfield Munic. Util. Auth.	487	S340240-02	\$3,997,392	PS
<input type="checkbox"/>	Plumsted Township	431	S340607-03	\$20,280,964	CS
<input type="checkbox"/>	Point Pleasant Beach Borough	617	S340479-03	\$5,419,490	NP
<input type="checkbox"/>	Pompton Lakes Borough Munic. Util. Aut	286	S340636-05	\$736,679	PS,Swr
<input type="checkbox"/>	Pompton Lakes Munic. Util. Auth.	393	S340636-06	\$792,068	SLDGE
<input type="checkbox"/>	Pompton Lakes Munic. Util. Auth.	74	S340636-07	\$430,399	STP

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Princeton (PSOC) Borough	135	S340656-06B	\$3,300,000	Swr
<input type="checkbox"/>	Princeton (PSOC) Township	135	S340656-06A	\$3,300,000	Swr
<input type="checkbox"/>	Prospect Park Borough	314	S340186-01	\$708,917	Swr
<input type="checkbox"/>	Rahway City	222	S340546-02	\$357,442	Swr
<input type="checkbox"/>	Rahway City	570	S340546-03	\$1,483,949	Strm
<input type="checkbox"/>	Ramsey Borough	264	S340207-01	\$514,284	PS
<input type="checkbox"/>	Ringwood Borough	586	S340157-01	\$465,419	Eq
<input type="checkbox"/>	River Vale Township	594	S340188-01	\$1,191,434	Bldg,Strm
<input type="checkbox"/>	Rockaway Valley Reg. Sewage Auth.	181	S340756-02	\$2,718,518	INT
<input type="checkbox"/>	Rockleigh Borough	364	S340232-01	\$1,026,537	SR
<input type="checkbox"/>	Roselle Park Borough	268	S340234-01	\$1,889,557	Swr
<input type="checkbox"/>	Rutherford Borough	254	S340192-01	\$708,917	Swr
<input type="checkbox"/>	Salem City	115	S340235-01	\$2,451,173	STP,PS
<input type="checkbox"/>	Salem City	516	S340235-02	\$1,546,267	Strm
<input type="checkbox"/>	Sayreville Borough	330	S340326-07	\$7,049,396	Swr
<input type="checkbox"/>	Sea Bright Borough	642	S340077-01	\$3,774,303	Strm,PS
<input type="checkbox"/>	Seaside Heights Borough	153	S340236-01	\$3,913,060	Swr
<input type="checkbox"/>	Secaucus Munic. Util. Auth.	85	S340154-01	\$3,472,480	PS,Alt
<input type="checkbox"/>	Somerdale Borough	320	S340338-04	\$444,422	Swr
<input type="checkbox"/>	Somers Point City	278	S340618-01	\$2,718,518	I/I
<input type="checkbox"/>	Stafford Township	583	S340946-04	\$33,934	Bldg(3)
<input type="checkbox"/>	Stanhope Borough	335	S340504-02	\$254,421	Swr(3)
<input type="checkbox"/>	Stanhope Borough	633	S340504-03	\$147,540	NP(3)
<input type="checkbox"/>	Stone Harbor Borough	360	S340722-02	\$3,142,560	Swr

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Stone Harbor Borough	360	S340722-03	\$2,070,681	Swr
<input type="checkbox"/>	Stony Brook Regional Sewage Auth.	94	S340400-06	\$9,266,707	STP
<input type="checkbox"/>	Sussex Borough	351	S340155-01	\$1,396,910	Swr
<input type="checkbox"/>	Teterboro Borough	752	S340339-02	\$21,889,461	BR
<input type="checkbox"/>	Teterboro Borough	752	S340339-03	\$33,535,341	BR,Strm
<input type="checkbox"/>	Toms River Munic. Util. Auth.	180	S340145-01	\$13,000,360	Swr,PS
<input type="checkbox"/>	Toms River Township	550	S340145-02	\$1,054,062	Strm,Eq
<input type="checkbox"/>	Two Rivers Water Recl. Auth.	184	S340117-04	\$985,189	PS
<input type="checkbox"/>	Union County Improv. Auth.	731	S340124-01	\$23,069,596	BR,Strm
<input type="checkbox"/>	Union Township	194	S340293-04	\$999,117	INT
<input type="checkbox"/>	Ventnor City	270	S340241-01	\$1,259,960	Swr
<input type="checkbox"/>	Voorhees Township	410	S340875-01	\$5,630,570	CS,FM
<input type="checkbox"/>	Waldwick Borough	292	S340195-01	\$233,167	Swr(3)
<input type="checkbox"/>	Wanaque Valley Reg. Sewage Auth.	96	S340780-03	\$2,718,518	STP
<input type="checkbox"/>	Waterford Township	590	S340163-02	\$500,308	Bldg
<input type="checkbox"/>	West Caldwell Borough	277	S340200-01	\$268,597	PS(3)
<input type="checkbox"/>	West Deptford Township	244	S340947-04	\$2,049,114	PS
<input type="checkbox"/>	Western Monmouth Util. Auth.	117	S340128-02	\$3,217,620	STP
<input type="checkbox"/>	Westwood Borough	280	S340862-02	\$1,219,112	Swr(1)
<input type="checkbox"/>	Wildwood Crest Borough	142	S340719-02	\$5,708,755	Swr
<input type="checkbox"/>	Willingboro Munic. Util. Auth.	101	S340132-02	\$9,270,579	STP
<input type="checkbox"/>	Willingboro Township	472	S340132-03	\$2,649,105	Strm
<input type="checkbox"/>	Winslow Township	212	S340895-07	\$653,528	Swr
<input type="checkbox"/>	Woodbridge Township	742	S340433-10	\$9,943,795	BR

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Woodland Park Borough	510	S340203-01	\$2,049,114	CS
<input type="checkbox"/>	Wood-Ridge Borough	602	S340239-01	\$646,771	Strm
<input type="checkbox"/>	Wyckoff Township	641	S340738-04	\$535,216	Eq
Total Projects:		311	Total Cost	\$1,791,100,841	

- (1) *Emergency*
- (2) *Supplemental*
- (3) *Direct Loan*
- (4) *Small System*
- (5) *Preaward Approval*
- (6) *Direct Loan/Small System*

Alt = Alternative Energy	OR = Outfall Repair
Aux = Install. Of Emerg. Gen.	PS = Pump Station
Bldg = Building New/Rehab	Pump = Pumps
BR = Brownfield	Rehab = Rehabilitation
CL = Cleaning and Lining	ResCv = Reservoir Cover
CS = Collection System	ResRh = Reservoir Rehabilitation
CSO = Combined Swr Overflow	RWBR = Beneficial Reuse
DMI = Drought Mgt. Initiative	SEC = Security Features
EQ = Equipment	SLDGE = Sludge Facility
FM = Force Main	SR = Aquif Storage / Recov. Well
I/I = Infiltration Inflow	ST = Storage Tank
Incin = Incinerator	STP = Sewage Treatment Plant
INT = Interconnection	Strm = Storm water
Land = Land preservation	Swr = Sanitary Sewer
Ldfill = Landfill Closure	Treat = Treatment
LSL = Lead Service Lines	Well = Well Construct / Rehab.
Meter = Water Meters	WM = Water Mains
NP = Nonpoint	WTP = Water Treatment Plant

Appendix A2
2010 Financing Program (SFY 2011)
Clean Water Projects in Priority Order

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	1	Musconetcong Sewage Auth.	S340384-07	\$1,128,237	STP
<input type="checkbox"/>	3	Ewing Lawrence Sewage Auth.	S340391-08	\$9,782,685	FM
<input type="checkbox"/>	7	Middlesex County Util. Auth.	S340699-05	\$93,370,451	STP
<input checked="" type="checkbox"/>	9	Newark City	S340815-20	\$17,986,421	Rehab
<input checked="" type="checkbox"/>	10	Camden City	S340366-09	\$5,308,104	PS
<input checked="" type="checkbox"/>	10	Camden City	S340366-03	\$10,361,096	PS
<input checked="" type="checkbox"/>	10	Camden City	S340366-07	\$19,257,315	Swr
<input checked="" type="checkbox"/>	10	Camden City	S340641-03	\$8,879,791	Swr
<input checked="" type="checkbox"/>	10	Camden City	S340366-10	\$708,917	CSO
<input type="checkbox"/>	18	Bayonne Munic. Util. Auth.	S340399-30	\$4,707,113	Alt
<input type="checkbox"/>	19	North Bergen Munic. Util. Auth.	S340652-09	\$13,277,402	CSO
<input type="checkbox"/>	22	Hopatcong Borough	S340488-05	\$17,222,998	CS
<input checked="" type="checkbox"/>	24	Elizabeth City	S340942-11	\$5,308,104	CSO
<input type="checkbox"/>	25	Bayshore Reg. Sewerage Auth.	S340697-04	\$7,846,596	STP,Alt
<input checked="" type="checkbox"/>	26	Jersey City Munic. Util. Auth.	S340928-07	\$3,345,345	CSO
<input checked="" type="checkbox"/>	26	Jersey City Munic. Util. Auth.	S340928-06	\$4,653,327	Swr
<input checked="" type="checkbox"/>	36	Paterson City	S340850-04	\$13,000,360	CSO
<input type="checkbox"/>	37	Long Branch Sewage Auth.	S340336-03	\$12,486,294	STP,Bldg
<input type="checkbox"/>	40	Atlantic County Util. Auth.	S340809-17	\$9,266,707	STP
<input type="checkbox"/>	44	Cape May County Munic. Util. Auth.	S340661-10	\$289,789	STP
<input type="checkbox"/>	46	Peq. Lincoln Pk, Fairfield Sewage Auth.	S340880-03	\$3,997,392	STP

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	47	Ocean Township Sewage Auth.	S340750-08	\$4,391,306	STP,OR
<input checked="" type="checkbox"/>	52	Camden County Munic. Util. Auth.	S340640-11	\$7,846,596	STP
<input checked="" type="checkbox"/>	55	North Hudson Sewage Auth.	S340952-13	\$24,212,332	Swr
<input checked="" type="checkbox"/>	55	North Hudson Sewage Auth.	S340952-16	\$874,933	CS
<input checked="" type="checkbox"/>	55	North Hudson Sewage Auth.	S340952-14	\$30,948,777	CSO,Swr,Rehb
<input checked="" type="checkbox"/>	59	Elizabeth City	S340942-12	\$1,025,159	CSO
<input type="checkbox"/>	61	Hamilton Township	S340898-03	\$430,399	STP
<input type="checkbox"/>	65	Hackensack City	S340923-10	\$39,469,524	CSO
<input type="checkbox"/>	68	Millville City	S340921-06	\$8,492,702	STP
<input type="checkbox"/>	70	Delaware Township Munic. Util. Auth.	S340917-01	\$3,866,213	STP
<input checked="" type="checkbox"/>	71	Passaic Valley Sew. Comm.	S340689-15	\$3,451,177	CSO
<input type="checkbox"/>	74	Pompton Lakes Munic. Util. Auth.	S340636-07	\$430,399	STP
<input checked="" type="checkbox"/>	77	North Hudson Sewage Auth.	S340952-15	\$2,096,134	STP
<input type="checkbox"/>	78	Cape May County Munic. Util. Auth.	S340661-07	\$2,305,676	STP
<input checked="" type="checkbox"/>	79	Cliffside Park Borough	S340847-05	\$2,718,518	Swr
<input type="checkbox"/>	80	Phillipsburg Town	S340874-04	\$11,521,361	STP
<input type="checkbox"/>	80	Phillipsburg Town	S340874-05	\$2,049,114	OR
<input type="checkbox"/>	82	Lambertville Sewage Auth.	S340882-06	\$8,955,868	STP
<input type="checkbox"/>	83	Montgomery Township	S340130-02	\$17,350,281	STP
<input type="checkbox"/>	83	Montgomery Township	S340130-01	\$11,843,014	STP
<input type="checkbox"/>	85	Secaucus Munic. Util. Auth.	S340154-01	\$3,472,480	PS,Alt
<input checked="" type="checkbox"/>	87	Bergen County Util. Auth.	S340386-09	\$31,783,125	I/I
<input checked="" type="checkbox"/>	90	Passaic Valley Sew. Comm.	S340689-16	\$13,000,360	STP
<input checked="" type="checkbox"/>	90	Passaic Valley Sew. Comm.	S340689-18	\$21,037,573	Rehab

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input checked="" type="checkbox"/>	90	Passaic Valley Sew. Comm.	S340689-19	\$63,223,700	Alt
<input type="checkbox"/>	93	Parsippany-Troy Hills Township	S340886-01	\$36,012,860	STP
<input type="checkbox"/>	94	Stony Brook Regional Sewage Auth.	S340400-06	\$9,266,707	STP
<input type="checkbox"/>	95	East Windsor Munic. Util. Auth.	S340536-07	\$2,718,518	STP
<input type="checkbox"/>	96	Wanaque Valley Reg. Sewage Auth.	S340780-03	\$2,718,518	STP
<input type="checkbox"/>	97	Allamuchy Township	S340256-02	\$3,997,392	STP
<input checked="" type="checkbox"/>	99	Newark City	S340815-19	\$4,653,327	Strm
<input type="checkbox"/>	101	Willingboro Munic. Util. Auth.	S340132-02	\$9,270,579	STP
<input type="checkbox"/>	103	Medford Township	S340346-07	\$3,340,073	SLDGE
<input type="checkbox"/>	103	Medford Township	S340346-05	\$4,850,022	STP
<input type="checkbox"/>	105	Bordentown Sewage Auth.	S340219-01	\$2,718,518	STP,CS
<input checked="" type="checkbox"/>	108	Bergen County Util. Auth.	S340386-06	\$12,743,389	STP
<input checked="" type="checkbox"/>	109	Bergen County Util. Auth.	S340386-08	\$23,196,617	STP
<input checked="" type="checkbox"/>	110	EUCJM - Irvington Township	S340686-06C	\$1,630,000	STP
<input checked="" type="checkbox"/>	110	EUCJM - Newark City	S340686-06D	\$1,050,000	STP
<input checked="" type="checkbox"/>	110	EUCJM - South Orange Village Township	S340686-06E	\$460,000	STP
<input checked="" type="checkbox"/>	110	EUCJM - West Orange Township	S340686-06F	\$1,170,000	STP
<input checked="" type="checkbox"/>	110	EUCJM - Elizabeth City	S340686-06A	\$4,500,000	STP
<input checked="" type="checkbox"/>	110	EUCJM- Hillside Township	S340686-06B	\$520,000	STP
<input type="checkbox"/>	111	Gloucester County Util. Auth.	S340902-05	\$480,088	STP
<input type="checkbox"/>	113	Evesham Twp Munic. Util. Auth.	S340838-03	\$3,451,177	I/I,FM
<input type="checkbox"/>	115	Salem City	S340235-01	\$2,451,173	STP,PS
<input type="checkbox"/>	117	Western Monmouth Util. Auth.	S340128-02	\$3,217,620	STP
<input type="checkbox"/>	118	MCJM - Chatham Borough	S340715-04A	\$1,615,000	STP

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	118	MCJM - Madison Borough	S340715-04B	\$2,100,000	STP
<input type="checkbox"/>	119	Maple Shade Township	S340710-05	\$2,541,541	Alt
<input type="checkbox"/>	120	Beverly Sewage Auth.	S340167-01	\$570,013	STP
<input checked="" type="checkbox"/>	121	Camden County Munic. Util. Auth.	S340640-10	\$75,767,100	INT,STP
<input type="checkbox"/>	122	Atlantic County Util. Auth.	S340809-21	\$8,492,702	FM
<input type="checkbox"/>	126	Kearny Munic. Util. Auth.	S340259-07	\$6,093,106	PS
<input type="checkbox"/>	129	Asbury Park City	S340883-04	\$16,713,680	Swr,Strm
<input type="checkbox"/>	132	North Wildwood City	S340663-04	\$7,018,478	Swr
<input type="checkbox"/>	133	Bridgewater Township	S340638-06	\$1,259,960	Swr
<input type="checkbox"/>	134	Long Branch Sewage Auth.	S340336-07	\$3,997,392	Swr
<input type="checkbox"/>	135	Princeton (PSOC) Township	S340656-06A	\$3,300,000	Swr
<input type="checkbox"/>	135	Princeton (PSOC) Borough	S340656-06B	\$3,300,000	Swr
<input type="checkbox"/>	139	Bound Brook Borough	S340295-01	\$360,245	Swr(3)
<input type="checkbox"/>	140	Edgewater Borough	S340446-11	\$944,671	STP
<input type="checkbox"/>	142	Wildwood Crest Borough	S340719-02	\$5,708,755	Swr
<input type="checkbox"/>	145	Cinnaminson Sewage Auth.	S340170-04	\$955,479	Swr
<input type="checkbox"/>	148	Atlantic Highlands Reg. Sewage Auth.	S340857-02	\$332,158	Swr,PS
<input type="checkbox"/>	149	Haledon Borough	S340173-01	\$1,396,910	Swr
<input type="checkbox"/>	151	Manasquan River Reg. Sewage Auth.	S340911-01	\$708,917	Swr
<input type="checkbox"/>	153	Seaside Heights Borough	S340236-01	\$3,913,060	Swr
<input type="checkbox"/>	155	Cranford Township	S340858-01	\$1,157,106	I/I,CL
<input type="checkbox"/>	158	Collingswood Borough	S340291-03	\$1,003,115	PS
<input type="checkbox"/>	161	Middlesex County Util. Auth.	S340699-08	\$22,180,484	Swr
<input type="checkbox"/>	161	Middlesex County Util. Auth.	S340699-09	\$11,396,574	Rehab

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<input type="checkbox"/>	161	Middlesex County Util. Auth.	S340699-07	\$8,105,182	PS
<input type="checkbox"/>	164	Ocean County Util. Auth.	S340372-38	\$2,718,518	Strm
<input type="checkbox"/>	164	Ocean County Util. Auth.	S340372-43	\$5,689,980	PS
<input type="checkbox"/>	164	Ocean County Util. Auth.	S340372-44	\$3,997,392	Rehab
<input type="checkbox"/>	164	Ocean County Util. Auth.	S340372-39	\$8,234,403	Swr,PS
<input type="checkbox"/>	171	Atlantic County Util. Auth.	S340809-10	\$1,780,655	Swr
<input type="checkbox"/>	174	Gloucester County Util. Auth.	S340902-06	\$1,834,464	FM
<input type="checkbox"/>	176	Plainfield Area Reg. Sewage Auth.	S340949-05	\$3,997,392	PS,FM
<input type="checkbox"/>	177	Hamilton Township	S340898-02	\$13,012,687	Swr
<input type="checkbox"/>	177	Hamilton Township	S340898-04	\$6,739,361	Swr
<input type="checkbox"/>	177	Hamilton Township	S340898-05	\$3,032,199	Rehab
<input type="checkbox"/>	180	Toms River Munic. Util. Auth.	S340145-01	\$13,000,360	Swr,PS
<input type="checkbox"/>	181	Rockaway Valley Reg. Sewage Auth.	S340756-02	\$2,718,518	INT
<input type="checkbox"/>	183	Parsippany-Troy Hills Township	S340886-02	\$388,383	PS(3)
<input type="checkbox"/>	184	Two Rivers Water Recl. Auth.	S340117-04	\$985,189	PS
<input type="checkbox"/>	186	East Orange Water Comm.	S340843-01	\$3,997,392	I/I
<input type="checkbox"/>	187	Clifton City	S340844-02	\$570,013	PS
<input type="checkbox"/>	189	Brick Township	S340448-07	\$1,584,586	PS
<input type="checkbox"/>	189	Brick Township	S340448-08	\$930,136	Swr
<input type="checkbox"/>	194	Union Township	S340293-04	\$999,117	INT
<input type="checkbox"/>	195	Passaic City	S340845-01	\$3,997,392	I/I,Eq
<input type="checkbox"/>	196	Gloucester Township Munic. Util. Auth.	S340364-01	\$2,742,687	Swr
<input type="checkbox"/>	197	Franklin Township Sewage Auth.	S340839-05	\$2,049,114	PS
<input type="checkbox"/>	199	Cape May County Munic. Util. Auth.	S340661-12	\$6,614,815	FM

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<input type="checkbox"/>	199	Cape May County Munic. Util. Auth.	S340661-11	\$289,789	PS,Rehab
<input type="checkbox"/>	199	Cape May County Munic. Util. Auth.	S340661-08	\$247,348	Swr(3)
<input type="checkbox"/>	204	East Brunswick Sewage Auth.	S340168-01	\$1,847,907	Swr
<input type="checkbox"/>	205	Jackson Township Munic. Util. Auth.	S340953-02	\$2,049,114	I/I
<input type="checkbox"/>	206	Hackensack City	S340923-11	\$2,049,114	Swr
<input type="checkbox"/>	207	Mount Laurel Munic. Util. Auth.	S340943-05	\$1,214,431	Swr
<input type="checkbox"/>	209	Montclair Township	S340837-02	\$4,522,375	Swr
<input type="checkbox"/>	210	Pennsauken Sewage Auth.	S340349-05	\$1,198,294	Swr
<input type="checkbox"/>	211	Neptune Township	S340410-04	\$3,997,392	I/I
<input type="checkbox"/>	212	Winslow Township	S340895-07	\$653,528	Swr
<input type="checkbox"/>	218	Garfield City	S340172-01	\$3,997,392	Swr
<input type="checkbox"/>	221	Deptford Township Munic. Util. Auth.	S340066-02	\$5,478,436	PS,CS
<input type="checkbox"/>	222	Rahway City	S340546-02	\$357,442	Swr
<input type="checkbox"/>	223	Bergenfield Borough	S340378-02	\$2,618,381	Swr
<input type="checkbox"/>	226	Lodi Borough	S340317-02	\$1,780,655	Swr
<input type="checkbox"/>	228	Galloway Township	S340892-04	\$666,345	PS
<input type="checkbox"/>	229	Cumberland County Util. Auth.	S340550-05	\$1,713,312	FM
<input type="checkbox"/>	231	Medford Township	S340346-06	\$3,242,185	Swr
<input type="checkbox"/>	232	Long Hill Township	S340404-07	\$1,645,877	PS
<input type="checkbox"/>	238	Mount Holly Munic. Util. Auth.	S340817-04	\$1,968,730	PS
<input type="checkbox"/>	239	Montville Township	S340931-03	\$2,317,315	Swr
<input type="checkbox"/>	240	Carteret Borough	S340939-05	\$3,997,392	Swr,PS
<input type="checkbox"/>	242	Burlington Township	S340712-08	\$839,005	Swr
<input type="checkbox"/>	243	Muscongecong Sewage Auth.	S340384-08	\$1,396,910	Swr,PS

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<input type="checkbox"/>	244	West Deptford Township	S340947-04	\$2,049,114	PS
<input type="checkbox"/>	245	NALJM - Lyndhurst Township	S340426-07A	\$1,050,000	PS
<input type="checkbox"/>	245	NALJM - North Arlington Borough	S340426-07B	\$1,050,000	PS
<input type="checkbox"/>	245	Lyndhurst Township	S340426-08	\$2,015,637	Rehb,Strm
<input type="checkbox"/>	247	Maple Shade Township	S340710-04	\$1,721,795	WM
<input type="checkbox"/>	247	Maple Shade Township	S340710-06	\$32,459	Swr(3)
<input type="checkbox"/>	250	Elmwood Park Borough	S340863-01	\$985,189	I/I
<input type="checkbox"/>	251	Bridgeton City	S340829-02	\$1,387,415	Swr
<input type="checkbox"/>	253	Hawthorne Borough	S340881-04	\$708,917	FM
<input type="checkbox"/>	254	Rutherford Borough	S340192-01	\$708,917	Swr
<input type="checkbox"/>	258	New Milford Borough	S340177-01	\$708,917	Swr
<input type="checkbox"/>	264	Ramsey Borough	S340207-01	\$514,284	PS
<input type="checkbox"/>	267	Eatontown Sewage Auth.	S340136-01	\$5,962,475	Swr,PS
<input type="checkbox"/>	268	Roselle Park Borough	S340234-01	\$1,889,557	Swr
<input type="checkbox"/>	270	Ventnor City	S340241-01	\$1,259,960	Swr
<input type="checkbox"/>	274	Haddonfield Borough	S340220-01	\$2,517,530	Swr,Strm
<input type="checkbox"/>	276	Brigantine City	S340827-03	\$5,530,818	Swr,Eq
<input type="checkbox"/>	277	West Caldwell Borough	S340200-01	\$268,597	PS(3)
<input type="checkbox"/>	278	Somers Point City	S340618-01	\$2,718,518	I/I
<input type="checkbox"/>	280	Westwood Borough	S340862-02	\$1,219,112	Swr(1)
<input type="checkbox"/>	282	Little Falls Township	S340716-06	\$1,163,975	PS
<input type="checkbox"/>	286	Pompton Lakes Borough Munic. Util. Auth.	S340636-05	\$736,679	PS,Swr
<input type="checkbox"/>	288	Northwest Bergen County Util. Auth.	S340700-09	\$6,647,662	PS,FM
<input type="checkbox"/>	289	Fairview Borough	S340517-01	\$1,522,661	I/I

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<input type="checkbox"/>	290	Chatham Borough	S340403-06	\$1,713,312	Swr
<input type="checkbox"/>	292	Waldwick Borough	S340195-01	\$233,167	Swr(3)
<input type="checkbox"/>	293	Maywood Borough	S340226-01	\$1,704,887	Swr
<input type="checkbox"/>	296	Oradell Borough	S340835-02	\$708,917	Swr
<input type="checkbox"/>	297	Bordentown Sewage Auth.	S340219-02	\$1,396,910	Swr
<input type="checkbox"/>	300	North Haledon Borough	S340229-01	\$1,021,028	PS
<input type="checkbox"/>	301	Glen Ridge Borough	S340861-01	\$337,786	I/I
<input type="checkbox"/>	303	Edgewater Park Sewage Auth.	S340108-02	\$4,385,536	PS,Rehab
<input type="checkbox"/>	304	Edgewater Borough	S340446-12	\$693,244	Swr
<input type="checkbox"/>	304	Carneys Point Township	S340502-06	\$510,792	PS
<input type="checkbox"/>	307	Barrington Borough	S340305-02	\$1,396,910	Swr
<input type="checkbox"/>	308	Midland Park Borough	S340227-01	\$323,693	Swr
<input type="checkbox"/>	310	Ocean Township	S340750-09	\$550,515	PS
<input type="checkbox"/>	311	Belmar Borough	S340209-01	\$1,212,010	Swr,Strm
<input type="checkbox"/>	312	Jamesburg Borough	S340224-01	\$1,117,248	Swr,I/I
<input type="checkbox"/>	314	Prospect Park Borough	S340186-01	\$708,917	Swr
<input type="checkbox"/>	315	Lopatcong Borough	S340264-02	\$3,340,073	Swr,FM
<input type="checkbox"/>	316	Norwood Borough	S340230-01	\$1,396,910	PS
<input type="checkbox"/>	320	Somerdale Borough	S340338-04	\$444,422	Swr
<input type="checkbox"/>	326	Penns Grove Sewage Auth.	S340502-05	\$1,122,734	Swr
<input type="checkbox"/>	330	Sayreville Borough	S340326-07	\$7,049,396	Swr
<input type="checkbox"/>	335	Stanhope Borough	S340504-02	\$254,421	Swr(3)
<input type="checkbox"/>	337	Long Beach Township	S340023-03	\$2,049,114	Swr
<input type="checkbox"/>	337	Long Beach Township	S340023-02	\$1,861,346	Swr

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<input type="checkbox"/>	340	Hamburg Borough	S340149-01	\$985,189	PS
<input type="checkbox"/>	346	Gibbsboro Borough	S340871-03	\$1,518,344	Swr
<input type="checkbox"/>	351	Sussex Borough	S340155-01	\$1,396,910	Swr
<input type="checkbox"/>	353	Ocean Gate Borough	S340151-01	\$328,498	Swr
<input type="checkbox"/>	357	Island Heights Borough	S340176-01	\$392,454	PS
<input type="checkbox"/>	357	Island Heights Borough	S340176-02	\$102,348	PS(3)
<input type="checkbox"/>	360	Stone Harbor Borough	S340722-02	\$3,142,560	Swr
<input type="checkbox"/>	360	Stone Harbor Borough	S340722-03	\$2,070,681	Swr
<input type="checkbox"/>	364	Rockleigh Borough	S340232-01	\$1,026,537	SR
<input checked="" type="checkbox"/>	369	Newark City	S340815-16	\$5,923,270	Eq
<input checked="" type="checkbox"/>	369	Newark City	S340815-18	\$1,645,877	Strm
<input checked="" type="checkbox"/>	369	Newark City	S340815-14	\$847,274	Eq
<input type="checkbox"/>	373	Palmyra Borough	S340030-03	\$985,189	PS
<input type="checkbox"/>	375	Ocean County Util. Auth.	S340372-42	\$1,240,380	Rehab
<input type="checkbox"/>	378	Burlington County	S340818-04	\$7,846,596	SLDGE
<input type="checkbox"/>	381	Gloucester County Util. Auth.	S340902-07	\$2,049,114	Rehab
<input type="checkbox"/>	382	Atlantic County Util. Auth.	S340809-14	\$4,679,566	RWBR
<input checked="" type="checkbox"/>	383	Atlantic County Util. Auth.	S340809-11	\$7,602,671	RWBR
<input type="checkbox"/>	385	Cape May County Munic. Util. Auth.	S340661-09	\$384,168	Rehab
<input type="checkbox"/>	385	Cape May County Munic. Util. Auth.	S340661-13	\$570,013	NP
<input type="checkbox"/>	388	Merchantville-Pennsauken Water Comm.	S340137-01	\$3,926,023	RWBR
<input type="checkbox"/>	390	Neptune Township Sewage Auth.	S340410-09	\$13,000,360	SLDGE
<input type="checkbox"/>	392	Maple Shade Township	S340710-03	\$496,861	RWBR
<input type="checkbox"/>	393	Pompton Lakes Munic. Util. Auth.	S340636-06	\$792,068	SLDGE

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<input type="checkbox"/>	394	North West Bergen County Util. Auth.	S340700-10	\$3,094,238	Incin
<input checked="" type="checkbox"/>	396	Jersey City Redevelop. Agcy	S340119-01	\$3,000,793	Swr,Strm,NP
<input type="checkbox"/>	408	Hillsborough Township	S340099-01	\$6,614,815	Swr
<input type="checkbox"/>	410	Voorhees Township	S340875-01	\$5,630,570	CS,FM
<input type="checkbox"/>	422	Northwest Bergen Util. Auth.	S340700-11	\$6,419,326	PS
<input type="checkbox"/>	431	Plumsted Township	S340607-03	\$20,280,964	CS
<input checked="" type="checkbox"/>	464	Passaic Valley Sew. Comm.	S340689-17	\$3,054,560	Eq
<input checked="" type="checkbox"/>	465	Camden City	S340366-11	\$2,049,114	Strm
<input type="checkbox"/>	466	North Bergen Munic. Util. Auth.	S340652-10	\$1,679,606	Eq
<input type="checkbox"/>	472	Willingboro Township	S340132-03	\$2,649,105	Strm
<input type="checkbox"/>	482	Old Bridge Munic. Util. Auth.	S340945-08	\$8,492,702	INT
<input type="checkbox"/>	486	Mansfield Township	S340935-03	\$11,392,714	CS,STP
<input type="checkbox"/>	487	Plainfield Munic. Util. Auth.	S340240-02	\$3,997,392	PS
<input type="checkbox"/>	489	Berkeley Twp. Sewage Auth.	S340969-08	\$6,137,256	CS
<input type="checkbox"/>	489	Berkeley Twp. Sewage Auth.	S340969-09	\$4,202,120	CS
<input type="checkbox"/>	502	Montclair State University	S340321-02	\$6,614,815	Swr
<input type="checkbox"/>	503	Aberdeen Township	S340869-02	\$6,223,655	CS
<input type="checkbox"/>	510	Woodland Park Borough	S340203-01	\$2,049,114	CS
<input type="checkbox"/>	516	Salem City	S340235-02	\$1,546,267	Strm
<input type="checkbox"/>	517	East Greenwich Township	S340368-02	\$2,781,719	PS
<input type="checkbox"/>	527	Hopatcong Borough	S340488-06	\$570,013	Strm
<input type="checkbox"/>	528	Delran Township	S340794-06	\$1,220,236	Bldg
<input type="checkbox"/>	529	Cinnaminson Township	S340170-05	\$647,074	Bldg
<input checked="" type="checkbox"/>	531	Newark City	S340815-12	\$18,901,746	BR,Strm

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<input type="checkbox"/>	532	Cranford Township	S340858-04	\$2,969,927	Strm
<input type="checkbox"/>	545	Burlington County Bridge Commission	S340818-05	\$5,962,475	Strm
<input type="checkbox"/>	547	Atlantic County Util. Auth.	S340809-20	\$570,013	Strm
<input type="checkbox"/>	547	Atlantic County Util. Auth.	S340809-18	\$2,317,315	Bldg
<input type="checkbox"/>	547	Atlantic County Util. Auth.	S340809-19	\$1,522,661	NP
<input type="checkbox"/>	550	Toms River Township	S340145-02	\$1,054,062	Strm,Eq
<input type="checkbox"/>	551	Middletown Township	S340097-01	\$3,997,392	NP
<input type="checkbox"/>	551	Middletown Township	S340097-03	\$147,540	Strm(3)
<input type="checkbox"/>	553	Gloucester Township	S340364-08	\$861,108	NP
<input type="checkbox"/>	553	Gloucester Township	S340364-07	\$1,881,499	Strm
<input type="checkbox"/>	555	Plainfield City	S340240-05	\$60,491	Strm(3)
<input type="checkbox"/>	555	Plainfield City	S340240-01	\$81,147	Bldg(3)
<input type="checkbox"/>	555	Plainfield City	S340240-03	\$1,343,743	Bldg
<input type="checkbox"/>	558	Mount Laurel Township	S340943-04	\$10,426,744	NP
<input type="checkbox"/>	559	Berkeley Township	S340969-11	\$2,391,694	Strm
<input type="checkbox"/>	559	Berkeley Township	S340969-07	\$8,786,832	Strm
<input type="checkbox"/>	559	Berkeley Township	S340969-10	\$239,554	Strm(3)
<input type="checkbox"/>	563	Neptune Township	S340410-06	\$708,917	Bldg
<input type="checkbox"/>	563	Neptune Township	S340410-07	\$5,308,104	Strm
<input type="checkbox"/>	563	Neptune Township	S340410-08	\$1,396,910	NP
<input type="checkbox"/>	570	Rahway City	S340546-03	\$1,483,949	Strm
<input type="checkbox"/>	573	Galloway Township	S340892-03	\$2,183,395	Strm
<input type="checkbox"/>	577	Hillside Township	S340906-04	\$748,257	Strm
<input type="checkbox"/>	579	Dumont Borough	S340922-05	\$4,784,482	Strm

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	579	Dumont Borough	S340922-04	\$3,734,892	Strm
<input type="checkbox"/>	583	Stafford Township	S340946-04	\$33,934	Bldg(3)
<input type="checkbox"/>	586	Ringwood Borough	S340157-01	\$465,419	Eq
<input type="checkbox"/>	589	Keansburg Borough	S340118-03	\$1,847,907	PS
<input type="checkbox"/>	590	Waterford Township	S340163-02	\$500,308	Bldg
<input type="checkbox"/>	591	Little Falls Township	S340716-05	\$1,235,996	Strm
<input type="checkbox"/>	592	Mount Holly Township	S340817-05	\$169,048	NP(3)
<input type="checkbox"/>	593	Beachwood Borough	S340208-01	\$416,419	Strm
<input type="checkbox"/>	594	River Vale Township	S340188-01	\$1,191,434	Bldg,Strm
<input type="checkbox"/>	598	Bogota Borough	S340914-02	\$1,218,865	Strm
<input type="checkbox"/>	598	Bogota Borough	S340914-03	\$6,614,815	Strm
<input type="checkbox"/>	602	Wood-Ridge Borough	S340239-01	\$646,771	Strm
<input type="checkbox"/>	606	Linwood City	S340217-01	\$937,026	Strm
<input type="checkbox"/>	606	Linwood City	S340217-02	\$2,183,362	Strm
<input type="checkbox"/>	611	NJ Sports and Exp. Authority	S340138-01	\$3,471,822	Strm
<input type="checkbox"/>	616	Englewood Cliffs Borough	S340169-01	\$430,399	Strm,Eq(3)
<input type="checkbox"/>	617	Point Pleasant Beach Borough	S340479-03	\$5,419,490	NP
<input type="checkbox"/>	620	Highland Borough	S340901-03	\$1,205,942	Strm
<input type="checkbox"/>	622	Harrington Park Borough	S340223-01	\$430,399	NP
<input type="checkbox"/>	628	Lambertville Sewage Auth.	S340882-07	\$430,399	Eq(3)
<input type="checkbox"/>	633	Stanhope Borough	S340504-03	\$147,540	NP(3)
<input type="checkbox"/>	634	Hamburg Borough	S340149-02	\$570,013	Strm
<input type="checkbox"/>	640	Pine Beach Borough	S340248-01	\$293,500	Strm(3)
<input type="checkbox"/>	641	Wyckoff Township	S340738-04	\$535,216	Eq

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	642	Sea Bright Borough	S340077-01	\$3,774,303	Strm,PS
<input type="checkbox"/>	644	Middlesex County Util. Auth.	S342012-02	\$4,915,537	Ldfill
<input checked="" type="checkbox"/>	645	Newark City	S340815-11	\$24,882,448	BR,Strm
<input type="checkbox"/>	650	Cape May County Munic. Util. Auth.	S342017-01	\$954,929	Alt
<input checked="" type="checkbox"/>	655	Hudson County Improv. Auth.	S340094-01	\$6,614,815	NP
<input checked="" type="checkbox"/>	656	Bellmawr Borough	S342011-02	\$66,350,624	Ldfill
<input type="checkbox"/>	661	Gloucester County Improv. Auth.	S342016-01	\$1,388,163	Ldfill,PS
<input type="checkbox"/>	663	Atlantic County Util. Auth.	S342001-02	\$5,962,475	Ldfill
<input type="checkbox"/>	674	Plainfield City	S340240-04	\$78,934	Well(3)
<input checked="" type="checkbox"/>	719	NJ City University/Jersey City Munic. Util. A	S340111-02	\$33,044,731	BR,Strm
<input checked="" type="checkbox"/>	725	Bayonne Local Redevelop. Auth.	S340051-05	\$2,451,173	BR,Strm
<input checked="" type="checkbox"/>	725	Bayonne Local Redevelop. Auth.	S340051-07	\$7,111,175	Strm,OR
<input checked="" type="checkbox"/>	725	Bayonne Local Redevelop. Auth.	S340051-06	\$3,471,822	BR,Strm
<input type="checkbox"/>	731	Union County Improv. Auth.	S340124-01	\$23,069,596	BR,Strm
<input type="checkbox"/>	733	Gloucester County Improv. Auth.	S342016-02	\$5,962,475	Ldfill
<input type="checkbox"/>	734	Cumberland County Improv. Auth.	S342015-01	\$25,607,620	Ldfill
<input type="checkbox"/>	734	Cumberland County Improv. Auth.	S342015-02	\$2,049,114	Bldg
<input type="checkbox"/>	736	Cape May County Munic. Util. Auth.	S342017-02	\$6,354,123	NP
<input checked="" type="checkbox"/>	737	Perth Amboy Redevelop. Agcy	S340435-07	\$36,825,064	BR
<input type="checkbox"/>	738	Lawrence Township	S340395-02	\$18,347,670	BR
<input type="checkbox"/>	742	Woodbridge Township	S340433-10	\$9,943,795	BR
<input type="checkbox"/>	746	Linden City	S340679-02	\$16,322,578	BR
<input type="checkbox"/>	747	Belleville Township	S340243-01	\$7,478,656	BR
<input type="checkbox"/>	749	Phillipsburg Redevelop. Auth.	S340874-06	\$9,215,958	BR

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	752	Teterboro Borough	S340339-02	\$21,889,461	BR
<input type="checkbox"/>	752	Teterboro Borough	S340339-03	\$33,535,341	BR,Strm
<i>Total Projects</i>		311	<i>Total Cost</i>	\$1,791,100,841	

(1) *Emergency*

(2) *Supplemental*

(3) *Direct Loan*

(4) *Small System*

(5) *Preaward Approval*

(6) *Direct Loan/Small System*

Alt = Alternative Energy

Aux = Install. Of Emerg. Gen.

Bldg = Building New/Rehab

BR = Brownfield

CL = Cleaning and Lining

CS = Collection System

CSO = Combined Swr Overflow

DMI = Drought Mgt. Initiative

EQ = Equipment

FM = Force Main

I/I = Infiltration Inflow

Incin = Incinerator

INT = Interconnection

Land = Land preservation

Ldfill = Landfill Closure

LSL = Lead Service Lines

Meter = Water Meters

NP = Nonpoint

OR = Outfall Repair

PS = Pump Station

Pump = Pumps

Rehab = Rehabilitation

ResCv = Reservoir Cover

ResRh = Reservoir Rehabilitation

RWBR = Beneficial Reuse

SEC = Security Features

SLDGE = Sludge Facility

SR = Aquif Storage / Recov. Well

ST = Storage Tank

STP = Sewage Treatment Plant

Strm = Storm water

Swr = Sanitary Sewer

Treat = Treatment

Well = Well Construct / Rehab.

WM = Water Mains

WTP = Water Treatment Plant

Appendix B

*2010 State Land Project
Priority List*

Appendix B1
2010 Financing Program (SFY 2011)
Land Acquisition Projects in Alphabetical Order

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est Cost</i>
<input type="checkbox"/>	Gloucester County Improv. Auth.	662	S343074-01	\$2,049,114
<input type="checkbox"/>	NJ Water Supply Authority	658	S343054-06	\$4,671,170
<input type="checkbox"/>	NJ Water Supply Authority	658	S343054-07	\$3,779,557
<input type="checkbox"/>	Old Bridge Township	671	S343043-02	\$3,997,392
<input type="checkbox"/>	Readington Township	691	S343034-04	\$14,000,636
<input type="checkbox"/>	Sayreville Borough	678	S343075-01	\$31,783,125
<input type="checkbox"/>	Stafford Township	651	S343076-01	\$6,683,353
Total Projects: 7			Total Cost	\$66,964,347

Appendix B2
2010 Financing Program (SFY 2011)
Land Acquisition Projects in Priority Order

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>
<input type="checkbox"/>	651	Stafford Township	S343076-01	\$6,683,353
<input type="checkbox"/>	658	NJ Water Supply Authority	S343054-07	\$3,779,557
<input type="checkbox"/>	658	NJ Water Supply Authority	S343054-06	\$4,671,170
<input type="checkbox"/>	662	Gloucester County Improv. Auth.	S343074-01	\$2,049,114
<input type="checkbox"/>	671	Old Bridge Township	S343043-02	\$3,997,392
<input type="checkbox"/>	678	Sayreville Borough	S343075-01	\$31,783,125
<input type="checkbox"/>	691	Readington Township	S343034-04	\$14,000,636

Total Projects 7

Total Cost: \$66,964,347

Appendix C

2010 State Drinking Water Project Priority List

Appendix C1
2010 Financing Program (SFY 2011)
Drinking Water Projects in Alphabetical Order

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Aberdeen Township	296	1330002-001-0-0	\$1,131,000	WM(4)
<input type="checkbox"/>	Aberdeen Township	295	1330002-002-0-0	\$1,452,700	WM(4)
<input type="checkbox"/>	Aberdeen Township	294	1330002-003-0-0	\$942,500	WM(4)
<input type="checkbox"/>	Aberdeen Township	293	1330002-004-0-0	\$511,000	WM(4)
<input type="checkbox"/>	Allamuchy Township	303	2101001-003-0-0	\$3,166,000	WM
<input type="checkbox"/>	Alpha Borough	220	2102001-001-0-0	\$1,765,150	PS
<input type="checkbox"/>	Aqua New Jersey Inc.	24	0824001-001-0-0	\$942,166	INT(4)
<input type="checkbox"/>	Aqua NJ (Hamilton) Inc.	9	1103001-003-0-0	\$1,786,600	Treat
<input checked="" type="checkbox"/>	Atlantic City Munic. Util. Auth.	53	0102001-003-0-0	\$1,980,000	Well
<input type="checkbox"/>	Avalon Borough	278	0501001-001-0-0	\$1,714,000	ST
<input checked="" type="checkbox"/>	Bayonne Munic. Util. Auth.	91	0901001-003-0-0	\$2,630,000	WM
<input checked="" type="checkbox"/>	Bayonne Munic. Util. Auth.	99	0901001-004-0-0	\$1,287,000	WTP
<input checked="" type="checkbox"/>	Bayonne Munic. Util. Auth.	82	0901001-005-0-0	\$1,049,668	WM
<input type="checkbox"/>	Beach Haven Borough	389	1503001-001-0-0	\$976,976	Well
<input type="checkbox"/>	Beach Haven Borough	212	1503001-002-0-0	\$3,166,000	WM
<input type="checkbox"/>	Beach Haven Borough	268	1503001-003-0-0	\$797,000	Rehb
<input type="checkbox"/>	Beachwood Borough	289	1504001-006-0-0	\$600,000	WM
<input type="checkbox"/>	Belleville Township	400	0701001-005-0-0	\$4,090,000	Meter
<input type="checkbox"/>	Bellmawr Borough	410	0404001-003-0-0	\$8,182,000	WM(4)
<input type="checkbox"/>	Bellmawr Borough	411	0404001-004-0-0	\$551,000	ST(4)
<input type="checkbox"/>	Belmar Borough	141	1306001-001-0-0	\$315,250	WM(4)
<input type="checkbox"/>	Berkeley Township Munic. Util. Auth.	232	1505004-002-0-0	\$6,652,184	WM
<input type="checkbox"/>	Berkeley Township Munic. Util. Auth.	233	1505004-005-0-0	\$10,819,165	WM
<input type="checkbox"/>	Berlin Borough	185	0405001-005-0-0	\$117,065	WTP(3)

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Boonton Town	354	1401001-001-0-0	\$1,285,388	ST(4)
<input type="checkbox"/>	Bordentown City	281	0303001-001-0-0	\$323,000	CL
<input type="checkbox"/>	Bordentown City	280	0303001-002-0-0	\$488,900	WM
<input type="checkbox"/>	Bordentown City	21	0303001-003-0-0	\$264,400	WTP,Treat(3)
<input type="checkbox"/>	Bordentown City	184	0303001-004-0-0	\$526,600	WTP
<input type="checkbox"/>	Bordentown City	378	0303001-005-0-0	\$3,276,000	ST
<input type="checkbox"/>	Brick Township Munic. Util. Auth.	80	1506001-002-0-0	\$6,730,000	Treat
<input type="checkbox"/>	Brick Township Munic. Util. Auth.	139	1506001-003-0-0	\$5,702,480	WM
<input type="checkbox"/>	Brick Township Munic. Util. Auth.	231	1506001-004-0-0	\$610,980	Rehab,Alt,Aux
<input type="checkbox"/>	Brick Township Munic. Util. Auth.	372	1506001-005-0-0	\$3,869,540	Well
<input type="checkbox"/>	Bridgeton City	37	0601001-004-0-0	\$2,196,000	ST
<input type="checkbox"/>	Bridgeton City	57	0601001-005-0-0	\$2,257,600	WM
<input type="checkbox"/>	Brigantine City	201	0103001-009-0-0	\$1,242,000	ST
<input type="checkbox"/>	Bryam Homeowners Assoc Water Co., Inc.	431	1904009-003-0-0	\$145,000	Meter(3)
<input type="checkbox"/>	Burlington Township	453	0306001-002-0-0	\$81,000	Well(3)
<input type="checkbox"/>	Burlington Township	439	0306001-003-0-0	\$270,000	Meter(3)
<input type="checkbox"/>	Burlington Township	275	0306001-004-0-0	\$310,300	WM
<input type="checkbox"/>	Byram Homeowners Assoc.	404	1904009-001-0-0	\$217,500	WM(3)
<input type="checkbox"/>	Byram Homeowners Assoc. Water Co., Inc.	222	1904009-002-0-0	\$145,000	WM(3)
<input type="checkbox"/>	Byram Homeowners Assoc. Water Co., Inc.	364	1904009-004-0-0	\$72,500	Aux(3)
<input type="checkbox"/>	Byram Homeowners Assoc. Water Co., Inc.	312	1904009-005-0-0	\$217,500	ST,Rehb(3)
<input checked="" type="checkbox"/>	Camden City	55	0408001-013-0-0	\$11,040,391	CL
<input checked="" type="checkbox"/>	Camden City	40	0408001-015-0-0	\$1,273,892	WTP
<input checked="" type="checkbox"/>	Camden City	39	0408001-016-0-0	\$339,704	WTP
<input checked="" type="checkbox"/>	Camden City	34	0408001-017-0-0	\$2,714,700	WTP
<input checked="" type="checkbox"/>	Camden City	51	0408001-019-0-0	\$3,099,802	WM
<input checked="" type="checkbox"/>	Camden City	56	0408001-020-0-0	\$10,191,130	CL

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Camden County BOE Other	429	0415308-001-0-0	\$449,500	Well
<input type="checkbox"/>	Carteret Borough	247	1225001-020-0-0	\$858,000	WM
<input type="checkbox"/>	Clinton Town	186	1005001-001-0-0	\$1,377,500	WM
<input type="checkbox"/>	Clinton Town	285	1005001-002-0-0	\$2,934,845	ST
<input type="checkbox"/>	Continental Communities/Colonial Estates O	60	0811003-002-0-0	\$4,090,000	INT
<input type="checkbox"/>	Deptford Township Munic. Util. Auth.	199	0802001-001-0-0	\$2,326,612	WM
<input type="checkbox"/>	Dover Town	138	1409001-002-0-0	\$856,250	ST
<input type="checkbox"/>	East Brunswick Township	264	1204001-001-0-0	\$5,020,000	WM
<input type="checkbox"/>	East Greenwich Township	458	0803001-003-0-0	\$3,470,000	Well,WM(4)
<input type="checkbox"/>	East Orange Water Comm.	150	0705001-008-0-0	\$7,324,000	WM
<input type="checkbox"/>	Egg Harbor City	75	0107001-001-0-0	\$2,370,000	ST(4)
<input type="checkbox"/>	Egg Harbor City	43	0107001-002-0-0	\$13,000,000	WTP(4)
<input type="checkbox"/>	Essex Fells Borough	358	0706001-001-0-0	\$490,000	ST(4)
<input type="checkbox"/>	Farmingdale Borough	463	1314001-001-0-0	\$535,200	Well,Treat(4)
<input type="checkbox"/>	Fayson Lake Water Co., Inc.	356	1415001-003-0-0	\$755,000	ST(6)
<input type="checkbox"/>	Florham Park Borough	403	1411001-001-0-0	\$6,992,296	WTP(4)
<input type="checkbox"/>	Florham Park Borough	297	1411001-002-0-0	\$237,916	WM(6)
<input type="checkbox"/>	Forest Lakes Water Co., Inc.	361	1904003-001-0-0	\$145,000	Aux(3)
<input type="checkbox"/>	Franklin Township	420	1808001-007-0-0	\$742,000	PS,INT
<input type="checkbox"/>	Garfield City	162	0221001-006-0-0	\$6,657,500	WM
<input type="checkbox"/>	Garfield City	416	0221001-007-0-0	\$72,500	Treat(3)
<input type="checkbox"/>	Glen Gardner Borough	359	1012001-001-0-0	\$563,000	ST(4)
<input type="checkbox"/>	Glen Ridge Borough	398	0708001-004-0-0	\$1,433,550	Meter(4)
<input type="checkbox"/>	Glen Ridge Borough	301	0708001-005-0-0	\$796,000	LSL(4)
<input type="checkbox"/>	Great Gorge Terrace Condo Association	18	1922014-001-0-0	\$725,000	INT
<input type="checkbox"/>	Greenbriar Residential Hlthcare Facility Inc.	194	1421305-001-0-0	\$43,500	Treat,Well,Aux(3)
<input type="checkbox"/>	Haddonfield Borough	286	0417001-001-0-0	\$760,359	WM

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input checked="" type="checkbox"/>	Harrison Town	107	0904001-004-0-0	\$2,770,000	CL
<input checked="" type="checkbox"/>	Harrison Town	108	0904001-005-0-0	\$2,110,000	WM
<input type="checkbox"/>	Hightstown Borough	208	1104001-004-0-0	\$1,935,000	WM(4)
<input type="checkbox"/>	Hopatcong Borough	5	1912001-009-0-0	\$1,087,500	WM
<input type="checkbox"/>	Hopatcong Borough	456	1912001-010-0-0	\$2,506,000	Treat
<input type="checkbox"/>	Island Heights Borough	360	1510001-002-0-0	\$2,446,140	ST
<input type="checkbox"/>	Island Heights Borough	190	1510001-003-0-0	\$3,298,000	WTP
<input type="checkbox"/>	Island Heights Borough	308	1510001-004-0-0	\$363,660	Rehab
<input type="checkbox"/>	Jackson Township Munic. Util. Auth.	422	1511001-006-0-0	\$709,166	Well
<input type="checkbox"/>	Jackson Township Munic. Util. Auth.	390	1511001-008-0-0	\$3,781,780	INT,PS
<input checked="" type="checkbox"/>	Jersey City Munic. Util. Auth.	63	0906001-001-0-0	\$13,371,000	WTP(2)
<input checked="" type="checkbox"/>	Jersey City Munic. Util. Auth.	95	0906001-002-0-0	\$10,346,800	WM
<input type="checkbox"/>	Keansburg Borough	27	1321001-001-0-0	\$2,619,000	WTP
<input type="checkbox"/>	Kearny Town	137	0907001-001-0-0	\$939,500	WM
<input type="checkbox"/>	Kearny Town	136	0907001-002-0-0	\$1,480,500	WM
<input type="checkbox"/>	Lacey Twp Munic. Util. Auth.	452	1512001-001-0-0	\$2,228,680	Well
<input type="checkbox"/>	Lake Glenwood Village Other	224	1922010-004-0-0	\$104,400	WM(3)
<input type="checkbox"/>	Lake Tamarack Water Co., Inc.	23	1911003-002-0-0	\$87,000	Treat(3)
<input type="checkbox"/>	Lakehurst Borough	394	1513001-001-0-0	\$73,150	Well(6)
<input type="checkbox"/>	Little Egg Harbor Munic. Util. Auth.	108	1516001-001-0-0	\$429,000	WM
<input type="checkbox"/>	Little Egg Harbor Munic. Util. Auth.	343	1516001-002-0-0	\$308,512	Well
<input type="checkbox"/>	Long Beach Township	205	1517001-009-0-0	\$2,035,500	WM
<input type="checkbox"/>	Long Beach Township	202	1517001-010-0-0	\$2,110,000	WM
<input type="checkbox"/>	Lower Township Munic. Util. Auth.	417	0505002-001-0-0	\$6,730,000	WM
<input type="checkbox"/>	Lower Township Munic. Util. Auth.	418	0505002-002-0-0	\$2,110,000	Well
<input type="checkbox"/>	Lyndhurst Township	210	0232001-001-0-0	\$11,700,000	WM
<input type="checkbox"/>	Lyndhurst Township	209	0232001-002-0-0	\$2,461,000	WM

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Mahwah Township	69	0233001-006-0-0	\$6,185,268	Treat
<input type="checkbox"/>	Mahwah Township	342	0233001-010-0-0	\$488,580	ST
<input type="checkbox"/>	Mahwah Township	374	0233001-011-0-0	\$1,877,752	PS
<input type="checkbox"/>	Manasquan Borough	129	1327001-001-0-0	\$6,279,000	WM
<input type="checkbox"/>	Manchester Township	63	1518005-001-0-0	\$296,572	ST(3)
<input type="checkbox"/>	Manchester Township	76	1518005-002-0-0	\$345,234	ST
<input type="checkbox"/>	Manchester Township	164	1518005-003-0-0	\$3,223,783	Meter
<input type="checkbox"/>	Manchester Util. Auth.	60	1603001-002-0-0	\$4,404,660	WM
<input type="checkbox"/>	Manchester Util. Auth.	140	1603001-009-0-0	\$69,000	INT(3)
<input type="checkbox"/>	Manchester Util. Auth.	59	1603001-010-0-0	\$637,560	CL
<input type="checkbox"/>	Maple Shade Township	167	0319001-005-0-0	\$1,714,000	WM
<input type="checkbox"/>	Matawan Borough	163	1329001-001-0-0	\$4,707,760	WTP(4)
<input type="checkbox"/>	Matawan Borough	328	1329001-002-0-0	\$911,915	ST(4)
<input type="checkbox"/>	Matawan Borough	444	1329001-003-0-0	\$297,000	Well(3)
<input type="checkbox"/>	Matawan Borough	380	1329001-004-0-0	\$513,000	Aux(4)
<input type="checkbox"/>	Merchantville-Pennsauken Water Comm.	421	0424001-005-0-0	\$300,000	Well(3)
<input type="checkbox"/>	Merchantville-Pennsauken Water Comm.	446	0424001-006-0-0	\$4,150,000	Bldg
<input type="checkbox"/>	Middlesex Water Co., Inc.	254	1225001-012-0-0	\$4,000,000	CL
<input type="checkbox"/>	Milford Borough	310	1020001-001-0-0	\$1,062,500	WM(4)
<input type="checkbox"/>	Milford Borough	309	1020001-002-0-0	\$1,865,220	WM(4)
<input type="checkbox"/>	Mon. County IA/SE Mon. Util. Auth.	94	1352005-002-0-0	\$4,926,000	WTP
<input type="checkbox"/>	Mon. County IA/SE Mon. Util. Auth.	93	1352005-003-0-0	\$3,217,650	WTP
<input type="checkbox"/>	Montclair Township	172	0713001-009-0-0	\$734,656	Well
<input type="checkbox"/>	Montclair Township	271	0713001-010-0-0	\$1,152,000	LSL
<input type="checkbox"/>	Montville Township	276	1421003-002-0-0	\$160,000	WM(3)
<input type="checkbox"/>	Mount Laurel Munic. Util. Auth.	268	0324001-006-0-0	\$573,260	WM
<input type="checkbox"/>	Mount Olive Township	430	1427015-001-0-0	\$969,000	INT(4)

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	National Park Borough	135	0812001-001-0-0	\$3,041,170	WTP(4)
<input type="checkbox"/>	National Park Borough	427	0812001-002-0-0	\$178,890	Well(6)
<input type="checkbox"/>	National Park Borough	217	0812001-003-0-0	\$357,780	WM(4)
<input checked="" type="checkbox"/>	Newark City	36	0714001-001-0-0	\$13,330,000	Treat
<input checked="" type="checkbox"/>	Newark City	47	0714001-006-0-0	\$7,310,800	WM
<input checked="" type="checkbox"/>	Newark City	74	0714001-007-0-0	\$8,050,000	Alt
<input checked="" type="checkbox"/>	Newark City	50	0714001-008-0-0	\$31,978,000	CL,WM
<input checked="" type="checkbox"/>	Newark City	51	0714001-009-0-0	\$38,530,000	LSL
<input checked="" type="checkbox"/>	Newark City	97	0714001-010-0-0	\$24,670,000	Meter
<input checked="" type="checkbox"/>	Newark City	73	0714001-011-0-0	\$2,770,000	SEC
<input checked="" type="checkbox"/>	Newark City	37	0714001-013-0-0	\$4,090,000	WTP
<input checked="" type="checkbox"/>	Newark City	177	0714001-014-0-0	\$3,430,000	WTP
<input type="checkbox"/>	NJ American Water Co., Inc.	81	0119002-005-0-0	\$3,430,000	Treat
<input type="checkbox"/>	NJ American Water Co., Inc.	387	0119002-006-0-0	\$1,166,108	RWBR
<input type="checkbox"/>	NJ American Water Co., Inc.	155	0119002-007-0-0	\$625,368	WM
<input type="checkbox"/>	NJ American Water Co., Inc.	154	0119002-008-0-0	\$146,158	WM(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	323	0119002-009-0-0	\$186,529	Meter(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	369	0119002-010-0-0	\$467,895	Meter
<input type="checkbox"/>	NJ American Water Co., Inc.	412	032300-003-0-0	\$10,283	Meter(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	438	032300-004-0-0	\$2,499,985	Meter
<input type="checkbox"/>	NJ American Water Co., Inc.	389	0323001-002-0-0	\$8,073,100	Alt
<input type="checkbox"/>	NJ American Water Co., Inc.	371	0327001-008-0-0	\$725,000	Treat
<input type="checkbox"/>	NJ American Water Co., Inc.	246	0327001-009-0-0	\$122,364	WM(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	245	0327001-010-0-0	\$87,403	WM(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	383	0327001-011-0-0	\$9,119,200	Alt
<input type="checkbox"/>	NJ American Water Co., Inc.	406	0327001-012-0-0	\$169,105	Meter(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	434	0327001-013-0-0	\$9,119,200	Meter

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	NJ American Water Co., Inc.	388	0508001-003-0-0	\$2,770,000	Well
<input type="checkbox"/>	NJ American Water Co., Inc.	156	0508001-005-0-0	\$520,047	WM
<input type="checkbox"/>	NJ American Water Co., Inc.	325	0508001-006-0-0	\$152,251	Meter(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	370	0508001-007-0-0	\$1,450,743	Meter
<input type="checkbox"/>	NJ American Water Co., Inc.	179	0712001-005-0-0	\$78,850,000	WTP
<input type="checkbox"/>	NJ American Water Co., Inc.	334	0712001-006-0-0	\$580,000	ST
<input type="checkbox"/>	NJ American Water Co., Inc.	259	0712001-007-0-0	\$4,719,759	WM
<input type="checkbox"/>	NJ American Water Co., Inc.	258	0712001-008-0-0	\$870,000	Rehab
<input type="checkbox"/>	NJ American Water Co., Inc.	257	0712001-009-0-0	\$209,868	WM(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	255	0712001-010-0-0	\$1,836,978	WM
<input type="checkbox"/>	NJ American Water Co., Inc.	256	0712001-011-0-0	\$241,370	WM(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	384	0712001-012-0-0	\$1,452,000	Alt
<input type="checkbox"/>	NJ American Water Co., Inc.	407	0712001-014-0-0	\$249,136	Meter(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	435	0712001-015-0-0	\$4,696,074	Meter
<input type="checkbox"/>	NJ American Water Co., Inc.	464	0809001-001-0-0	\$583,054	Well(4)
<input type="checkbox"/>	NJ American Water Co., Inc.	436	1103002-001-0-0	\$5,956,712	Meter
<input type="checkbox"/>	NJ American Water Co., Inc.	178	1345001-005-0-0	\$583,054	Treat
<input type="checkbox"/>	NJ American Water Co., Inc.	242	1345001-006-0-0	\$6,996,650	WM
<input type="checkbox"/>	NJ American Water Co., Inc.	396	1345001-007-0-0	\$6,730,000	Treat
<input type="checkbox"/>	NJ American Water Co., Inc.	333	1345001-008-0-0	\$580,000	PS
<input type="checkbox"/>	NJ American Water Co., Inc.	243	1345001-009-0-0	\$1,922,865	WM
<input type="checkbox"/>	NJ American Water Co., Inc.	332	1345001-010-0-0	\$870,000	ST
<input type="checkbox"/>	NJ American Water Co., Inc.	445	1345001-011-0-0	\$4,664,433	Well
<input type="checkbox"/>	NJ American Water Co., Inc.	244	1345001-012-0-0	\$1,589,423	WM
<input type="checkbox"/>	NJ American Water Co., Inc.	382	1345001-013-0-0	\$1,468,480	Alt
<input type="checkbox"/>	NJ American Water Co., Inc.	405	1345001-014-0-0	\$139,397	Meter(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	433	1345001-015-0-0	\$1,100,054	Meter

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	NJ American Water Co., Inc.	305	1507007-002-0-0	\$137,484	WM(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	413	1605001-003-0-0	\$133,452	Meter(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	440	1605001-004-0-0	\$1,371,019	Meter
<input type="checkbox"/>	NJ American Water Co., Inc.	64	1707001-001-0-0	\$546,268	WM
<input type="checkbox"/>	NJ American Water Co., Inc.	321	2004002-003-0-0	\$6,646,817	Pump
<input type="checkbox"/>	NJ American Water Co., Inc.	236	2004002-004-0-0	\$1,694,305	WM
<input type="checkbox"/>	NJ American Water Co., Inc.	235	2004002-005-0-0	\$471,976	WM
<input type="checkbox"/>	NJ American Water Co., Inc.	234	2004002-006-0-0	\$253,750	Rehab(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	153	2004002-007-0-0	\$572,750	Treat
<input type="checkbox"/>	NJ American Water Co., Inc.	322	2004002-008-0-0	\$507,500	ST
<input type="checkbox"/>	NJ American Water Co., Inc.	399	2004002-009-0-0	\$234,100	Meter(3)
<input type="checkbox"/>	NJ American Water Co., Inc.	419	2004002-010-0-0	\$2,568,432	Meter
<input type="checkbox"/>	NJ American Water Co., Inc.	218	2103001-003-0-0	\$279,690	WM(3)
<input checked="" type="checkbox"/>	NJ City Univ(Jersey City) Munic. Util. Auth.	96	0906001-005-0-0	\$860,619	BR,WM
<input type="checkbox"/>	NJ Water Supply Authority	449	1352005-004-0-0	\$4,685,280	WTP
<input type="checkbox"/>	North Brunswick Township	272	1215001-004-0-0	\$2,057,000	WM
<input type="checkbox"/>	North Brunswick Township	274	1215001-005-0-0	\$1,209,000	WM
<input type="checkbox"/>	North Caldwell Borough	355	0715001-001-0-0	\$681,500	ST,SEC(4)
<input checked="" type="checkbox"/>	North Jersey District Water Sup. Comm.	71	1613001-018-0-0	\$4,030,000	SEC
<input type="checkbox"/>	Nutley Township	373	0716001-001-0-0	\$3,300,000	Meter
<input type="checkbox"/>	Ocean Gate Borough	1	1521001-001-0-0	\$429,880	Alt(4)
<input type="checkbox"/>	Ocean Gate Borough	209	1521001-002-0-0	\$412,364	ST(4)
<input type="checkbox"/>	Ocean Township	132	1520001-001-0-0	\$1,160,000	WTP
<input type="checkbox"/>	Ocean Township	424	1520001-002-0-0	\$198,000	Well(3)
<input type="checkbox"/>	Old Bridge Munic. Util. Auth.	336	1209002-007-0-0	\$5,146,000	ST
<input type="checkbox"/>	Parsippany-Troy Hills Township	337	1429001-004-0-0	\$921,500	WM
<input type="checkbox"/>	Passaic Valley Water Comm.	93	1605002-011-0-0	\$2,506,000	CL

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Passaic Valley Water Comm.	92	1605002-012-0-0	\$1,714,000	WM
<input type="checkbox"/>	Passaic Valley Water Comm.	94	1605002-013-0-0	\$1,714,000	WM
<input type="checkbox"/>	Pemberton Borough	166	0328001-001-0-0	\$1,116,185	WM(4)
<input type="checkbox"/>	Perth Amboy City	203	1216001-005-0-0	\$8,050,000	ResRh
<input type="checkbox"/>	Phillipsburg Redevelop. Auth.	168	2119001-006-0-0	\$6,302,848	WM,BR
<input type="checkbox"/>	Plausha Park Water Co., Inc.	193	1421004-001-0-0	\$113,750	Well,Treat(3)
<input type="checkbox"/>	Plausha Park Water Co., Inc.	315	1421004-002-0-0	\$134,500	WM,ASR(3)
<input type="checkbox"/>	Plausha Park Water Co., Inc.	367	1421004-003-0-0	\$201,750	ST,SEC(3)
<input type="checkbox"/>	Point Pleasant Borough	345	1524001-001-0-0	\$1,406,000	ST
<input type="checkbox"/>	Pompton Lakes Borough Munic. Util. Auth.	287	1609001-001-0-0	\$209,000	WM(3)
<input type="checkbox"/>	Pompton Lakes Borough Munic. Util. Auth.	350	1609001-002-0-0	\$245,500	ST(3)
<input type="checkbox"/>	Pompton Lakes Borough Munic. Util. Auth.	187	1609001-003-0-0	\$93,100	Treat(3)
<input type="checkbox"/>	Ramsey Borough	144	0248001-005-0-0	\$545,000	ResRh
<input type="checkbox"/>	Ramsey Borough	277	0248001-014-0-0	\$100,000	WM(3)
<input type="checkbox"/>	Ramsey Borough	183	0248001-015-0-0	\$640,000	Treat
<input type="checkbox"/>	Richard C. Stockton College	300	0111304-001-0-0	\$986,000	Alt
<input type="checkbox"/>	Ringwood Borough	188	1611002-001-0-0	\$390,580	WTP(4)
<input type="checkbox"/>	Roosevelt Borough	348	1341001-002-0-0	\$500,000	ST(6)
<input type="checkbox"/>	Roosevelt Borough	182	1341001-003-0-0	\$175,000	WTP,SEC(6)
<input type="checkbox"/>	Salem City	38	1712001-001-0-0	\$11,602,416	WTP(4)
<input type="checkbox"/>	Sayreville Borough	340	1219001-002-0-0	\$435,000	PS
<input type="checkbox"/>	Sayreville Borough	339	1219001-003-0-0	\$3,380,000	ST,Eq
<input type="checkbox"/>	Sayreville Borough	266	1219001-004-0-0	\$6,730,000	WM
<input type="checkbox"/>	Sayreville Borough	466	1219001-005-0-0	\$1,430,000	WM
<input type="checkbox"/>	Sayreville Borough	267	1219001-006-0-0	\$929,500	WM
<input type="checkbox"/>	Sayreville Borough	180	1219001-007-0-0	\$15,610,000	WTP
<input type="checkbox"/>	Sayreville Borough	265	1219001-008-0-0	\$2,730,000	WM

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Sea Village Marina L.L.C.	17	0108021-002-0-0	\$580,000	INT
<input type="checkbox"/>	Somerset County Improv. Auth.	465	0712001-013-0-0	\$1,452,000	WM
<input type="checkbox"/>	Sparta Township Water Utility	395	1918003-001-0-0	\$589,356	INT(4)
<input type="checkbox"/>	Sparta Township Water Utility	347	1918004-001-0-0	\$1,384,344	Alt(4)
<input type="checkbox"/>	Stafford Township	379	1530004-006-0-0	\$10,307,959	WM
<input type="checkbox"/>	Stafford Township	335	1530004-014-0-0	\$706,202	WM
<input type="checkbox"/>	Stafford Township	375	1530004-015-0-0	\$132,200	Well(3)
<input type="checkbox"/>	Stafford Township	408	1530004-016-0-0	\$4,090,000	WM
<input type="checkbox"/>	Stillwater (District #1) Township	362	1920001-002-0-0	\$58,000	ST(6)
<input type="checkbox"/>	Stone Harbor Borough	158	0510001-003-0-0	\$995,206	WM
<input type="checkbox"/>	Sussex Borough	86	1921001-001-0-0	\$120,363	WTP(6)
<input type="checkbox"/>	Sussex Borough	174	1921001-002-0-0	\$1,444,354	WM(6)
<input type="checkbox"/>	Sussex Borough	212	1921001-003-0-0	\$541,633	ST(6)
<input checked="" type="checkbox"/>	Trenton City	220	1111001-006-0-0	\$8,550,000	Aux
<input checked="" type="checkbox"/>	Trenton Other	3	1111001-009-0-0	\$13,884,400	ResCv
<input type="checkbox"/>	United Water Co., Inc.	470	0220001-001-0-0	\$942,500	WM(4)
<input type="checkbox"/>	Verona Township	376	0720001-003-0-0	\$2,770,000	ST
<input type="checkbox"/>	Verona Township	349	0720001-004-0-0	\$725,000	ST,rehab
<input type="checkbox"/>	Verona Township	348	0720001-005-0-0	\$1,001,715	ST
<input type="checkbox"/>	Vineland City	10	0614003-005-0-0	\$352,900	Treat
<input type="checkbox"/>	Vineland City	9	0614003-006-0-0	\$1,355,994	Treat
<input type="checkbox"/>	Waldwick Borough	352	0264001-002-0-0	\$1,133,010	ST(6)
<input type="checkbox"/>	Wanaque Borough	291	1613002-002-0-0	\$1,986,000	WM(4)
<input type="checkbox"/>	West Caldwell Borough	346	0721001-001-0-0	\$700,000	ST
<input type="checkbox"/>	Willingboro Munic. Util. Auth.	3	0338001-001-0-0	\$2,477,480	Alt
<input type="checkbox"/>	Willingboro Munic. Util. Auth.	185	0338001-002-0-0	\$10,085,440	WM
<input type="checkbox"/>	Willor Manor Comm. Water System Inc.	19	1904008-001-0-0	\$160,577	Treat,Well(6)

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Willor Manor Comm. Water System Inc.	225	1904008-002-0-0	\$301,745	WM(6)
<input type="checkbox"/>	Woodbury City	206	0822001-005-0-0	\$2,985,573	ST
<input type="checkbox"/>	Woodland Park Borough	471	1616001-001-0-0	\$2,413,600	WM(4)

Total Projects: 270

Total Cost \$805,936,969

(1) *Emergency*

(2) *Supplemental*

(3) *Direct Loan*

(4) *Small System*

(5) *Preaward Approval*

(6) *Direct Loan/Small System*

Alt = Alternative Energy

Aux = Install. Of Emerg. Gen.

Bldg = Building New/Rehab

BR = Brownfield

CL = Cleaning and Lining

CS = Collection System

CSO = Combined Swr Overflow

DMi = Drought Mgt. Initiative

EQ = Equipment

FM = Force Main

I/I = Infiltration Inflow

Incin = Incinerator

INT = Interconnection

Land = Land preservation

Ldfill = Landfill Closure

LSL = Lead Service Lines

Meter = Water Meters

NP = Nonpoint

OR = Outfall Repair

PS = Pump Station

Pump = Pumps

Rehab = Rehabilitation

ResCv = Reservoir Cover

ResRh = Reservoir Rehabilitation

RWBR = Beneficial Reuse

SEC = Security Features

SLDGE = Sludge Facility

SR = Aquif Storage / Recov. Well

ST = Storage Tank

STP = Sewage Treatment Plant

Strm = Storm water

Swr = Sanitary Sewer

Treat = Treatment

Well = Well Construct / Rehab.

WM = Water Mains

WTP = Water Treatment Plant

Appendix C2
2010 Financing Program (SFY 2011)
Drinking Water Projects in Priority Order

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	1	Ocean Gate Borough	1521001-001-0-0	\$429,880	Alt(4)
<input type="checkbox"/>	3	Willingboro Munic. Util. Auth.	0338001-001-0-0	\$2,477,480	Alt
<input checked="" type="checkbox"/>	3	Trenton Other	1111001-009-0-0	\$13,884,400	ResCv
<input type="checkbox"/>	5	Hopatcong Borough	1912001-009-0-0	\$1,087,500	WM
<input type="checkbox"/>	9	Vineland City	0614003-006-0-0	\$1,355,994	Treat
<input type="checkbox"/>	9	Aqua NJ (Hamilton) Inc.	1103001-003-0-0	\$1,786,600	Treat
<input type="checkbox"/>	10	Vineland City	0614003-005-0-0	\$352,900	Treat
<input type="checkbox"/>	17	Sea Village Marina L.L.C.	0108021-002-0-0	\$580,000	INT
<input type="checkbox"/>	18	Great Gorge Terrace Condo Association	1922014-001-0-0	\$725,000	INT
<input type="checkbox"/>	19	Willor Manor Comm. Water System Inc.	1904008-001-0-0	\$160,577	Treat,Well(6)
<input type="checkbox"/>	21	Bordentown City	0303001-003-0-0	\$264,400	WTP,Treat(3)
<input type="checkbox"/>	23	Lake Tamarack Water Co., Inc.	1911003-002-0-0	\$87,000	Treat(3)
<input type="checkbox"/>	24	Aqua New Jersey Inc.	0824001-001-0-0	\$942,166	INT(4)
<input type="checkbox"/>	27	Keansburg Borough	1321001-001-0-0	\$2,619,000	WTP
<input checked="" type="checkbox"/>	34	Camden City	0408001-017-0-0	\$2,714,700	WTP
<input checked="" type="checkbox"/>	36	Newark City	0714001-001-0-0	\$13,330,000	Treat
<input checked="" type="checkbox"/>	37	Newark City	0714001-013-0-0	\$4,090,000	WTP
<input type="checkbox"/>	37	Bridgeton City	0601001-004-0-0	\$2,196,000	ST
<input type="checkbox"/>	38	Salem City	1712001-001-0-0	\$11,602,416	WTP(4)
<input checked="" type="checkbox"/>	39	Camden City	0408001-016-0-0	\$339,704	WTP
<input checked="" type="checkbox"/>	40	Camden City	0408001-015-0-0	\$1,273,892	WTP
<input type="checkbox"/>	43	Egg Harbor City	0107001-002-0-0	\$13,000,000	WTP(4)
<input checked="" type="checkbox"/>	47	Newark City	0714001-006-0-0	\$7,310,800	WM

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input checked="" type="checkbox"/>	50	Newark City	0714001-008-0-0	\$31,978,000	CL,WM
<input checked="" type="checkbox"/>	51	Camden City	0408001-019-0-0	\$3,099,802	WM
<input checked="" type="checkbox"/>	51	Newark City	0714001-009-0-0	\$38,530,000	LSL
<input checked="" type="checkbox"/>	53	Atlantic City Munic. Util. Auth.	0102001-003-0-0	\$1,980,000	Well
<input checked="" type="checkbox"/>	55	Camden City	0408001-013-0-0	\$11,040,391	CL
<input checked="" type="checkbox"/>	56	Camden City	0408001-020-0-0	\$10,191,130	CL
<input type="checkbox"/>	57	Bridgeton City	0601001-005-0-0	\$2,257,600	WM
<input type="checkbox"/>	59	Manchester Util. Auth.	1603001-010-0-0	\$637,560	CL
<input type="checkbox"/>	60	Manchester Util. Auth.	1603001-002-0-0	\$4,404,660	WM
<input type="checkbox"/>	60	Continental Communities/Colonial Estates O	0811003-002-0-0	\$4,090,000	INT
<input checked="" type="checkbox"/>	63	Jersey City Munic. Util. Auth.	0906001-001-0-0	\$13,371,000	WTP(2)
<input type="checkbox"/>	63	Manchester Township	1518005-001-0-0	\$296,572	ST(3)
<input type="checkbox"/>	64	NJ American Water Co., Inc.	1707001-001-0-0	\$546,268	WM
<input type="checkbox"/>	69	Mahwah Township	0233001-006-0-0	\$6,185,268	Treat
<input checked="" type="checkbox"/>	71	North Jersey District Water Sup. Comm.	1613001-018-0-0	\$4,030,000	SEC
<input checked="" type="checkbox"/>	73	Newark City	0714001-011-0-0	\$2,770,000	SEC
<input checked="" type="checkbox"/>	74	Newark City	0714001-007-0-0	\$8,050,000	Alt
<input type="checkbox"/>	75	Egg Harbor City	0107001-001-0-0	\$2,370,000	ST(4)
<input type="checkbox"/>	76	Manchester Township	1518005-002-0-0	\$345,234	ST
<input type="checkbox"/>	80	Brick Township Munic. Util. Auth.	1506001-002-0-0	\$6,730,000	Treat
<input type="checkbox"/>	81	NJ American Water Co., Inc.	0119002-005-0-0	\$3,430,000	Treat
<input checked="" type="checkbox"/>	82	Bayonne Munic. Util. Auth.	0901001-005-0-0	\$1,049,668	WM
<input type="checkbox"/>	86	Sussex Borough	1921001-001-0-0	\$120,363	WTP(6)
<input checked="" type="checkbox"/>	91	Bayonne Munic. Util. Auth.	0901001-003-0-0	\$2,630,000	WM
<input type="checkbox"/>	92	Passaic Valley Water Comm.	1605002-012-0-0	\$1,714,000	WM
<input type="checkbox"/>	93	Mon. County IA/SE Mon. Util. Auth.	1352005-003-0-0	\$3,217,650	WTP
<input type="checkbox"/>	93	Passaic Valley Water Comm.	1605002-011-0-0	\$2,506,000	CL

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	94	Passaic Valley Water Comm.	1605002-013-0-0	\$1,714,000	WM
<input type="checkbox"/>	94	Mon. County IA/SE Mon. Util. Auth.	1352005-002-0-0	\$4,926,000	WTP
<input checked="" type="checkbox"/>	95	Jersey City Munic. Util. Auth.	0906001-002-0-0	\$10,346,800	WM
<input checked="" type="checkbox"/>	96	NJ City Univ(Jersey City) Munic. Util. Auth.	0906001-005-0-0	\$860,619	BR,WM
<input checked="" type="checkbox"/>	97	Newark City	0714001-010-0-0	\$24,670,000	Meter
<input checked="" type="checkbox"/>	99	Bayonne Munic. Util. Auth.	0901001-004-0-0	\$1,287,000	WTP
<input checked="" type="checkbox"/>	107	Harrison Town	0904001-004-0-0	\$2,770,000	CL
<input checked="" type="checkbox"/>	108	Harrison Town	0904001-005-0-0	\$2,110,000	WM
<input type="checkbox"/>	108	Little Egg Harbor Munic. Util. Auth.	1516001-001-0-0	\$429,000	WM
<input type="checkbox"/>	129	Manasquan Borough	1327001-001-0-0	\$6,279,000	WM
<input type="checkbox"/>	132	Ocean Township	1520001-001-0-0	\$1,160,000	WTP
<input type="checkbox"/>	135	National Park Borough	0812001-001-0-0	\$3,041,170	WTP(4)
<input type="checkbox"/>	136	Kearny Town	0907001-002-0-0	\$1,480,500	WM
<input type="checkbox"/>	137	Kearny Town	0907001-001-0-0	\$939,500	WM
<input type="checkbox"/>	138	Dover Town	1409001-002-0-0	\$856,250	ST
<input type="checkbox"/>	139	Brick Township Munic. Util. Auth.	1506001-003-0-0	\$5,702,480	WM
<input type="checkbox"/>	140	Manchester Util. Auth.	1603001-009-0-0	\$69,000	INT(3)
<input type="checkbox"/>	141	Belmar Borough	1306001-001-0-0	\$315,250	WM(4)
<input type="checkbox"/>	144	Ramsey Borough	0248001-005-0-0	\$545,000	ResRh
<input type="checkbox"/>	150	East Orange Water Comm.	0705001-008-0-0	\$7,324,000	WM
<input type="checkbox"/>	153	NJ American Water Co., Inc.	2004002-007-0-0	\$572,750	Treat
<input type="checkbox"/>	154	NJ American Water Co., Inc.	0119002-008-0-0	\$146,158	WM(3)
<input type="checkbox"/>	155	NJ American Water Co., Inc.	0119002-007-0-0	\$625,368	WM
<input type="checkbox"/>	156	NJ American Water Co., Inc.	0508001-005-0-0	\$520,047	WM
<input type="checkbox"/>	158	Stone Harbor Borough	0510001-003-0-0	\$995,206	WM
<input type="checkbox"/>	162	Garfield City	0221001-006-0-0	\$6,657,500	WM
<input type="checkbox"/>	163	Matawan Borough	1329001-001-0-0	\$4,707,760	WTP(4)

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	164	Manchester Township	1518005-003-0-0	\$3,223,783	Meter
<input type="checkbox"/>	166	Pemberton Borough	0328001-001-0-0	\$1,116,185	WM(4)
<input type="checkbox"/>	167	Maple Shade Township	0319001-005-0-0	\$1,714,000	WM
<input type="checkbox"/>	168	Phillipsburg Redevelop. Auth.	2119001-006-0-0	\$6,302,848	WM,BR
<input type="checkbox"/>	172	Montclair Township	0713001-009-0-0	\$734,656	Well
<input type="checkbox"/>	174	Sussex Borough	1921001-002-0-0	\$1,444,354	WM(6)
<input checked="" type="checkbox"/>	177	Newark City	0714001-014-0-0	\$3,430,000	WTP
<input type="checkbox"/>	178	NJ American Water Co., Inc.	1345001-005-0-0	\$583,054	Treat
<input type="checkbox"/>	179	NJ American Water Co., Inc.	0712001-005-0-0	\$78,850,000	WTP
<input type="checkbox"/>	180	Sayreville Borough	1219001-007-0-0	\$15,610,000	WTP
<input type="checkbox"/>	182	Roosevelt Borough	1341001-003-0-0	\$175,000	WTP,SEC(6)
<input type="checkbox"/>	183	Ramsey Borough	0248001-015-0-0	\$640,000	Treat
<input type="checkbox"/>	184	Bordentown City	0303001-004-0-0	\$526,600	WTP
<input type="checkbox"/>	185	Berlin Borough	0405001-005-0-0	\$117,065	WTP(3)
<input type="checkbox"/>	185	Willingboro Munic. Util. Auth.	0338001-002-0-0	\$10,085,440	WM
<input type="checkbox"/>	186	Clinton Town	1005001-001-0-0	\$1,377,500	WM
<input type="checkbox"/>	187	Pompton Lakes Borough Munic. Util. Auth.	1609001-003-0-0	\$93,100	Treat(3)
<input type="checkbox"/>	188	Ringwood Borough	1611002-001-0-0	\$390,580	WTP(4)
<input type="checkbox"/>	190	Island Heights Borough	1510001-003-0-0	\$3,298,000	WTP
<input type="checkbox"/>	193	Plausha Park Water Co., Inc.	1421004-001-0-0	\$113,750	Well,Treat(3)
<input type="checkbox"/>	194	Greenbriar Residential Hlthcare Facility Inc.	1421305-001-0-0	\$43,500	Treat,Well,Aux(
<input type="checkbox"/>	199	Deptford Township Munic. Util. Auth.	0802001-001-0-0	\$2,326,612	WM
<input type="checkbox"/>	201	Brigantine City	0103001-009-0-0	\$1,242,000	ST
<input type="checkbox"/>	202	Long Beach Township	1517001-010-0-0	\$2,110,000	WM
<input type="checkbox"/>	203	Perth Amboy City	1216001-005-0-0	\$8,050,000	ResRh
<input type="checkbox"/>	205	Long Beach Township	1517001-009-0-0	\$2,035,500	WM
<input type="checkbox"/>	206	Woodbury City	0822001-005-0-0	\$2,985,573	ST

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	208	Hightstown Borough	1104001-004-0-0	\$1,935,000	WM(4)
<input type="checkbox"/>	209	Ocean Gate Borough	1521001-002-0-0	\$412,364	ST(4)
<input type="checkbox"/>	209	Lyndhurst Township	0232001-002-0-0	\$2,461,000	WM
<input type="checkbox"/>	210	Lyndhurst Township	0232001-001-0-0	\$11,700,000	WM
<input type="checkbox"/>	212	Beach Haven Borough	1503001-002-0-0	\$3,166,000	WM
<input type="checkbox"/>	212	Sussex Borough	1921001-003-0-0	\$541,633	ST(6)
<input type="checkbox"/>	217	National Park Borough	0812001-003-0-0	\$357,780	WM(4)
<input type="checkbox"/>	218	NJ American Water Co., Inc.	2103001-003-0-0	\$279,690	WM(3)
<input checked="" type="checkbox"/>	220	Trenton City	1111001-006-0-0	\$8,550,000	Aux
<input type="checkbox"/>	220	Alpha Borough	2102001-001-0-0	\$1,765,150	PS
<input type="checkbox"/>	222	Byram Homeowners Assoc. Water Co., Inc.	1904009-002-0-0	\$145,000	WM(3)
<input type="checkbox"/>	224	Lake Glenwood Village Other	1922010-004-0-0	\$104,400	WM(3)
<input type="checkbox"/>	225	Willor Manor Comm. Water System Inc.	1904008-002-0-0	\$301,745	WM(6)
<input type="checkbox"/>	231	Brick Township Munic. Util. Auth.	1506001-004-0-0	\$610,980	Rehab,Alt,Aux
<input type="checkbox"/>	232	Berkeley Township Munic. Util. Auth.	1505004-002-0-0	\$6,652,184	WM
<input type="checkbox"/>	233	Berkeley Township Munic. Util. Auth.	1505004-005-0-0	\$10,819,165	WM
<input type="checkbox"/>	234	NJ American Water Co., Inc.	2004002-006-0-0	\$253,750	Rehab(3)
<input type="checkbox"/>	235	NJ American Water Co., Inc.	2004002-005-0-0	\$471,976	WM
<input type="checkbox"/>	236	NJ American Water Co., Inc.	2004002-004-0-0	\$1,694,305	WM
<input type="checkbox"/>	242	NJ American Water Co., Inc.	1345001-006-0-0	\$6,996,650	WM
<input type="checkbox"/>	243	NJ American Water Co., Inc.	1345001-009-0-0	\$1,922,865	WM
<input type="checkbox"/>	244	NJ American Water Co., Inc.	1345001-012-0-0	\$1,589,423	WM
<input type="checkbox"/>	245	NJ American Water Co., Inc.	0327001-010-0-0	\$87,403	WM(3)
<input type="checkbox"/>	246	NJ American Water Co., Inc.	0327001-009-0-0	\$122,364	WM(3)
<input type="checkbox"/>	247	Carteret Borough	1225001-020-0-0	\$858,000	WM
<input type="checkbox"/>	254	Middlesex Water Co., Inc.	1225001-012-0-0	\$4,000,000	CL
<input type="checkbox"/>	255	NJ American Water Co., Inc.	0712001-010-0-0	\$1,836,978	WM

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	256	NJ American Water Co., Inc.	0712001-011-0-0	\$241,370	WM(3)
<input type="checkbox"/>	257	NJ American Water Co., Inc.	0712001-009-0-0	\$209,868	WM(3)
<input type="checkbox"/>	258	NJ American Water Co., Inc.	0712001-008-0-0	\$870,000	Rehab
<input type="checkbox"/>	259	NJ American Water Co., Inc.	0712001-007-0-0	\$4,719,759	WM
<input type="checkbox"/>	264	East Brunswick Township	1204001-001-0-0	\$5,020,000	WM
<input type="checkbox"/>	265	Sayreville Borough	1219001-008-0-0	\$2,730,000	WM
<input type="checkbox"/>	266	Sayreville Borough	1219001-004-0-0	\$6,730,000	WM
<input type="checkbox"/>	267	Sayreville Borough	1219001-006-0-0	\$929,500	WM
<input type="checkbox"/>	268	Beach Haven Borough	1503001-003-0-0	\$797,000	Rehb
<input type="checkbox"/>	268	Mount Laurel Munic. Util. Auth.	0324001-006-0-0	\$573,260	WM
<input type="checkbox"/>	271	Montclair Township	0713001-010-0-0	\$1,152,000	LSL
<input type="checkbox"/>	272	North Brunswick Township	1215001-004-0-0	\$2,057,000	WM
<input type="checkbox"/>	274	North Brunswick Township	1215001-005-0-0	\$1,209,000	WM
<input type="checkbox"/>	275	Burlington Township	0306001-004-0-0	\$310,300	WM
<input type="checkbox"/>	276	Montville Township	1421003-002-0-0	\$160,000	WM(3)
<input type="checkbox"/>	277	Ramsey Borough	0248001-014-0-0	\$100,000	WM(3)
<input type="checkbox"/>	278	Avalon Borough	0501001-001-0-0	\$1,714,000	ST
<input type="checkbox"/>	280	Bordentown City	0303001-002-0-0	\$488,900	WM
<input type="checkbox"/>	281	Bordentown City	0303001-001-0-0	\$323,000	CL
<input type="checkbox"/>	285	Clinton Town	1005001-002-0-0	\$2,934,845	ST
<input type="checkbox"/>	286	Haddonfield Borough	0417001-001-0-0	\$760,359	WM
<input type="checkbox"/>	287	Pompton Lakes Borough Munic. Util. Auth.	1609001-001-0-0	\$209,000	WM(3)
<input type="checkbox"/>	289	Beachwood Borough	1504001-006-0-0	\$600,000	WM
<input type="checkbox"/>	291	Wanaque Borough	1613002-002-0-0	\$1,986,000	WM(4)
<input type="checkbox"/>	293	Aberdeen Township	1330002-004-0-0	\$511,000	WM(4)
<input type="checkbox"/>	294	Aberdeen Township	1330002-003-0-0	\$942,500	WM(4)
<input type="checkbox"/>	295	Aberdeen Township	1330002-002-0-0	\$1,452,700	WM(4)

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	296	Aberdeen Township	1330002-001-0-0	\$1,131,000	WM(4)
<input type="checkbox"/>	297	Florham Park Borough	1411001-002-0-0	\$237,916	WM(6)
<input type="checkbox"/>	300	Richard C. Stockton College	0111304-001-0-0	\$986,000	Alt
<input type="checkbox"/>	301	Glen Ridge Borough	0708001-005-0-0	\$796,000	LSL(4)
<input type="checkbox"/>	303	Allamuchy Township	2101001-003-0-0	\$3,166,000	WM
<input type="checkbox"/>	305	NJ American Water Co., Inc.	1507007-002-0-0	\$137,484	WM(3)
<input type="checkbox"/>	308	Island Heights Borough	1510001-004-0-0	\$363,660	Rehab
<input type="checkbox"/>	309	Milford Borough	1020001-002-0-0	\$1,865,220	WM(4)
<input type="checkbox"/>	310	Milford Borough	1020001-001-0-0	\$1,062,500	WM(4)
<input type="checkbox"/>	312	Byram Homeowners Assoc. Water Co., Inc.	1904009-005-0-0	\$217,500	ST,Rehb(3)
<input type="checkbox"/>	315	Piausha Park Water Co., Inc.	1421004-002-0-0	\$134,500	WM,ASR(3)
<input type="checkbox"/>	321	NJ American Water Co., Inc.	2004002-003-0-0	\$6,646,817	Pump
<input type="checkbox"/>	322	NJ American Water Co., Inc.	2004002-008-0-0	\$507,500	ST
<input type="checkbox"/>	323	NJ American Water Co., Inc.	0119002-009-0-0	\$186,529	Meter(3)
<input type="checkbox"/>	325	NJ American Water Co., Inc.	0508001-006-0-0	\$152,251	Meter(3)
<input type="checkbox"/>	328	Matawan Borough	1329001-002-0-0	\$911,915	ST(4)
<input type="checkbox"/>	332	NJ American Water Co., Inc.	1345001-010-0-0	\$870,000	ST
<input type="checkbox"/>	333	NJ American Water Co., Inc.	1345001-008-0-0	\$580,000	PS
<input type="checkbox"/>	334	NJ American Water Co., Inc.	0712001-006-0-0	\$580,000	ST
<input type="checkbox"/>	335	Stafford Township	1530004-014-0-0	\$706,202	WM
<input type="checkbox"/>	336	Old Bridge Munic. Util. Auth.	1209002-007-0-0	\$5,146,000	ST
<input type="checkbox"/>	337	Parsippany-Troy Hills Township	1429001-004-0-0	\$921,500	WM
<input type="checkbox"/>	339	Sayreville Borough	1219001-003-0-0	\$3,380,000	ST,Eq
<input type="checkbox"/>	340	Sayreville Borough	1219001-002-0-0	\$435,000	PS
<input type="checkbox"/>	342	Mahwah Township	0233001-010-0-0	\$488,580	ST
<input type="checkbox"/>	343	Little Egg Harbor Munic. Util. Auth.	1516001-002-0-0	\$308,512	Well
<input type="checkbox"/>	345	Point Pleasant Borough	1524001-001-0-0	\$1,406,000	ST

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	346	West Caldwell Borough	0721001-001-0-0	\$700,000	ST
<input type="checkbox"/>	347	Sparta Township Water Utility	1918004-001-0-0	\$1,384,344	Alt(4)
<input type="checkbox"/>	348	Verona Township	0720001-005-0-0	\$1,001,715	ST
<input type="checkbox"/>	348	Roosevelt Borough	1341001-002-0-0	\$500,000	ST(6)
<input type="checkbox"/>	349	Verona Township	0720001-004-0-0	\$725,000	ST,rehab
<input type="checkbox"/>	350	Pompton Lakes Borough Munic. Util. Auth.	1609001-002-0-0	\$245,500	ST(3)
<input type="checkbox"/>	352	Waldwick Borough	0264001-002-0-0	\$1,133,010	ST(6)
<input type="checkbox"/>	354	Boonton Town	1401001-001-0-0	\$1,285,388	ST(4)
<input type="checkbox"/>	355	North Caldwell Borough	0715001-001-0-0	\$681,500	ST,SEC(4)
<input type="checkbox"/>	356	Fayson Lake Water Co., Inc.	1415001-003-0-0	\$755,000	ST(6)
<input type="checkbox"/>	358	Essex Fells Borough	0706001-001-0-0	\$490,000	ST(4)
<input type="checkbox"/>	359	Glen Gardner Borough	1012001-001-0-0	\$563,000	ST(4)
<input type="checkbox"/>	360	Island Heights Borough	1510001-002-0-0	\$2,446,140	ST
<input type="checkbox"/>	361	Forest Lakes Water Co., Inc.	1904003-001-0-0	\$145,000	Aux(3)
<input type="checkbox"/>	362	Stillwater (District #1) Township	1920001-002-0-0	\$58,000	ST(6)
<input type="checkbox"/>	364	Byram Homeowners Assoc. Water Co., Inc.	1904009-004-0-0	\$72,500	Aux(3)
<input type="checkbox"/>	367	Plausha Park Water Co., Inc.	1421004-003-0-0	\$201,750	ST,SEC(3)
<input type="checkbox"/>	369	NJ American Water Co., Inc.	0119002-010-0-0	\$467,895	Meter
<input type="checkbox"/>	370	NJ American Water Co., Inc.	0508001-007-0-0	\$1,450,743	Meter
<input type="checkbox"/>	371	NJ American Water Co., Inc.	0327001-008-0-0	\$725,000	Treat
<input type="checkbox"/>	372	Brick Township Munic. Util. Auth.	1506001-005-0-0	\$3,869,540	Well
<input type="checkbox"/>	373	Nutley Township	0716001-001-0-0	\$3,300,000	Meter
<input type="checkbox"/>	374	Mahwah Township	0233001-011-0-0	\$1,877,752	PS
<input type="checkbox"/>	375	Stafford Township	1530004-015-0-0	\$132,200	Well(3)
<input type="checkbox"/>	376	Verona Township	0720001-003-0-0	\$2,770,000	ST
<input type="checkbox"/>	378	Bordentown City	0303001-005-0-0	\$3,276,000	ST
<input type="checkbox"/>	379	Stafford Township	1530004-006-0-0	\$10,307,959	WM

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	380	Matawan Borough	1329001-004-0-0	\$513,000	Aux(4)
<input type="checkbox"/>	382	NJ American Water Co., Inc.	1345001-013-0-0	\$1,468,480	Alt
<input type="checkbox"/>	383	NJ American Water Co., Inc.	0327001-011-0-0	\$9,119,200	Alt
<input type="checkbox"/>	384	NJ American Water Co., Inc.	0712001-012-0-0	\$1,452,000	Alt
<input type="checkbox"/>	387	NJ American Water Co., Inc.	0119002-006-0-0	\$1,166,108	RWBR
<input type="checkbox"/>	388	NJ American Water Co., Inc.	0508001-003-0-0	\$2,770,000	Well
<input type="checkbox"/>	389	NJ American Water Co., Inc.	0323001-002-0-0	\$8,073,100	Alt
<input type="checkbox"/>	389	Beach Haven Borough	1503001-001-0-0	\$976,976	Well
<input type="checkbox"/>	390	Jackson Township Munic. Util. Auth.	1511001-008-0-0	\$3,781,780	INT,PS
<input type="checkbox"/>	394	Lakehurst Borough	1513001-001-0-0	\$73,150	Well(6)
<input type="checkbox"/>	395	Sparta Township Water Utility	1918003-001-0-0	\$589,356	INT(4)
<input type="checkbox"/>	396	NJ American Water Co., Inc.	1345001-007-0-0	\$6,730,000	Treat
<input type="checkbox"/>	398	Glen Ridge Borough	0708001-004-0-0	\$1,433,550	Meter(4)
<input type="checkbox"/>	399	NJ American Water Co., Inc.	2004002-009-0-0	\$234,100	Meter(3)
<input type="checkbox"/>	400	Belleville Township	0701001-005-0-0	\$4,090,000	Meter
<input type="checkbox"/>	403	Florham Park Borough	1411001-001-0-0	\$6,992,296	WTP(4)
<input type="checkbox"/>	404	Byram Homeowners Assoc.	1904009-001-0-0	\$217,500	WM(3)
<input type="checkbox"/>	405	NJ American Water Co., Inc.	1345001-014-0-0	\$139,397	Meter(3)
<input type="checkbox"/>	406	NJ American Water Co., Inc.	0327001-012-0-0	\$169,105	Meter(3)
<input type="checkbox"/>	407	NJ American Water Co., Inc.	0712001-014-0-0	\$249,136	Meter(3)
<input type="checkbox"/>	408	Stafford Township	1530004-016-0-0	\$4,090,000	WM
<input type="checkbox"/>	410	Bellmawr Borough	0404001-003-0-0	\$8,182,000	WM(4)
<input type="checkbox"/>	411	Bellmawr Borough	0404001-004-0-0	\$551,000	ST(4)
<input type="checkbox"/>	412	NJ American Water Co., Inc.	032300-003-0-0	\$10,283	Meter(3)
<input type="checkbox"/>	413	NJ American Water Co., Inc.	1605001-003-0-0	\$133,452	Meter(3)
<input type="checkbox"/>	416	Garfield City	0221001-007-0-0	\$72,500	Treat(3)
<input type="checkbox"/>	417	Lower Township Munic. Util. Auth.	0505002-001-0-0	\$6,730,000	WM

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	418	Lower Township Munic. Util. Auth.	0505002-002-0-0	\$2,110,000	Well
<input type="checkbox"/>	419	NJ American Water Co., Inc.	2004002-010-0-0	\$2,568,432	Meter
<input type="checkbox"/>	420	Franklin Township	1808001-007-0-0	\$742,000	PS,INT
<input type="checkbox"/>	421	Merchantville-Pennsauken Water Comm.	0424001-005-0-0	\$300,000	Well(3)
<input type="checkbox"/>	422	Jackson Township Munic. Util. Auth.	1511001-006-0-0	\$709,166	Well
<input type="checkbox"/>	424	Ocean Township	1520001-002-0-0	\$198,000	Well(3)
<input type="checkbox"/>	427	National Park Borough	0812001-002-0-0	\$178,890	Well(6)
<input type="checkbox"/>	429	Camden County BOE Other	0415308-001-0-0	\$449,500	Well
<input type="checkbox"/>	430	Mount Olive Township	1427015-001-0-0	\$969,000	INT(4)
<input type="checkbox"/>	431	Bryam Homeowners Assoc Water Co., Inc.	1904009-003-0-0	\$145,000	Meter(3)
<input type="checkbox"/>	433	NJ American Water Co., Inc.	1345001-015-0-0	\$1,100,054	Meter
<input type="checkbox"/>	434	NJ American Water Co., Inc.	0327001-013-0-0	\$9,119,200	Meter
<input type="checkbox"/>	435	NJ American Water Co., Inc.	0712001-015-0-0	\$4,696,074	Meter
<input type="checkbox"/>	436	NJ American Water Co., Inc.	1103002-001-0-0	\$5,956,712	Meter
<input type="checkbox"/>	438	NJ American Water Co., Inc.	032300-004-0-0	\$2,499,985	Meter
<input type="checkbox"/>	439	Burlington Township	0306001-003-0-0	\$270,000	Meter(3)
<input type="checkbox"/>	440	NJ American Water Co., Inc.	1605001-004-0-0	\$1,371,019	Meter
<input type="checkbox"/>	444	Matawan Borough	1329001-003-0-0	\$297,000	Well(3)
<input type="checkbox"/>	445	NJ American Water Co., Inc.	1345001-011-0-0	\$4,664,433	Well
<input type="checkbox"/>	446	Merchantville-Pennsauken Water Comm.	0424001-006-0-0	\$4,150,000	Bldg
<input type="checkbox"/>	449	NJ Water Supply Authority	1352005-004-0-0	\$4,685,280	WTP
<input type="checkbox"/>	452	Lacey Twp Munic. Util. Auth.	1512001-001-0-0	\$2,228,680	Well
<input type="checkbox"/>	453	Burlington Township	0306001-002-0-0	\$81,000	Well(3)
<input type="checkbox"/>	456	Hopatcong Borough	1912001-010-0-0	\$2,506,000	Treat
<input type="checkbox"/>	458	East Greenwich Township	0803001-003-0-0	\$3,470,000	Well,WM(4)
<input type="checkbox"/>	463	Farmingdale Borough	1314001-001-0-0	\$535,200	Well,Treat(4)
<input type="checkbox"/>	464	NJ American Water Co., Inc.	0809001-001-0-0	\$583,054	Well(4)

<i>Smart Growth</i>	<i>Rank</i>	<i>Project Sponsor</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	465	Somerset County Improv. Auth.	0712001-013-0-0	\$1,452,000	WM
<input type="checkbox"/>	466	Sayreville Borough	1219001-005-0-0	\$1,430,000	WM
<input type="checkbox"/>	470	United Water Co., Inc.	0220001-001-0-0	\$942,500	WM(4)
<input type="checkbox"/>	471	Woodland Park Borough	1616001-001-0-0	\$2,413,600	WM(4)
<i>Total Projects: 270</i>			<i>Total Cost</i>	\$805,936,969	

(1) *Emergency*

(2) *Supplemental*

(3) *Direct Loan*

(4) *Small System*

(5) *Preaward Approval*

(6) *Direct Loan/Small System*

Alt = Alternative Energy

Aux = Install. Of Emerg. Gen.

Bldg = Building New/Rehab

BR = Brownfield

CL = Cleaning and Lining

CS = Collection System

CSO = Combined Swr Overflow

DMI = Drought Mgt. Initiative

EQ = Equipment

FM = Force Main

I/I = Infiltration Inflow

Incin = Incinerator

INT = Interconnection

Land = Land preservation

Ldfill = Landfill Closure

LSL = Lead Service Lines

Meter = Water Meters

NP = Nonpoint

OR = Outfall Repair

PS = Pump Station

Pump = Pumps

Rehab = Rehabilitation

ResCv = Reservoir Cover

ResRh = Reservoir Rehabilitation

RWBR = Beneficial Reuse

SEC = Security Features

SLDGE = Sludge Facility

SR = Aquif Storage / Recov. Well

ST = Storage Tank

STP = Sewage Treatment Plant

Strm = Storm water

Swr = Sanitary Sewer

Treat = Treatment

Well = Well Construct / Rehab.

WM = Water Mains

WTP = Water Treatment Plant

Appendix D

*2010 Clean Water
Project Descriptions*

Project Name, Number

MUSCONETCONG SA
340384-07
STP UPGRADES

Priority List Rank

1

County

MORRIS

Existing Population

20,000

Service Area

Borough of Netcong, Borough of Stanhope, Borough of Mount Arlington, Borough of Hopatcong, and portions of Mount Olive Township (including the International Trade Center), Roxbury Township and Byram Township.

Need for Project

The Musconetcong Sewerage Authority's Wastewater Treatment Facilities have been built in stages from the late 1960s. This project consists of facility upgrades, where needed, on the older parts of the facilities.

Project Description

The proposed project includes rehabilitation of the Phase I and Phase IA soda ash systems at MSA WPCP; replacement of outdated VFD's in Phase I and IA WPCP Modules; upgrade of service water control system and replacement of VFDs; installation of a security fence with access control at WPCP; inspection and upgrade of Mt. Olive Meter Chamber; inspection and upgrade of Microstrainer Nos. 3 and 4 at WPCP; inspection and upgrade of Final Clarifier Nos. 1 and 2 at WPCP (Phase I); and inspection and upgrade of Final Clarifiers Nos. 3 and 4 at WPCP (Phase IA).

Project Name, Number

EWING LAWRENCE SA
340391-08
FORCE MAIN

Priority List Rank

3

County

MERCER

Existing Population

64,866

Service Area

Mountain View section of Ewing Township

Need for Project

The Mountain View Pump Station needs to be upgraded to eliminate overflows at the Jacobs Creek Diversion Chamber. The overflows adversely impact the Delaware River which is used for potable water and fishing. The Mountain View Relief Force Main must be replaced to handle increased flows. The Fourth Street Force Main must be relined due to corrosion leaks.

Project Description

The proposed project includes the replacement of the 12-inch Mountain View Force Main with an 18-inch force main; and relining of the 24-inch Fourth Street Force Main.

Project Name, Number

MIDDLESEX COUNTY UA
340699-05
STP UPGRADE

Priority List Rank

7

County

MIDDLESEX

Existing Population

694,380

Service Area

Most of Middlesex County and parts of Somerset and Union Counties

Need for Project

The proposed projects will allow the operation of the Edward J. Patten Water Reclamation Plant to continue operating in accordance with current discharge limitations as set forth in the Authority's NJPDES Permit for discharge to surface water.

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (ngd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Edward J. Patten	120	115	91.9	16.1	92.0	18.5

Project Description

Rehabilitation and Upgrades of the Edward J. Patten Water Reclamation Plant including:

1. Installation of an auxiliary Regenerative Thermal Oxidizer for the sludge drying and stabilization process.
2. Installation of an auxiliary Vapor Condenser Recovery System for the sludge drying and stabilization process.
3. Replacement of existing sludge dewatering belt filter presses.
4. Replacement of the existing dewatered sludge pumping equipment.
5. Rehabilitation of wastewater treatment primary settling tank traveling bridges and concrete flooring.
6. Replacement of the electrical substation and feeders throughout the wastewater treatment plant.
7. Installation of an auxiliary Landfill Gas Pipeline for the wastewater treatment Renewable Energy Electric Power Plant.
8. Installation of electrical power generator(s) and substation to enable activation of the Landfill Gas to Energy Renewable Electric Power Plant under a "Black Start" mode of operation.
9. Replacement of the existing wastewater treatment plant venturi flow meter pipe and related equipment.
10. Installation of an auxiliary 120 inch diameter influent pipeline to the wastewater treatment primary settling tanks.

Project Name, Number

Priority List Rank

NEWARK CITY

9

340815-20

PHASE IV BRICK SEWER REHAB

County

ESSEX

Existing Population

273,550

Service Area

City of Newark

Need for Project

Sewers targeted for rehabilitation are over 100 years old with some over 150 years old and identified as structurally deficient. The project will rehabilitate deteriorated combined sewers and provide structural upgrade to prevent sewer and street collapses and sewer back ups to residences and businesses, and to maintain public health and safety cured-in-place lining rehabilitation will be utilized as far as possible to minimize city street excavation and disruption.

Project Description

The proposed project includes cured in place rehabilitation of approximately 17,000 linear feet of brick combined sewers.

Project Name, Number

CAMDEN CITY
340366-03
PS REHABILITATION

Priority List Rank

10

County

CAMDEN

Existing Population

79,904

Service Area

City of Camden

Need for Project

The City has identified a need to replace the existing inoperative pneumatic air ejector pump station with a new station utilizing submersible pumps.

Project Description

This task involves the replacement of the existing "can" lift station located at Broadway and Morgan Boulevard. The existing lift station is inoperable and requires frequent jetting/vacuuming. The proposed scope of work includes removal of existing sewer lift station, installation of new station, reconnection/replacement of force main, and installation of safety equipment.

Project Name, Number

CAMDEN CITY
340366-07
SEWER REHABILITATION

Priority List Rank

10

County

CAMDEN

Existing Population

79,904

Service Area

City of Camden

Need for Project

The City has determined through inspection and assessment that most of the City's sanitary sewers need to be reconstructed.

Project Description

This task involves the rehabilitation/reconstruction of collapsed sewers at various locations in the City of Camden. The proposed scope of work includes replacement of collapsed sewers, installation/replacement of manholes/inlets and other structures, reconnection of residential sewer laterals, and jetting/vacuuming of adjacent existing sewers if needed.

Project Name, Number

Priority List Rank

CAMDEN CITY

10

340366-09

PUMP STATIONS REHABILITATION

County

CAMDEN

Existing Population

79,904

Service Area

City of Camden

Need for Project

The overall scope of the project is to rehabilitate eight pump stations to restore facility performance to appropriate design and safety standards.

Project Description

The proposed project includes repair or replacement of piping, pumps, motors, valves, castings, auxiliary equipment (e.g., truck for CSO maintenance), wiring/instrumentation, wet/dry wells, and station ventilation systems.

Project Name, Number

CAMDEN CITY
340366-10
CSO RELOCATION

Priority List Rank

10

County

CAMDEN

Existing Population

79,904

Service Area

City of Camden

Need for Project

The proposed project includes the relocation of an outfall due to conflicts with existing structures in the area.

Project Description

The proposed scope of work includes abandonment of existing outfall pipe, installation of new RCP sewer outfall, inspection/repair of regulator chamber, and replacement of tide gates, if needed.

Project Name, Number

CAMDEN CITY
340641-03
SEWER REHABILITATION

Priority List Rank

10

County

CAMDEN

Existing Population

79,904

Service Area

City of Camden

Need for Project

The City of Camden's brick sewers date back to the early 1800's. They are in dire need of repair and have collapsed in many locations thereby causing the streets to cave in.

Project Description

The City proposes to reconstruct deteriorated sewers in various locations throughout the City as part of their Phase II Sewer Reconstruction Program.

Project Name, Number

BAYONNE MUA
340399-30
WIND TURBINE

Priority List Rank

18

County

HUDSON

Existing Population

61,842

Service Area

City of Bayonne

Need for Project

The wind-power generator will provide a source of clean renewable energy to operate the Oak Street Pump Station, the main combined sanitary-storm water pumping station. The win-powered generator will result in a 40% reduction in the Bayonne MUA's total energy costs.

Project Description

Project will include installation of a single 1.5MW wind-powered generator at the Oak Street Pumping Station.

Project Name, Number

NORTH BERGEN UA
340652-09
CSO ABATEMENT

Priority List Rank

19

County

HUDSON

Existing Population

58,092

Service Area

North Bergen Township and Guttenberg Town

Need for Project

The modifications to the plant include the replacement in kind of the mechanical bar screen and comminutor. Rehabilitation of six CSO regulators to obtain proper flow patterns and reduce sewer overflows and installation of a chamber to provide access to existing netting chamber at outfall 010. Pipe replacement and pipe lining to reduce infiltration/inflow, sewer back-ups into buildings, and sewer overflows.

Project Description

The proposed project includes replacement in kind of the mechanical bar screen and comminutor. Rehabilitation of six CSO regulators and installation of a chamber to provide access to existing netting chamber at outfall 010. Also included are pipe replacement and pipe lining.

Project Name, Number

HOPATCONG BOROUGH
340488-05
COLLECTION SYSTEM

Priority List Rank

22

County

SUSSEX

Existing Population

15,888

Service Area

Borough of Hopatcong

Need for Project

This project is necessary to protect the waters of Lake Hopatcong (FW2-TM), a potable water supply source. Wastewater treatment methods in Hopatcong Borough consist of individual on-site systems. There are reported septic system failures which have been determined to adversely affect fishable (trout) and primary contact recreation uses of the lake. Water quality does not meet standards for dissolved oxygen and nutrients and marginally meet standards for fecal coliform and toxics. Nutrient inputs from existing septic systems would continue to be a major source of excessive aquatic plant and algae growth even if all systems were operating properly. The project is needed to eliminate septic systems in the densely developed portion of the watershed.

Project Description

The proposed project includes the installation of a collection and conveyance system to connect approximately 609 homes to the Musconetcong Sewerage Authority's STP which will treat the new flows from the Borough of Hopatcong.

Project Name, Number

ELIZABETH CITY
340942-11
CSO ABATEMENT

Priority List Rank

24

County

UNION

Existing Population

120,568

Service Area

City of Elizabeth

Need for Project

The City of Elizabeth owns and operates several combined sewer overflows. The overflows discharge to the Elizabeth River, Arthur Kill, Newark Bay, Great Ditch and Peripheral Ditch. The discharges adversely impact non-trout fishing and industrial water uses. Water quality does not meet standards for fecal coliform, nutrients and toxics. The proposed project will relieve overflows and reduce flow to the treatment plant.

Project Description

The proposed project includes installing a separated storm sewer system throughout the entire midtown, rehabilitation of the 125 year old sanitary sewer, and reconstruction of an existing sanitary sewer pumping station.

<u>Project Name, Number</u>	<u>Priority List Rank</u>
BAYSHORE RSA	25
340697-04	
WIND TURBINE, STP IMPROVEMENTS	

County

MONMOUTH

Existing Population

478,000

Service Area

The municipalities of Hazlet, Holmdel, Union Beach, Keyport, Keansburg, Aberdeen, Matawan and parts of Marlboro

Need for Project

Bayshore plans to install a 1.5 Megawatt wind turbine to power its treatment plant for environmental and economic benefits. Other improvements to the STP are needed to ensure operational reliability and component integrity. Certain process equipment must be replaced or improved. The existing discharge to the Raritan Bay has the potential to adversely impact shellfish and recreational uses.

Project Description

The proposed project includes installation of a 1.5 MW wind turbine to power the treatment plant. Also included are certain treatment plant and collection system improvements including covering the incinerator facility ash settling basin, installation of a screening compactor at the head-works, concentration tank odor improvements, improvements to aeration system #1, network and communication upgrades, and other collection system improvements.

Project Name, Number

JERSEY CITY MUA
340928-06
SEWER REHABILITATION

Priority List Rank

26

County

HUDSON

Existing Population

240,055

Service Area

Jersey City

Need for Project

The combined sewer overflows in the planning area discharge to the Hackensack and Hudson Rivers, and Upper New York Bay. The designated uses for these waters include secondary contact recreation, propagation and maintenance of fish and wildlife populations, the migration of anadromous fish, industrial water supply and other reasonable uses. The water quality is defined as poor due to the presence of high concentrations of indicator organisms such as fecal coliforms and toxic substances, and the observation of depressed levels of dissolved oxygen. The unsatisfactory water quality has been attributed to high pollutant loadings from inadequately treated municipal and industrial effluents, combined sewer overflows and non-point sources.

Project Description

The proposed project includes inspection and repair of 25,000LF of combined sewer.

Project Name, Number

JERSEY CITY MUA
340928-07
CSO ABATEMENT

Priority List Rank

26

County

HUDSON

Existing Population

240,055

Service Area

Jersey City, Kearny, Secaucus

Need for Project

The JCMUA sewer system is in need of a number improvements and repairs to eliminate excess flows and improve overall efficiency.

Project Description

The proposed project includes reconstruction/realignment of the Northwest Interceptor, replacement of a pump station and improvements to other pump stations, relocation of sewers from under buildings to the street and separation of sanitary and storm lines in the buildings, elimination of an interconnection, and rehabilitation of storm and sewer lines. The installation of new tide gates and regulator repairs are also proposed.

Project Name, Number

PATERSON CITY
340850-04
CSO ABATEMENT

Priority List Rank

36

County

PASSAIC

Existing Population

149,222

Service Area

City of Paterson

Need for Project

As part of their NJPDES permit, the City of Paterson must undertake design and construction of solids/floatable control facilities at its combined sewer overflow discharge locations. Overflows from the city discharge into the Passaic River and, in one area, to the Molly Ann Brook. They are a public nuisance due to floatables and unacceptable fecal coliform levels. Water quality does not meet standards for nutrients, and the level of toxics is only marginally acceptable. The discharges adversely impact the non-trout fishing and industrial uses of the Passaic River.

Project Description

The proposed project includes work at four discharge points to install solids/floatables control facilities. Three sites will have a combination of mechanical screening and netting facilities, one site will have a static bar screen.

Project Name, Number

LONG BRANCH SA
340336-03
STP IMPROVEMENTS

Priority List Rank

37

County

MONMOUTH

Existing Population

31,340

Service Area

City of Long Branch, Borough of West Long Branch (small portion)

Need for Project

The Long Branch Sewerage Authority is confronted with two wastewater treatment problems. The first problem is the insufficient useable capacity of the existing Joline Avenue Ocean Outfall (capacity 13 mgd). Under normal operation, the existing gravity sewer and outfall pumping station (capacity 8.5 mgd) provide adequate discharge capacity for the treated effluent. However, under emergency and peak flow conditions, an added capacity was formerly provided by a 14 inch force main connected to the North Broadway Ocean Outfall. In June of 1978, a coastal storm completely destroyed the North Broadway Outfall. Without replacement of the lost effluent capacity and with flows in excess of 8.5 mgd, the treatment units are at times overtopped, discharging partially treated wastewater. The second problem stems from the increased amount of grit and sand reaching the plant since the plant was designed. The grit and sand have caused extensive downtime to the primary settling tanks and, in addition, have caused excessive wear on the equipment. The overflow condition coupled with the inadequate secondary treatment caused by the extensive downtime of the primary settling tanks has a negative impact upon the intended uses (i.e, shellfish harvesting and recreation) of the coastal waters (SC) in this area.

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
			Reported BOD		Reported SS	
	Design	Present	%	mg/l	%	mg/l
Long Branch SA (NJ0024783)	5.4	4.6	94.3	12.7	94.2	12

Project Description

The project proposes to solve the effluent capacity problem by the construction of 3,500 feet of 20 inch force main between the existing treatment plant and the Joline Avenue Ocean Outfall. The force main will be used for emergency or peak flows in excess of the capacity of the Joline Ave. effluent facilities. Some modifications of the existing pumping facilities at the treatment plant will also be required. This scheme will allow the full 13 mgd capacity of the Joline Ave. Ocean Outfall to be utilized. The excessive grit and sand problem will be corrected by the construction of an appropriate grit removal facility. The completion of these projects will insure adequate secondary wastewater treatment within the Long Branch SA service area.

Project Name, Number

ATLANTIC COUNTY UA
340809-17
STP IMPROVEMENTS

Priority List Rank

40

County

ATLANTIC

Existing Population

250,000

Service Area

The municipalities of Absecon, Atlantic City, Brigantine, Egg Harbor City, Egg Harbor Township, Galloway, Hamilton, Linwood, Longport, Margate, Northfield, Pleasantville, Somers Point and Ventnor.

Need for Project

Improvements to the ACUA's City Island Secondary Treatment plant are needed to ensure operational reliability and component integrity. Certain process equipment must be replaced or improved. The existing discharge to the Atlantic Ocean has the potential to adversely impact shellfish and recreational uses.

Project Description

The proposed project includes improvements and upgrades to various components of the ACUA City Island Treatment Plant.

Project Name, Number

CAPE MAY COUNTY MUA
340661-10
STP IMPROVEMENTS

Priority List Rank

44

County

CAPE MAY

Existing Population

50,140

Service Area

Wildwood/Lower Region and Seven Mile/Middle Region

Need for Project

The primary water water based need for this project is that of lowering the risk of a negative environmental impact due to major equipment failure. All the equipment to be replaced in this project has an essential purpose in the operation of its particular wastewater treatment facility. If any or all of this equipment fails and becomes unreliable, the ability for the facility to properly accomplish its object of meeting its discharge permit becomes compromised.

Project Description

The project components include replacing carbon in odor control scrubbers at the Seven Mile Middle Regional Wastewater Treatment Facility, replacing carbon in odor control scrubbers at the Ocean City Regional Wastewater Treatment Facility, replacing clarifier component parts for clarifier rebuilds at the Seven Mile Middle Regional Wastewater Treatment Facility, replacing clarifier component parts for clarifier rebuilds at the Wildwood Lower Township Regional Wastewater Treatment Facility, and replacing two (2) existing 450 HP VFD with new like kind equipment at the Wildwood Lower Township Regional Wastewater Treatment Facility.

Project Name, Number

PEQUANNOCK, LINCOLN PARK FAIRFIELD SA
340880-03
UV DISINFECTION

Priority List Rank

46

County

MORRIS

Existing Population

40,000

Service Area

Pequannock Township, Borough of Lincoln Park, Fairfield Township, portions of West Caldwell and North Caldwell

Need for Project

This project will replace the existing chlorination/dechlorination system with an Ultraviolet disinfection system to address dibromochloromethane limitations.

Project Description

The project would include the installation of an Ultraviolet Disinfection system at the Authority's existing wastewater treatment facility. The system will be installed to replace the existing chlorination/dechlorination system.

Project Name, Number

OCEAN TOWNSHIP SA

340750-08

STP IMPROVEMENTS, OUTFALL REPAIRS

Priority List Rank

47

County

MONMOUTH

Existing Population

29,927

Service Area

Township of Ocean, Borough of Interlaken, Borough of Deal, Borough of Allenhurst,
Village of Loch Arbor

Need for Project

The existing treatment facility was constructed in the 1960s and expanded in the 1980s and is in need of various repairs, modifications, and replacement of existing equipment and structures, and conveyance system pumping station improvements. The proposed improvements to the treatment facility will ensure proper treatment of sewage, which is discharged to the Atlantic Ocean.

Project Description

The proposed project includes ocean outfall repairs, replacement of final clarifiers, rehabilitation of chlorine contact tanks, and replacement of the existing sodium hypochlorite facilities, and improvements to pumping stations.

Project Name, Number

CAMDEN COUNTY MUA
340640-11
STP UPGRADES

Priority List Rank

52

County

CAMDEN

Existing Population

508,932

Service Area

Camden County

Need for Project

It is imperative that the CCMUA do its utmost to reduce the potential of odor emissions from its large wastewater treatment plant to the adjacent residential neighborhood, located in Camden City, an environmental justice community. This project calls for upgrade and replacement of the plant's oldest odor control equipment with newer and more effective odor control facilities.

Project Description

The Camden County MUA operates a large (80 MGD) wastewater treatment plant adjacent to a residential neighborhood in Camden City. It operates an array of odor control facilities to reduce odor emission potential from the plant. Some of the plant's odor control equipment is ready for replacement with newer and more effective technology. This project proposes to replace some of the plant's older chemical scrubbers with new biofilters that will be more effective in controlling odors from the plant.

Project Name, Number

NORTH HUDSON SA
340952-13
SEWER IMPROVEMENTS

Priority List Rank

55

County

HUDSON

Existing Population

200,000

Service Area

City of Hoboken and portions of the Township of Weehawken and Union City

Need for Project

Improvements to the collection system will help maintain the integrity of the aging collection system and reduce inflow/infiltration into the sewers to the extent possible, maximizing flow to the wastewater treatment plants and relieving flooding during wet weather.

Project Description

The proposed project includes installation of a wet weather pump station; flow diversion from the River Road Plant to the Adams Street Plant that includes construction of a new gravity conveyance, placement of a pump station, and construction of a new force main; and replacement and realignment to a new outfall location of a wet weather force main.

Project Name, Number

NORTH HUDSON SA
340952-14
COMBINED SEWER REHAB

Priority List Rank

55

County

HUDSON

Existing Population

200,000

Service Area

City of Hoboken and portions of the Township of Weehawken, Union City, and West New York

Need for Project

The proposed improvements will decrease the number of overflows from the Authority's combined sewer system lessening the amount of raw sewage discharged to the Hudson River.

Project Description

The proposed project includes rehabilitation of combined sewers, combined sewer cleaning, vactor truck purchase, fire alarm installation, and various repairs at the River Road WWTP.

Project Name, Number

NORTH HUDSON SA
340952-16
COLLECTION SYSTEM IMPROVEMENTS

Priority List Rank

55

County

HUDSON

Existing Population

200,000

Service Area

City of Hoboken and portions of the Township of Weehawken, Union City, and West New York

Need for Project

The proposed improvements will decrease the number of overflows from the Authority's combined sewer system lessening the amount of raw sewage discharged to the Hudson River.

Project Description

The proposed project includes installation of screenings or comminutor facilities at the 5th and 11th Street pump stations to help minimize the clogging of the existing pumps at each facility, rehabilitation of various sections of combined sewer ranging in diameters of 12" to 30", and replacement of sump pump piping and sump pump repairs at various solids/floatables control facilities.

Project Name, Number

ELIZABETH CITY
340942-12
CSO FLOOD RELIEF

Priority List Rank

59

County

UNION

Existing Population

120,568

Service Area

City of Elizabeth

Need for Project

The City of Elizabeth owns and operates several combined sewer overflows. Overflows in Summer Street area discharge to the Elizabeth River. The discharges adversely impact non-trout fishing and industrial water uses. Water quality does not meet standards for fecal coliform, nutrients and toxics. The proposed project will relieve flash flooding and overflows that occur at the low point in Harding Road.

Project Description

The proposed project includes construction of 1,600 LF of 24"-30" diameter relief storm sewer to convey stormwater from the lowest section of Summer Street to a discharge point downstream of the existing CSO facilities. The proposed project also includes rehabilitation and cleaning of the existing drainage inlet basins connected to the existing combined sewer system. Existing castings will be replaced and/or retrofitted with new castings conforming to the NJDEP's stormwater standards.

Project Name, Number

HAMILTON TOWNSHIP
340898-03
STP IMPROVEMENTS

Priority List Rank

61

County

MERCER

Existing Population

95,420

Service Area

Hamilton Township

Need for Project

The proposed projects will provide the continuing operation of the wastewater treatment plant into the future.

Project Description

The proposed project includes replacement of equipment in the clarifiers at the treatment plant.

Project Name, Number

HACKENSACK CITY
340923-10
CSO ABATEMENT

Priority List Rank

65

County

BERGEN

Existing Population

42,677

Service Area

City of Hackensack

Need for Project

The current combined sewage collection system backs up often due to its inability to handle the stormwater runoff generated in the project area.

Project Description

The project will comprise of three-phase approach to alleviate flooding of streets and basements in the residential area that is caused by backups in the combined sanitary sewers. To separate the combined sewers, the first phase will consists of construction of a new local stormwater collection system with discharge to the Hackensack River and a new direct gravity sanitary sewer to the Bergen County Utilities Authority trunk sewer. The second phase will consists of construction of a new local sanitary collection system by slip lining the existing smaller pipes. The third phase will consists of construction of a new stormwater pumping station to minimize flooding in other areas.

Project Name, Number

MILLVILLE CITY
340921-06
STP IMPROVEMENTS

Priority List Rank

68

County

CUMBERLAND

Existing Population

26,847

Service Area

City of Millville

Need for Project

Millville has identified improvements to its treatment plant that will improve efficiency, reduce operational cost, and simultaneously improve process stability, and extend the useful life of the overall plant.

Project Description

The proposed project includes upgrades to the aeration tanks and secondary clarifiers at the treatment plant.

Project Name, Number

DELAWARE TOWNSHIP MUA
340917-01
STP IMPROVEMENTS

Priority List Rank

70

County

HUNTERDON

Existing Population

3,980

Service Area

Seargentsville (including light business district)

Need for Project

Based on NJPDES Permit (NJ0027561) issued December 30, 2005 with an effective date of March 1, 2006. Current plant flow 0.045 MGD with Design Flow of 0.065MGD. Project is needed to meet new effluent limits imposed by permit (Deadline for meeting limits - February 2011). In particular, new effluent limits for phosphorus (Existing limit - 1.0 mg/liter Proposed Limit - 0.5 mg/liter), copper (No existing limit - Proposed 14.4 micrograms/liter) and bromodichloromethane (No Existing Limit - Proposed 1.1 micrograms/liter). Current plant is not capable of meeting proposed limits. Permit limits are currently being adjudicated through the formal appeals process. Settlement discussions with NJDEP are on going with a reasonable expectation for a settlement agreement. Deadline for compliance is likely to be extended beyond February 2011.

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Delaware Township MUA (Secondary) (NJ0020290)	.027	Not Avail- able	93	13	87.3	16.9

Project Description

Upgrade of existing Wastewater Treatment facility to meet new NJPDES permit limits. Project is located in Delaware Township, Hunterdon County in the Village of Sergeantsville. The facility currently serves the Village Residences, an Elementary & Middle School (K- 8th) and a small commercial center. Stream discharge is to Rose Creek (tributary to Wickecheoke Creek).

Project Name, Number

Priority List Rank

PASSAIC VALLEY SC

71

340689-15

CSO ABATEMENT

County

ESSEX

Existing Population

1,350,000

Service Area

Parts of Bergen, Essex, Hudson and Passaic Counties

Need for Project

Passaic Valley SC will increase the plant's wet weather treatment capacity. Accepting additional flow at the treatment plant will reduce the stormwater overflows to the Passaic River and Newark Bay. Increasing stormwater flows to the treatment plant will reduce the amount of floatable debris that enters the water bodies through stormwater runoff.

Project Description

The proposed project includes improvements to the effluent pumps, installation of an additional thickening centrifuge and converting two of the thickeners to storage tanks, improvements to the HVAC system in the filter press building, concrete and electrical improvements to the oxygenation tanks, improvements to the sludge dewatering liquor pipeline, installation of skimmings equipment on the final clarifiers, and improvements to tunnel and gallery waterproofing throughout the plant.

Project Name, Number

POMPTON LAKES BOROUGH MUA
340636-07
STP IMPROVEMENTS

Priority List Rank

74

County

PASSAIC

Existing Population

10,539

Service Area

Pompton Lakes Borough

Need for Project

The wastewater treatment plant is in need of repairs or upgrades to continue providing treatment at a level to meet current and future stringent effluent permit criteria.

Project Description

The project includes replacement of the headers and diffusers on the aeration tank swing arms.

Project Name, Number

NORTH HUDSON SA
340952-15
STP IMPROVEMENTS

Priority List Rank

77

County

HUDSON

Existing Population

200,000

Service Area

City of Hoboken and portions of the Township of Weehawken Union City, and West New York

Need for Project

Upgrades at the River Road and Adams Street Wastewater Treatment Plants will improve reliability and productivity allowing more flow to be treated thus minimizing CSO overflows.

Project Description

The proposed project includes the replacement and coating of deteriorated piping supports located within the existing Purac Building (dissolved air flotation treatment) at the Adams Street WWTP. The building interior, which is in a corrosive environment, will also require repainting to protect it from corrosion. Additionally, two aged primary clarifier isolation gates are to be replaced to enhance reliability. While at the River Road WWTP improvements will include replacement of the existing badly corroded grit equipment including the grit classifiers, screws, and stud shafts.

Project Name, Number

CAPE MAY COUNTY MUA
340661-07
STP/BENEFICIAL REUSE

Priority List Rank

78

County

CAPE MAY

Existing Population

50,140

Service Area

Wildwood/Lower Region and Seven Mile/Middle Region

Need for Project

The purpose of the project is to highly treat effluent from the Authority's Seven Mile Beach/Middle Region WTF and provide it for beneficial reuse. Odor control systems have reached the end of their useful life and need to be replaced.

Project Description

The proposed project includes plant improvements to allow for reuse of 300,000 gpd of effluent from the Seven Mile Beach/Middle Region WTF. Also included is the construction of a biofilter system for odor control.

Project Name, Number

CLIFFSIDE PARK BOROUGH
340847-05
SEWER REHABILITATION

Priority List Rank

79

County

BERGEN

Existing Population

23,007

Service Area

Borough of Cliffside Park

Need for Project

The sanitary sewer replacement and rehabilitation is necessary to reduce infiltration and inflow and to minimize the chance of failure in the system.

Project Description

This project consists removal and replacement of sanitary sewer lines in the area from Lawton Avenue to the Fort Lee Borough line on Glen Road. This also includes the correction of sanitary sewer pumping running through storm drains, causing significant flow reduction.

Project Name, Number

PHILLIPSBURG TOWN
340874-04
STP IMPROVEMENTS

Priority List Rank

80

County

WARREN

Existing Population

15,166

Service Area

Town of Phillipsburg

Need for Project

Continued enhancement to the plants treatment processes is vital to the ability of the plant to meet discharge effluent water quality limits. The Town of Phillipsburg is a discharger to the Lower Delaware River watershed. Accordingly, the Special Protection Water Regulations will require enhanced treatment of the facility effluent. In order to meet the DEP and DRBC effluent limits, the Town is working on relocation of the existing outfall and plant upgrades to enhance the current treatment process.

Project Description

The Town of Phillipsburg owns and operates a Wastewater Treatment Plant that is permitted for 3.5 MGD. The plant services Phillipsburg and four outlying municipal districts; Pohatcong Township, Greenwich Township, Lopatcong Township and Alpha Borough. The plant currently experiences an average monthly flow of approximately 2.1 MGD.

In addition, the Town is actively pursuing upgrading the plant to improve treatment processes and enhance the quality of the discharge effluent. In late 2007, the Town completed a study to examine the various options available to improve effluent quality and streamline the current treatment process. The results of this study indicate that the most effective and cost conscious method would be to add to the current Sequence Batch Reactor (SBR) process. Currently, the plant operates on four parallel SBRs followed by disinfection through chlorine contact tanks. As part of the treatment enhancement, it is proposed to add two additional SBRs to allow increased contact time and increased phosphorus, copper and nitrogen removal.

Project Name, Number

PHILLIPSBURG TOWN
340874-05
OUTFALL RELOCATION

Priority List Rank

80

County

WARREN

Existing Population

15,166

Service Area

Town of Phillipsburg

Need for Project

The project is needed to relocate the outfall closer to the confluence with the Delaware River and extend the regulatory mixing zone into the Delaware River. Currently, the mixing zone is within Lopatcong Creek. By completing this project, the possible anti-degradation issues for Lopatcong Creek are eliminated; therefore improving local water quality. In addition, in December 2008, the NJDEP approved permit limits contingent upon the relocation of the outfall to the proposed location. Accordingly, this project is vital to the plant to meet the discharge effluent water quality limits.

Project Description

Relocation of the Town's Wastewater Treatment Plant outfall to a location agreed upon by the NJDEP and DRBC as a condition of revised permit limits.

Project Name, Number

LAMBERTVILLE SA
340882-06
STP IMPROVEMENTS

Priority List Rank

82

County

HUNTERDON

Existing Population

3,868

Service Area

City of Lambertville

Need for Project

The majority of the project elements are intended to improve the quality of wastewater treatment through the replacement of equipment that has reached the end of its useful life. The inflow and infiltration reduction component will address known problems within the existing sewer collection system, allowing the treatment plant to avoid hydraulic overloading conditions. The remaining minor elements are intended to improve operational performance, system reliability, and energy efficiency.

Project Description

All of the following work will occur at the Lambertville Regional Environmental Pollution Control Facilities located on Lambertville Lane in Lambertville, New Jersey. Project elements at this location include:

- Primary clarifier improvements consisting of replacement of existing chains, flights, running shoes, and new equipment to provide continuous sludge pumping capability.
- Rotating Biological Contactors (RBCs) modifications consisting of replacement of the existing eight (8) RBCs, replacement of existing air lines and blowers, installation of new dissolved oxygen probes.
- Secondary clarifier improvements consisting of replacement of existing chains, flights, running shoes, and new equipment to provide continuous sludge pumping capability. This work will also include above ground piping to facilitate recirculation of secondary clarifier effluent.
- Belt filter presses filtration conditioning system.
- Chlorine contact tank improvements consisting of a manual skimming arm.
- Chemical addition for improving performance including new tankage, mixing, pumping, and controls.
- Electrical system improvements
- Reclaimed water for beneficial reuse system improvements
- Geothermal heating for the administration building using plant water system
- Instrumentation improvements

The project will also consist of inflow and infiltration reduction within the City of Lambertville, and electrical and mechanical improvements for the Swan Street Pumping Station.

Project Name, Number

MONTGOMERY TOWNSHIP
340130-01
STP IMPROVEMENTS

Priority List Rank

83

County

SOMERSET

Existing Population

17,481

Service Area

Montgomery Township

Need for Project

Due to the age and condition of existing equipment, coupled with the issuance of stringent discharge limits, the Township will upgrade the plant using bioreactor technology. MBR technology provides a higher level of treatment than is possible with conventional activated sludge and sand filtration.

Project Description

The proposed upgrade includes construction of a membrane bioreactor at the North Princeton Development Center/Skillman Village Wastewater Treatment Plant.

Project Name, Number

MONTGOMERY TOWNSHIP
340130-02
STP IMPROVEMENTS

Priority List Rank

83

County

SOMERSET

Existing Population

17,481

Service Area

Montgomery Township

Need for Project

Due to the age and condition of existing equipment, coupled with the issuance of stringent discharge limits, the Township will upgrade the plant to improve effluent quality to enable reliable compliance with existing NJPDES effluent limitations and enable compliance with anticipated future effluent limitations for nitrate.

Project Description

The proposed upgrade includes construction of a membrane bioreactor at the Pine Brook Wastewater Treatment Plant.

Project Name, Number

SECAUCUS MUA
340154-01
STP IMPROVEMENTS

Priority List Rank

85

County

HUDSON

Existing Population

15,931

Service Area

Town of Secaucus

Need for Project

The rehabilitation of the sanitary sewer system components and other improvements will be integral to ensure that the sanitary sewer system maintains operational reliability, component integrity, and permit compliance.

Project Description

The proposed improvements at the Koelle Boulevard Wastewater Treatment Facility include replacement of the existing automatic transfer switch, replacement of the existing pump motor control panels #'s 2 & 3, replacement of nine existing main sewage pumps within pump stations #1, 2 & 3, replacement of the existing plant water system, replacement of the three existing bar screens and installation of roof top solar panels. The project also includes televising and subsequent repair of the pipes within the Sanitary Collection System.

Project Name, Number

Priority List Rank

BERGEN COUNTY UA

87

340386-09

INFILTRATION/INFLOW CORRECTION

County

BERGEN

Existing Population

491,140

Service Area

The BCUA currently serves 51 municipalities.

Need for Project

This project consists of reducing rainfall-induced infiltration and inflow (RII/I) and elimination of sanitary sewer overflows (SSO) caused by the RII/I in the BCUA's and its 47 member municipalities' sanitary sewers. The BCUA's goal is to reduce RII/I by 30 percent in those service areas with the most problems within a five-year period. These areas were identified in the work plan and include the municipalities of Leonia, Fort Lee, Cliffside Park, Edgewater, Englewood Cliffs, Palisades Park, South Hackensack, East Rutherford, Haworth, Maywood, Tenafly, and Englewood.

Project Description

The project will include cleaning of approximately 200,000 lf of 8 to 24 inch diameter sewer; video inspection, during significant rain events, of approximately 150,000 lf of 8 to 24 inch diameter sewer. Based on the results, the BCUA will implement a "Fix It" remedy that will include the following: sealing of sanitary sewer joints in pipe ranging in size from 8-inch to 24-inch diameter; grouting of manhole leaks; rehabilitation by partial or complete cured-in-place-pipe (CIPP) lining of sewers ranging in size from 8-inch to 24-inch diameter; rehabilitation by CIPP lining of 4 to 6 inch PBSC's; repair by partial or complete excavation and replacement of 8-inch to 24-inch diameter sewers; repair of pipe defects by excavation and installation of repair clamps for 8-inch to 24-inch diameter sewers; replacement of defective branch connections by excavation and replacement; repair of 4-inch to 6-inch defective PBSCs by excavation and replacement; replacement of severely damaged and leaking manholes; installation of rain barrels where roof leaders are connected to the sanitary sewer system; installation of splash pads where roof leaders are disconnected; redirection of sump pumps that are currently discharging into the sanitary sewer system; disconnection and redirection to the storm sewer system of prohibited roof leaders and foundation drains, which are currently discharging into sanitary sewers; and installation of 6-inch to 8-inch clear water systems to collect sump pump clear water flow, which currently discharge into sanitary sewers where there is no storm sewer system.

Project Name, Number

Priority List Rank

PASSAIC VALLEY SEWERAGE COMMISSIONERS
340689-16
STP IMPROVEMENTS

90

County

ESSEX

Existing Population

1,350,000

Service Area

Parts of Bergen, Essex, Hudson and Passaic Counties

Need for Project

PVSC currently accepts sludge from the Bergen County Utilities Authority (BCUA) for treatment. Maintenance dredging is required to continue to accept the BCUA sludge. Dewatering the BCUA sludge at PVSC reduces nitrogen loadings to the Hackensack River. This project will also make improvements to PVSC's plant wide fire alarm system.

Project Description

The proposed project includes improvements to the plant wide fire alarm system. PVSC's docks require maintenance dredging to continue to bring sludges by barge from the Bergen County Utilities Authority and New York City.

Project Name, Number

PASSAIC VALLEY SC
340689-18
FINAL CLARIFIERS

Priority List Rank

90

County

ESSEX

Existing Population

1,350,000

Service Area

Parts of Bergen, Essex, Hudson and Passaic Counties

Need for Project

Passaic Valley SC will increase the plant's wet weather treatment capacity. Accepting additional flow at the treatment plant will reduce the stormwater overflows to the Passaic River and Newark Bay. Increasing stormwater flows to the treatment plant will reduce the amount of floatable debris that enters the water bodies through stormwater runoff.

Project Description

The proposed project includes upgrades to an existing Wastewater Treatment Plant facilities including rehabilitation of all existing final clarifiers, electrical, and I&C with modifications to address sludge and scum collection.

Project Name, Number

PASSAIC VALLEY SC

340689-19

COMBINED HEAT & POWER FACILITY

Priority List Rank

90

County

ESSEX

Existing Population

1,350,000

Service Area

Parts of Bergen, Essex, Hudson and Passaic Counties

Need for Project

Although the Commission already has qualifying back-up for power outages through 2 PSEG sub-stations, this CHP Facility will make the Commission wholly independent from utility outages, thereby allowing the Commission to continue processing sewerage materials under all power conditions, including that of a grid black-out. This would prevent the flow of untreated materials in those power challenged situations. The CHP Facility would allow the Commission to increase power to meet all demand during wet weather flow periods. The CHP Facility should result in operational efficiencies, including cost savings in electricity, heating and cooling, so that the Commission can undertake other priority list projects through the Trust Program.

Project Description

The proposed project includes installation of a Combined Heat and Power Facility to be located on Commission property.

Project Name, Number

Priority List Rank

PARSIPPANY-TROY HILLS TWP
340886-01
STP IMPROVEMENTS

93

County

MORRIS

Existing Population

87,937

Service Area

Parsippany Troy Hills, Mountain Lakes Borough, East Hanover Township

Need for Project

The Township expects to be issued a phosphorus and nitrate limits in its next permit. Both parameters will effect the water quality discharged to the confluence of the Rockaway and Whippany Rivers. The Township needs to upgrade to these new limits and at the same time make the plant energy efficient and have spare tankage for potential future permit requirements.

Project Description

The proposed project proposes replacing antiquated equipment with energy-efficient equipment and rehabilitating some of the existing treatment systems.

Project Name, Number

STONY BROOK RSA
340400-06
RIVER ROAD HEADWORKS

Priority List Rank

94

County

MERCER

Existing Population

60,000

Service Area

Princeton Borough, Princeton Township, West Windsor Township, a portion of South Brunswick, a portion of Plainsboro Township, and a portion of Franklin Township

Need for Project

The River Road WWTP currently does not have any influent screens. Rags accumulate/buildup throughout the process in structures, gate operators, etc. Prior to the installation of our new "ragless" aerators rags would accumulate on the impellers and staff would remove rags from the impellers approximately three times per week. Rags no longer accumulate on the impellers however they now remain in the system. These rags have the potential to clog process lines and pumps.

The existing grit removal system (abandoned in 1988) required continuous maintenance and was eventually removed. A new grit removal system is necessary to protect existing and new equipment. New mechanical surface aerators have been installed (2009) in the MA Tanks and will be installed in the Nitrification tanks. Grit removal will help alleviate premature wear on the impellers and existing equipment.

Project Description

The project includes the installation of influent screens and a new grit removal system at the River Road Wastewater Treatment Plant. The screens will be provided with a washer and compactor and the grit system provided with a grit washing system. Both the screens and the residual handling systems will be located within a building. Modifications to the existing grit chamber odor control system will be required as well as an odor control system for the proposed building.

Project Name, Number

EAST WINDSOR MUA
340536-07
STP IMPROVEMENTS

Priority List Rank

95

County

MERCER

Existing Population

23,401

Service Area

East Windsor

Need for Project

This project will replace and/or refurbish existing vital wastewater treatment equipment at the facility. The equipment is approximately 20 years old and must be refurbished in order to extend the life of the equipment and maintain its ability to provide proper wastewater treatment.

Project Description

Improvements to the Authority's Millstone Road Water Pollution Control Facility including:

1. Replacement of grit removal equipment
2. Replacement of diesel and gasoline fueling facility
3. Rehabilitate wastewater storage basins
4. Grit and screenings storage facility
5. Miscellaneous sandblasting and painting of wastewater treatment equipment
6. Replacement of damaged and corroded exterior building entrance doors to enhance security
7. Installation of new lighting and door replacement at Fleet Parking Garage to enhance security

Project Name, Number

WANAQUE VALLEY RSA

340780-03

STP IMPROVEMENTS

Priority List Rank

96

County

PASSAIC

Existing Population

9,710

Service Area

Wanaque Borough

Need for Project

Wanaque Valley Regional Sewerage Authority has proposed improvements and process modifications to their existing wastewater treatment plant in order to increase the efficiency of the wastewater treatment facility. The project is necessary to minimize odor problems, regulate the oxygen concentrations at the plant, improve the disinfection process to meet all NJDEP requirements and upgrade the security system, including SCADA integration. The proposed project is expected to result in improved effluent quality. The existing discharge adversely impacts fishable (non-trout) and industrial water uses. Water quality marginally meets standards for fecal coliform and nutrients.

Sewage Treatment Plant (STP) Name (NJPDDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Wanaque Valley RSA (NJ0053759)	1.25	.782	97.2	4.5	97.7	4.1

Project Description

The following upgrades to the Treatment Plant will be included: Installation of a septage receiving station, grit rolloff area enclosure, floating brush rotors for oxidation ditches, and various site improvements, including UV disinfection, security and SCADA upgrades.

Project Name, Number

ALLAMUCHY TOWNSHIP
340256-02
STP IMPROVEMENTS

Priority List Rank

97

County

WARREN

Existing Population

3,877

Service Area

Township of Allamuchy

Need for Project

The project will improve the operation of the existing wastewater treatment plant. No additional capacity will result from the improvements and no new units will be served as a result of this project.

Project Description

Improvements to the Township of Allamuchy Wastewater Treatment Plant, including installation of UV disinfection system, replacement of existing sand filters, and installation of a permanent chemical storage tank and associated piping for phosphorous reduction.

Project Name, Number

Priority List Rank

NEWARK CITY

99

340815-19

CATCH BASINS AND MANHOLE REHAB

County

ESSEX

Existing Population

273,550

Service Area

City of Newark

Need for Project

Deteriorating manholes require rehabilitation to prevent total collapse, which would result in severe sewer back ups.

Project Description

The project includes replacement of collapsing block manholes, cast iron castings and manhole covers.

Project Name, Number

WILLINGBORO MUA
340132-02
STP IMPROVEMENTS

Priority List Rank

101

County

BURLINGTON

Existing Population

30,008

Service Area

Willingboro Township

Need for Project

The proposed project will generate electricity and heat providing significant cost savings to the MUA.

Project Description

The proposed project includes installation of a microturbine facility and photovoltaic facility at the treatment plant. The microturbine will use digester gas to generate electricity and waste heat to preheat sludge feed to the digesters. The photovoltaic systems will generate electricity to use at the treatment plant.

Project Name, Number

MEDFORD TOWNSHIP
340346-05
STP IMPROVEMENTS

Priority List Rank

103

County

BURLINGTON

Existing Population

22,253

Service Area

Medford Township

Need for Project

The existing package aeration plants are incapable of producing effluent with significantly reduced phosphorous levels to achieve permit limitations.

Project Description

The proposed upgrade includes the conversion of the existing package aeration plants to equalization tanks. Upgrades to the influent system include the construction of a new building to house all influent equipment, which includes comminutors, grit chambers, and the existing wetwell. Demolition of the existing influent building will be required.

Project Name, Number

MEDFORD TOWNSHIP
340346-07
SLUDGE SYSTEM IMPROVEMENTS

Priority List Rank

103

County

BURLINGTON

Existing Population

22,253

Service Area

Medford Township

Need for Project

This is Phase V of a six phase project, which began due to more strict discharge limits. Construction done in the previous phases of work cannot be fully implemented without this phase of the project.

Project Description

The project includes the conversion of the existing Package Aeration Plants into combination Thickeners/ Aerobic Digesters, along with associated improvements to the chemical feed, electrical and instrumentation systems at the Medford Sewage Treatment Plant. The project will also include improvements to the existing sludge transfer system, allowing digesters and thickeners to function in conjunction with the retrofitted package plants.

Project Name, Number

Priority List Rank

BORDENTOWN SA
340219-01
STP IMPROVEMENTS

105

County

BURLINGTON

Existing Population

8,380

Service Area

Township of Bordentown

Need for Project

Pumps at the Black Creek Wastewater Treatment Plant have reached the end of their useful life and need replacing.

Project Description

The proposed project includes the replacement of pumps at the head of the plant.

Project Name, Number

BERGEN COUNTY UA
340386-06
STP-EDGEWATER

Priority List Rank

108

County

BERGEN

Existing Population

492,140

Service Area

The BCUA currently serves 51 municipalities.

Need for Project

Improvements to the Edgewater Treatment Plant will allow remote monitoring and control from the BCUA's SCADA System, provide cost savings in the operation of the plant, increase reliability and operability of the system, and provide necessary security improvements.

Project Description

The proposed project includes automation upgrades, integration with the BCUA SCADA system, replacement of manual bar screens with mechanical bar screens, repair of UNOX reactors, upgrades to the grit screenings compactor, installation of a redundant disinfection system, and installation of odor controls.

Project Name, Number

BERGEN COUNTY UA
340386-08
STP-LITTLE FERRY

Priority List Rank

109

County

BERGEN

Existing Population

491,140

Service Area

The BCUA currently serves 51 municipalities.

Need for Project

The effluent from the BCUA treatment plant is discharged into the Hackensack River classified as SE waters, which is a tidal estuary below the Oradell Reservoir dam. Water quality in the Hackensack River violates standards for dissolved oxygen, fecal coliform and toxics. Improvements at the treatment plant will increase efficiency.

Project Description

The proposed project includes various improvements at the Little Ferry Water Pollution Control Facility. The improvements include a new centralized polymer building, a new clarified effluent water sysytem, sludge digester system improvements, and second phase security improvements.

Project Name, Number

Priority List Rank

ESSEX UNION JOINT MEETING
340686-06
STP IMPROVEMENTS

110

County

UNION

Existing Population

478,000

Service Area

16 communities in Essex and Union Counties

Need for Project

JMEUC operates a 75 mgd secondary sewage treatment plant. Improvements are needed to enhance plant operation and efficiency.

Project Description

The proposed project includes replacement of pumps and valves as well as upgrades to the service water system.

Project Name, Number

Priority List Rank

GLOUCESTER COUNTY UA

111

340902-05

STP IMPROVEMENTS

County

GLOUCESTER

Existing Population

200,000

Service Area

Clayton Borough, Deptford Twp., Glassboro Borough, Mantua Twp., Monroe Twp., National Park Borough, Paulsboro Borough, Washington Twp., Wenonah Borough, W. Deptford Twp., Westville Borough, Woodbury City, and Woodbury Hts Borough

Need for Project

The improvements will allow GCUA to adequately handle current flows and will increase the efficiency and longevity of the treatment facilities.

Project Description

The proposed improvements to the treatment facility include upgrades to multiple 15kV electrical substations.

Project Name, Number

EVESHAM MUA
340838-03
INFILTRATION BASINS

Priority List Rank

113

County

BURLINGTON

Existing Population

42,275

Service Area

Evesham Township

Need for Project

Evesham MUA needs to construct three new infiltration basins to ensure proper functioning of the treatment system.

Project Description

The proposed project includes construction of three new infiltration basins and extension of the effluent forcemain to the new basins from the existing basins.

Project Name, Number

Priority List Rank

SALEM CITY

115

340235-01

STP, PUMP STATION REPLACEMENTS

County

SALEM

Existing Population

5,857

Service Area

City of Salem

Need for Project

The mechanical bar screen at the treatment plant has reached the end of its useful life and needs to be replaced. Two existing sanitary sewage pumping stations are antiquated and in need of replacement. The replacement of the stations is critical to avoid disruption of sewer service and avoid any potential impact to the environment resulting from failure of the facilities.

Project Description

The project involves the replacement of the bar screen at the treatment plant and replacement of two existing sewage pumping stations.

Project Name, Number

Priority List Rank

WESTERN MONMOUTH COUNTY UA
340128-02
STP IMPROVEMENTS

117

County

MONMOUTH

Existing Population

25,000

Service Area

Townships of Manalapan and Marlboro, the Borough of Englishtown and a portion of the Township of Freehold

Need for Project

The proposed improvements will eliminate the discharge of the chlorination/dechlorination system chemicals into the Pine Brook, which is a FW2-Non-trout waterway tributary to the Matchaponix Brook and is located within the Raritan River basin. Removal of the chemicals associated with the chlorination/dechlorination system will also reduce potential environmental impacts and decrease the total dissolved solids in the effluent.

Project Description

Installation of an Ultraviolet Disinfection (UV) System to treat the effluent of the Pine Brook Treatment Plant located in the Township of Manalapan. The proposed UV is an alternative to the existing chlorination/dechlorination system currently being used at the WMUA prior to discharge. The proposed project will include structural modifications to the existing facility for installation of the new UV equipment, and installation of a new pre-fabricated building to house the equipment and controls.

Project Name, Number

MADISON-CHATHAM JOINT MEETING
340715-04
STP IMPROVEMENTS

Priority List Rank

118

County

MORRIS

Existing Population

23,770

Service Area

Borough of Chatham, Borough of Madison

Need for Project

The majority of the project elements are intended to improve the quality of the wastewater treatment through the replacement of equipment that has reached the end of its useful life. The remaining minor elements are intended to improve operational performance.

Project Description

The proposed improvements at the Molitor Water Pollution Control Facility in Chatham Borough includes replacement of primary digester cover no. 1, primary digester no. 1 and secondary digester cleaning, installation of draft tube mixers on primary digester no. 1, demolition of an existing (abandoned) underground concrete digester tank, control chamber no. 1 isolation valve, new chemical feed system for phosphorus removal and replacement of the sludge piping in the digester building.

Project Name, Number

MAPLE SHADE TOWNSHIP
340710-05
PHOTOVOLTAIC SYSTEM AT STP

Priority List Rank

119

County

BURLINGTON

Existing Population

19,079

Service Area

Township of Maple Shade

Need for Project

This is a green approach for an alternate energy source at various municipal locations within Maple Shade, including the existing wastewater treatment plant.

Project Description

The proposed project includes installation of solar panels at the Wastewater Treatment Plant.

Project Name, Number

BEVERLY SA
340167-01
STP IMPROVEMENTS

Priority List Rank

120

County

BURLINGTON

Existing Population

6,865

Service Area

City of Beverly & Township of Delanco Sewer Service Area

Need for Project

Project required to make necessary upgrades and repairs to existing sewage treatment facility.

Project Description

Project consists of various repairs and upgrades necessary to the existing sewage treatment facility.

Project Name, Number

Priority List Rank

CAMDEN COUNTY MUA

121

340640-10

INTERCEPTOR EXTENSION/STP CLOSURE

County

CAMDEN

Existing Population

508,932

Service Area

Camden County

Need for Project

While the CCMUA's Sicklerville sewage treatment plant does meet its NJPDES permit limits, the permit limits exceed the normal standards required for discharges into the groundwater of the Pinelands National Reserve because the plant happens to be just outside the Pinelands area. Thus, the plant is discharging compliant, treated sewage into the groundwaters of the PNR at levels that are much higher than the normal Pinelands limits. This project will eliminate this discharge and convey the flow to the CCMUA's Delaware No.1 WPCF for treatment.

Project Description

Extension of Camden County MUA's regional sewer system to provide additional sewer service to Berlin Township, Chesilhurst Borough, Pine Hill Borough, Waterford Township and Winslow Township. In addition, this project will result in the elimination of the CCMUA's Sicklerville sewage treatment plant which currently discharges treated sewage into the groundwaters of the Great Egg Harbor River, and the Pinelands National Reserve.

Project Name, Number

Priority List Rank

ATLANTIC COUNTY UA

122

340809-21

FORCE MAIN REPLACEMENT

County

ATLANTIC

Existing Population

250,000

Service Area

The municipalities of Absecon, Brigantine, Egg Harbor City, Egg Harbor Township, Galloway, Hamilton, Linwood, Longport, Margate, Northfield, Pleasantville, Somers Point Ventnor, Port Republic, and Weymouth

Need for Project

The project will replace a deteriorating sewer force main.

Project Description

The New York Avenue and St. James Place Force Main Replacement and Relocation includes replacement of two (2) 36 inch cast iron force mains with high density polyethylene pipe for a distance of approximately 2000 linear feet in Atlantic City from Huron Avenue to the City Island Treatment Plant.

<u>Project Name, Number</u>	<u>Priority List Rank</u>
KEARNY MUA 340259-07 PUMP STATION REHABILITATION	126
<u>County</u>	
HUDSON	
<u>Existing Population</u>	
40,513	
<u>Service Area</u>	
Town of Kearny	
<u>Need for Project</u>	
This project will replace existing pumps and associated equipment to improve operational reliability.	
<u>Project Description</u>	
The proposed project includes improvements to the Authority's Kearny Point Pump Station including new dry-pit submersible pumps, a new pump header sytem and associated work. The project also includes improvements to the Authority's Harrison Ave Pump Station including the installation of a new bar screen unit.	

Project Name, Number

Priority List Rank

ASBURY PARK CITY

129

340883-04

SEWER REHABILITATION

County

MONMOUTH

Existing Population

16,930

Service Area

Asbury Park City

Need for Project

The sanitary and storm sewer systems are over 80 years old and have deteriorated to point where City has between 3 to 5 major sewer repairs per year at a cost of \$10-15,000 each. There are numerous offset joints and cracks in both systems resulting in exfiltration into surrounding soils. Project is intended to replace or reline these systems to mitigate infiltration/inflow (sanitary & storm), sedimentation (storm sewers), and exfiltration (sanitary & storm).

Project Description

The project involves replacement or relining of storm and sanitary sewers in the Springwood Avenue Redevelopment Area and adjacent streets. In addition, the upgrade of the storm sewer system in the Central Business District (CBD) Redevelopment Area is part of the loan request. The latter scope follows replacement of the sanitary sewer system in the CBD which was funded via NJDEP Project No. S340883-02.

Project Name, Number

NORTH WILDWOOD CITY
340663-04
SEWER REHABILITATION

Priority List Rank

132

County

CAPE MAY

Existing Population

5,017

Service Area

North Wildwood City

Need for Project

The sanitary sewer lines are over 60 years old. Many leaking joints have caused sinkhole problems, accelerated street deterioration and results in excessive infiltration and inflow into the City's sewer system. The sewage has the potential to pollute surface water through exfiltration of the sanitary system combined with infiltration into the storm sewer system which discharges to the back bay.

Project Description

The proposed project involves reconstruction and replacement of sewer mains, manholes, and sewer laterals in a forty block area of the City. The project also includes stormwater sewer and bulkhead rehabilitation and construction of a new storm sewer pump station.

Project Name, Number

BRIDGEWATER TOWNSHIP
340638-06
SEWER REHABILITATION

Priority List Rank

133

County

SOMERSET

Existing Population

42,940

Service Area

Township of Bridgewater

Need for Project

The project is for the correction of excessive Infiltration/Inflow.

Project Description

The rehabilitation of the trunk sewers will require grouting and slip-lining the existing pipe. The exact nature and scope of work to be performed will be further defined when a sewer system evaluation survey is completed.

Project Name, Number

LONG BRANCH SA
340336-07
SEWER REHABILITATION

Priority List Rank

134

County

MONMOUTH

Existing Population

31,340

Service Area

City of Long Branch

Need for Project

The proposed project is needed to reduce infiltration/inflow burdening the treatment plant. The project will improve effluent quality during peak flows and reduce the potential of exfiltration.

Project Description

The proposed project consists of the rehabilitation of the Long Branch SA's sanitary sewer collection system. The project includes the replacement of approximately 8,100 LF of sewer lines and 1,000 laterals.

Project Name, Number

PRINCETON SOC
340656-06
SEWER REHABILITATION

Priority List Rank

135

County

MERCER

Existing Population

30,320

Service Area

Princeton Township, Princeton Borough

Need for Project

Rehabilitation of the collection system will reduce the amount of extraneous flow that must be conveyed to the Stony Brook STP.

Project Description

The proposed project includes the rehabilitation and/or replacement of sanitary sewer mains and laterals in addition to the replacement of two major pieces of equipment used to operate and maintain the sewer system.

Project Name, Number

BOUND BROOK BOROUGH
340295-01
SEWER REHABILITATION

Priority List Rank

139

County

SOMERSET

Existing Population

10,155

Service Area

Borough of Bound Brook

Need for Project

Address structural and maintenance problems in order to reduce extraneous infiltration and inflow. The Borough of Bound Brook is bordered on three sides by Middle Brook, the Raritan River and Green Brook.

Project Description

The proposed project includes rehabilitation of approximately 2,200 linear feet of gravity sanitary sewer and sanitary sewer manholes on Vosseller Avenue in the Northwest section of the Borough. Also included is rehabilitation manholes and pipe replacement where required, internal manhole lining of remaining manholes, and internal pipe lining of entire sanitary sewer.

Project Name, Number

Priority List Rank

EDGEWATER BOROUGH

140

340446-11

STORMWATER MANAGEMENT

County

BERGEN

Existing Population

7,677

Service Area

Edgewater Borough

Need for Project

The Borough has a combined sewer system that overflows into the Hudson River during storm events. The project consists of adding additional capacity to a CSO discharge point that currently surcharges during extreme wet weather events.

Project Description

The proposed project includes diverting flow from an 18" line to an existing 48" line to reduce overflows.

Project Name, Number

WILDWOOD CREST BOROUGH
340719-02
SEWER REHABILITATION

Priority List Rank

142

County

CAPE MAY

Existing Population

3,980

Service Area

Borough of Wildwood Crest

Need for Project

The Borough has been experiencing pipe collapses plus other problems due to undersized, tuberculated pipes. Groundwater is infiltrating into the lines and untreated sewage is leaching into groundwater.

Project Description

The proposed project includes the replacement of the entire sanitary and storm sewers along Seaview and Washington Avenues, the extension of six storm sewer outfall lines, and purchase of a new beach tractor and cleaner/rake.

Project Name, Number

CINNAMINSON SA
340170-04
SEWER REHABILITATION

Priority List Rank

145

County

BURLINGTON

Existing Population

14,595

Service Area

Cinnaminson Township

Need for Project

Rehabilitation of lines is needed to ensure the proper functioning of Cinnaminson's collection system.

Project Description

The proposed project includes rehabilitation of approximately 2,400 feet of 20" asbestos cement pipe and 2,100 feet of 15" and 18" Terra Cotta pipe sewer main by cured-in-place liner to re-establish structural integrity.

Project Name, Number

ATLANTIC HIGHLANDS/HIGHLANDS RSA
340857-02
SEWER REHABILITATION

Priority List Rank

148

County

MONMOUTH

Existing Population

10,703

Service Area

Borough of Highlands & Borough of Atlantic Highlands

Need for Project

Rehabilitation of existing force main and pump station to improve system reliability and reduce the possibility of overflows.

Project Description

The proposed project includes rehabilitation of a portion of the Highlands force main and rehabilitation and improvements to the Highlands pump station.

Project Name, Number

HALEDON BOROUGH
340173-01
SEWER IMPROVEMENTS

Priority List Rank

149

County

PASSAIC

Existing Population

8,252

Service Area

Borough of Haledon

Need for Project

The Borough has been experiencing pipe collapses and other problems due to undersized, tuberculated pipes. Groundwater is infiltrating into the lines and untreated sewage is leaching into groundwater.

Project Description

The proposed project includes the upgrade of the sewer system and all appurtenances in the Roe Street area.

Project Name, Number

MANASQUAN RIVER RSA
340911-01
SEWER REHABILITATION

Priority List Rank

151

County

MONMOUTH

Existing Population

5,340

Service Area

Borough of Manasquan

Need for Project

The air release valve assemblies are located on an existing 30-inch diameter DIP wastewater force main which conveys an average of 5 MGD. The force main has been in continuous operation for almost 25 years. In accordance with NJDEP requirements to evaluate the integrity of existing wastewater infrastructure, the MRRSA conducted inspections of the air release valve assemblies and discovered significant corrosion. If any of these air release valve assemblies were to fail, there would be a significant untreated wastewater discharge within the vicinity of an environmentally sensitive area and a commercial corridor. Replacement is necessitated to avoid failure of the force main at these locations. The MRRSA has no other means of conveying wastewater flow from the Upper Manasquan Pump Station.

Project Description

The project involves the replacement of three (3) existing air release valve assemblies on the 30-inch diameter Upper Manasquan Force Main within the Township of Howell. Line stops will be implemented to isolate the force main so that the air release assemblies can be replaced. Inspections of the existing air release assemblies have revealed significant corrosion and replacement is necessary to avoid failure of the force main at these three (3) locations. All work is to be performed within the previously disturbed right-of-way of Casino Drive and NJSH Route 9.

Project Name, Number

SEASIDE HEIGHTS BOROUGH
340236-01
SEWER REHABILITATION

Priority List Rank

153

County

OCEAN

Existing Population

3,155

Service Area

Borough of Cliffside Park

Need for Project

The sanitary sewer replacement and rehabilitation is necessary to reduce infiltration and inflow and to minimize the chance of failure in the system.

Project Description

This project consists of restoring the structural integrity of the service laterals by creating permanent seals with the sewer main to eliminate infiltration.

Project Name, Number

CRANFORD TOWNSHIP
340858-01
I/I CORRECTION

Priority List Rank

155

County

UNION

Existing Population

24,080

Service Area

Township of Cranford

Need for Project

This project is needed because inflow/infiltration of the 75 year old or older sanitary sewer piping systems and interconnection storm water overflows, allow sanitary sewer to flow into the Rahway River untreated, especially during storm events. The river is the drinking water source downstream for Rahway.

Project Description

The proposed project includes reduction of inflow/infiltration into the Rahway River through elimination of 1200 linear feet of old 15" sanitary sewer main, lining of 1,200 linear feet of 8" pipe, lining of 100 vertical feet of manhole, and removing four storm water sanitary sewer cross connections.

Project Name, Number

COLLINGSWOOD BOROUGH
340291-03
PUMP STATION REHAB

Priority List Rank

158

County

CAMDEN

Existing Population

14,326

Service Area

Borough of Collingswood

Need for Project

The Roberts Park Pump Station's wet well and dry well date from 1922 and need to be replaced.

Project Description

The proposed project includes the replacement of existing pumps with self priming pumps and renovations to the wet well.

Project Name, Number

Priority List Rank

MIDDLESEX COUNTY UA

161

340699-07

PUMP STATION REHABILITATIONS

County

MIDDLESEX

Existing Population

750,000

Service Area

Borough of Bound Brook, East Brunswick Sewerage Authority, Township of Edison, Franklin Township Sewerage Authority, Township of Greenbrook, Borough of Highland Park, Borough of Metuchen, Borough of Middlesex, Monroe Township, City of New Brunswick, Borough of Milltown, Township of North Brunswick, Old Bridge Township Sewerage Authority, Township of Piscataway, Borough of North Plainfield, Borough of Watchung, Township of Scotch Plains, City of Plainfield, Borough of Sayreville, Borough of South Bound Brook, Township of South Brunswick, Borough of South Plainfield, Borough of South River, Borough of Spotswood, Borough of Dunellen, Borough of Fanwood

Need for Project

The proposed project will provide the continuing operation of the wastewater pump stations into the future and avoid potential sewage discharges to surface water.

Project Description

This project includes installation of auxillary electrical power generators and related switchgear and equipment at two pump stations.

Project Name, Number

MIDDLESEX COUNTY UA
340699-08
SEWER REHABILITATION

Priority List Rank

161

County

MIDDLESEX

Existing Population

750,000

Service Area

Most of Middlesex County and parts of Somerset and Union Counties

Need for Project

The proposed projects will provide the continuing operation of the wastewater conveyance system into the future and avoid potential sewage discharges to surface water from aging infrastructure.

Project Description

The proposed project includes rehabilitation of the South Bay Interceptor prestressed concrete cylinder pipe gravity line, rehabilitation of the Upper Main Trunk corrugated metal pipe gravity line, rehabilitation and upgrade of the wastewater conveyance system meter chambers, inspection and rehabilitation of the various wastewater conveyance system siphon pipelines, and rehabilitation of the Edison/Millbrook wastewater conveyance system siphon pipeline.

Project Name, Number

Priority List Rank

MIDDLESEX COUNTY UA

161

340699-09

SAYREVILLE PUMP STATION REHAB

County

MIDDLESEX

Existing Population

750,000

Service Area

Borough of Bound Brook, East Brunswick Sewerage Authority, Township of Edison, Franklin Township Sewerage Authority, Township of Greenbrook, Borough of Highland Park, Borough of Metuchen, Borough of Middlesex, Monroe Township, City of New Brunswick, Borough of Milltown, Township of North Brunswick, Old Bridge Township Sewerage Authority, Township of Piscataway, Borough of North Plainfield, Borough of Watchung, Township of Scotch Plains, City of Plainfield, Borough of Sayreville, Borough of South Bound Brook, Township of South Brunswick, Borough of South Plainfield, Borough of South River, Borough of Spotswood, Borough of Dunellen, Borough of Fanwood

Need for Project

The proposed project will provide the continuing operation of the wastewater pump stations into the future and avoid potential sewage discharges to surface water.

Project Description

The MCUA intends to rehabilitate the Original Sayreville Pump Station (OSPS) located near the Raritan River and Washington Canal in Sayreville, NJ. The OSPS was originally constructed in the 1950's, and partially refurbished during construction of the adjacent Sayreville Relief Pump Station (SRPS) in the 1970's. The SRPS was intended as the primary pumping facility with the OSPS intended as supplemental capacity. The rehabilitation work is intended to allow the OSPS to be used under low flow conditions, and will also allow the Authority to take the SRPS out of service to make needed repairs to a portion of the SRPS force main which cannot be isolated when the SRPS is in operation. The proposed rehabilitation will include replacement of various piping, valves, controls, screening equipment, electrical and HVAC components. The proposed rehabilitation will not increase the capacity of the pump station.

Project Name, Number

OCEAN COUNTY UA
340372-38
SEWER REHABILITATION

Priority List Rank

164

County

OCEAN

Existing Population

599,994

Service Area

Ocean County

Need for Project

Concrete interceptor pipes ranging in size from 24" to 54" were constructed in the 1970s and are deteriorating due to hydrogen sulfide attack. The improvements will enhance the Authority's ability to collect and convey wastewater for treatment.

Project Description

The proposed project includes the relining of 794 feet of 27-inch RCP and 4,909 feet of 36-inch RCP. Also included is rehabilitation of manholes as required.

Project Name, Number

OCEAN COUNTY UA

340372-39

SEWER & PUMP STATION REHBILITATION

Priority List Rank

164

County

OCEAN

Existing Population

599,994

Service Area

Ocean County

Need for Project

Concrete interceptor pipes ranging in size from 24" to 54" were constructed in the 1970s and are deteriorating due to hydrogen sulfide attack. The pump station improvement will enhance the Authority's ability to collect and convey wastewater for treatment.

Project Description

The proposed project includes the relining of 1250 feet of 60-inch RCP, and replacement of 50 feet 60-inch RCP, manhole rehabilitation and relining 6,230 feet of 36-inch RCP, and relining 4,200 feet of 8-inch and relining 4,200 feet of 12-inch DIP force main. Rehabilitation at Southern Pump Stations 1,2,3,4,5,6,7,10,12, and 13 includes concrete repairs and coatings, stair and grating replacements, roof replacements, and bubbler system improvements.

Project Name, Number

OCEAN COUNTY UA
340372-43
NORTHERN PUMP STATIONS

Priority List Rank

164

County

OCEAN

Existing Population

599,994

Service Area

17 Municipalities in Ocen County

Need for Project

Northern Pump Station Rehabilitation and Upgrade is intended to improve the reliability of the systems that convey wastewater in the Northern Service Area. This project is designed to avoid potential system failures that could result in harm to the environment arising from system or structural failures. The project is intended to provide improved effluent quality through improvements to the structural integrity of the influent conveyance system as well as improvements to the reliability of these systems.

Project Description

This work involves rehabilitation of the structural, mechanical, and electrical elements of seven Northern Service Area pump stations, located in northern Ocean County. The original pump stations were constructed approximately 30 years ago and many components are nearing the end of their useful service lives. On-going deterioration is affecting the overall performance and efficiency of the stations. Proposed rehabilitation includes repairing or replacing the following components: Concrete surfaces in headworks, wet wells floors, walls, channels, remote radiators, comminutors, aluminum grates and handrails, bypass piping, pump components, ventilation systems, motor control centers, roofing system, and miscellaneous site improvements.

Project Name, Number

Priority List Rank

OCEAN COUNTY UA

164

340372-44

ARERA WIDE INTERCEPTOR REHAB

County

OCEAN

Existing Population

599,994

Service Area

17 Municipalities in Ocen County

Need for Project

Area-Wide Interceptor Rehabilitation is intended to improve the reliability of the systems that convey wastewater in the central and southern service areas. This project is designed to avoid potential system failures that could result in harm to the environment arising from system or structural failures, as well as minimizing infiltration/inflow of ground water. The project is intended to provide improved effluent quality through improvements to the structural integrity of the influent conveyance system as well as improvements to the reliability of these systems. The project does not require the installation of additional wells or increased water usage.

Project Description

This work involves the relining of approximately 3,662 linear feet of 18-inch diameter pre-stressed concrete cylinder pipe (PCCP), 66 linear feet of 20-inch PCCP, 5,670 linear feet of 24-inch diameter PCCP, 5,790 linear feet of 30-inch PCCP and manhole rehabilitation, as required. The two interceptor contracts to be relined were all installed approximately 30 years ago and show noteworthy signs of deterioration. Rehabilitation is required to avoid structural failure and extend the useful life of the interceptors.

Project Name, Number

Priority List Rank

ATLANTIC COUNTY UA
340809-10
SEWER REHABILITATION

171

County

ATLANTIC

Existing Population

250,000

Service Area

The municipalities of Absecon, Atlantic City, Brigantine, Egg Harbor City, Egg Harbor Township, Galloway, Hamilton, Linwood, Longport, Margate, Northfield, Pleasantville, Somers Point and Ventnor.

Need for Project

The roofs on five of ACUA's pump stations are in very poor condition and subject to serious leaks and most be replaced or damage will occur to both the structure and the equipment and could severely effect the flow of influent within the system. Also, due to the excessive wear caused by natural sand, emergency repairs were required on some sections of ACUA's force mains. ACUA intends to investigate its force mains to locate other areas of excessive wear.

Project Description

The proposed project includes the upgrade and repair of five of ACUA's pump stations. ACUA also proposes to repair/replace approximately 5000 linear feet of the existing 30-inch Ventnor/Margate force main.

Project Name, Number

GLOUCESTER COUNTY UA
340902-06
FORCE MAIN IMPROVEMENTS

Priority List Rank

174

County

GLOUCESTER

Existing Population

200,000

Service Area

Clayton Borough, Deptford Twp., Glassboro Borough, Mantua Twp., Monroe Twp., National Park Borough, Paulsboro Borough, Washington Twp., Wenonah Borough, W. Deptford Twp., Westville Borough, Woodbury City, and Woodbury Hts Borough

Need for Project

Emergency force main repairs become costly and are not a solution to the condition causing the deterioration to the invert of the main. The location and timing of a future force main break cannot be predicted to make a preventative measure. It is therefore recommended that the entire force main be replaced or rehabilitated to prevent a continuance of the concentration of force main breaks. Raw sewage or an untreated wastewater spill resulting from a force main break creates a public health, safety and welfare concern in addition to environmental concerns.

Project Description

GCUA owns and operates an 8,000LF force main from their Shoppers Lane pump station. This force main is constructed of Ductile Iron Pipe. There have been several breaks in the force main in approximately the past 24 months. During emergency repairs to the force main, it is learned that the pipe is compromised on the underside. It is the intent of this project to repair and replace the pipe to prevent future breaks and emergency repairs.

Project Name, Number

PLAINFIELD AREA RSA
340949-05
PUMP STATION REHAB

Priority List Rank

176

County

UNION

Existing Population

100,000

Service Area

City of Plainfield, Township of Scotch Plains, Borough of South Plainfield, Borough of Watchung, Borough of Fanwood, Borough of Dunellen, Green Brook Township, North Plainfield Borough, and a portion of Bridgewater Township

Need for Project

These projects are needed to maintain reliable sewage conveyance. These projects will update existing facilities that are no longer reliable. Failure of the existing facilities will result in a large sewage spill.

Project Description

The Plainfield Area Regional Sewerage Authority proposes to construct a pump station to replace the Rock Avenue siphon in Plainfield/North Plainfield and convert one of the existing siphon barrels into a force main. The siphon was constructed circa 1913 and a portion was rebuilt in 1973. The siphon has become problematic and unreliable. The pump station will be sized for a peak flow of 7.0 MGD. One of the existing 20" CIP siphon barrels will be lined with 18" HDPE. The second contract will be to slipline 800 L.F. of 42" diameter RCP with 36" PVC liner. The existing pipe has extensive damage and is in danger of failure.

Project Name, Number

Priority List Rank

HAMILTON TOWNSHIP

177

340898-02

SEWER REHABILITATION

County

MERCER

Existing Population

95,420

Service Area

Hamilton Township

Need for Project

The proposed projects will provide the continuing operation of the wastewater conveyance system into the future and avoid potential sewage discharges to surface water from aging infrastructure.

Project Description

The proposed project includes various projects to clean, inspect, maintain and repair the Hamilton Township sewage treatment system at various locations around the Township.

Project Name, Number

HAMILTON TOWNSHIP

340898-04

HAMILTON AVE. SEWER REHAB

Priority List Rank

177

County

MERCER

Existing Population

95,420

Service Area

Hamilton Township

Need for Project

The concrete trunk sewers are over 50 years old and suffer from hydrogen sulfide damage. They will collapse sometime in the next 50 years if not repaired, resulting in the overflow of raw sewage into the environment and buildings within Hamilton Township.

Project Description

The proposed project includes rehabilitation of sanitary sewers that are over 50 years old. Most of the pipes involved are concrete trunks 39 inches in diameter or less. All the associated man holes, structures and some adjacent contributory pipes will also be refurbished. Total length of pipe involved is about one mile. The majority will be lined. Some spot repairs or pipe replacement may be needed. The pipes involved are mostly under Hamilton Avenue in Hamilton Township.

Project Name, Number

Priority List Rank

HAMILTON TOWNSHIP

177

340898-05

NEWKIRK/WERT SEWER REHAB

County

MERCER

Existing Population

95,420

Service Area

Hamilton Township

Need for Project

The concrete trunk sewers are over 50 years old and suffer from hydrogen sulfide damage. They will collapse sometime in the next 50 years if not repaired, resulting in the overflow of raw sewage into the environment and buildings within Hamilton Township.

Project Description

The proposed project includes rehabilitation of sanitary sewers that are over 50 years old. Most of the pipes involved are concrete trunks 48 inches in diameter or less. All the associated man holes, structures and some adjacent contributory pipes will also be refurbished. Total length of pipe involved is about one half mile. The majority will be lined. Some spot repairs or pipe replacement may be needed. The pipes involved are mostly under Newkirk Avenue and Wert Avenue in Hamilton Township.

Project Name, Number

Priority List Rank

TOMS RIVER MUA

180

340145-01

SEWER REHABILITATION

County

OCEAN

Existing Population

95,000

Service Area

Township of Toms River

Need for Project

Relining of sewer pipes in the Township will prevent future failures and reduce infiltration/inflow. Prevention of I/I will keep sewage from entering local waters and reduce flow to Ocean County's treatment plant.

Project Description

The proposed project includes the relining of sewer pipes, the rehabilitation of manholes and rehabilitation of pump stations.

Project Name, Number

Priority List Rank

ROCKAWAY VALLEY REG SA

181

340756-02

I/I CORRECTION

County

MORRIS

Existing Population

92,180

Service Area

Boonton Town, Boonton Township, Dover Town, Randolph Township,
Denville Township, Rockaway Township, Rockaway Borough, Victory
Gardens Borough, Wharton Borough

Need for Project

Topside visual inspections of manholes along the interceptor sewers have revealed some significant corrosion deterioration. A complete inspection of these sewers is recommended and necessary to make a definitive determination of their condition for subsequent rehabilitation as warranted.

Project Description

Inspection, evaluation, and rehabilitation of the Denville Township, Boonton Township, and the Borough of Boonton portions of the Rockaway Valley Regional Sewerage Authority sanitary interceptor sewer system.

Project Name, Number

Priority List Rank

PARSIPPANY-TROY HILLS TWP
340886-02
PUMP STATION REPLACEMENT

183

County

MORRIS

Existing Population

87,937

Service Area

Parsippany Troy Hills, Mountain Lakes Borough, East Hanover Township

Need for Project

Two 30-year old pump stations will be eliminated. The existing pump station has required a significant amount of maintenance and emergency service. The new pump station will reduce maintenance and increase reliability

Project Description

The proposed project proposes abandoning two existing 30-year-old pump stations and constructing a new station.

Project Name, Number

Priority List Rank

TWO RIVERS WRA

184

340117-04

PUMP STATION UPGRADES

County

MONMOUTH

Existing Population

78,706

Service Area

Eatontown, Fair Haven, Fort Monmouth, Little Silver, Monmouth Beach, Oceanport, Red Bank, Rumson, Sea Bright, Shrewsbury, Shrewsbury Township, a portion of Tinton Falls, West Long Branch

Need for Project

Installation of a bypass connection will allow pump stations to be bypassed in the event of a major equipment failure. Installation of flow meters will allow for the analysis of extraneous flows.

Project Description

The proposed project includes installation of a bypass connections and flow meters at Station 12 and Station 13.

<u>Project Name, Number</u>	<u>Priority List Rank</u>
EAST ORANGE WATER COMMISSION 340843-01 I/I CORRECTION	186

County

ESSEX

Existing Population

77,580

Service Area

City of East Orange

Need for Project

A sewer system evaluation survey recently performed by Elson T. Killam Associates for the Passaic Valley Sewerage Commissioners' service area found excessive infiltration/inflow (I/I) in this municipality's sewer system. Raw sewage overflows were reported to have occurred on area streets.

Project Description

An I/I correction program, which will consist of grouting, slip lining, and repairing/replacing structurally damaged pipes and manholes, will be undertaken to remove the identified excessive I/I.

Project Name, Number

Priority List Rank

CLIFTON CITY

187

340844-02

PUMP STATION REPLACEMENT

County

PASSAIC

Existing Population

76,520

Service Area

City of Clifton

Need for Project

The pump station has reached the end of its useful life.

Project Description

Replacement of an existing sanitary pump station with a new one including wet well, pumps, emergency generator on Martin Avenue in the City of Clifton.

Project Name, Number

Priority List Rank

BRICK TOWNSHIP MUA

189

340448-07

PUMP STATION REHABILITATIONS

County

OCEAN

Existing Population

76,119

Service Area

Brick Township

Need for Project

The Township's pump stations need to be rehabilitated and upgraded for better operation and maintenance and to handle current flows.

Project Description

The proposed project for improvements to pump stations includes wet well rehabilitation, new pumps and controllers, emergency generators, and other improvements.

Project Name, Number

BRICK TOWNSHIP MUA
340448-08
SEWER MAIN

Priority List Rank

189

County

OCEAN

Existing Population

76,119

Service Area

Brick Township

Need for Project

The project will maintain water quality by providing secondary sanitary main for service west of the Garden State Parkway. The existing main is in excess of 30 years old. Failure of the existing main would necessitate emergency repairs, which would cause major traffic disruptions.

Project Description

The proposed project involves construction of a new force main to parallel the one under the Garden State Parkway.

Project Name, Number

Priority List Rank

UNION TOWNSHIP

194

340293-04

INTERCEPTOR REPLACEMENT

County

UNION

Existing Population

54,405

Service Area

Township of Union

Need for Project

The West Branch Interceptor is a major source of SSO discharging into an environmentally sensitive area along Fairway Drive East. Overflows from manholes occur during moderate to heavy rainstorms and discharge sewage into freshwater wetlands and state open waters, i.e., West Branch of the Elizabeth River. Sewer backups into residential basements occur along Fairway Drive South and Evergreen Parkway causing a serious public health risk.

Project Description

The project includes replacement of 2,350 linear feet of 24-inch sanitary sewer along Fairway Drive East in the Township of Union, Union County. The project also includes the elimination of a siphon beneath the West Branch of the Elizabeth River to be replaced with an armored ductile iron pipe installed at the invert of the channel.

Project Name, Number

Priority List Rank

PASSAIC CITY

195

340845-01

I/I CORRECTION

County

PASSAIC

Existing Population

53,960

Service Area

City of Passaic

Need for Project

A sewer system evaluation survey recently performed by Elson T. Killam Associates for the Passaic Valley Sewerage Commissioners' service area found excessive Infiltration/Inflow (I/I) in this municipality's sewer system. Raw sewage overflows were reported to have occurred on area streets.

Project Description

This project consists of the removal and replacement of numerous sections of sanitary sewer piping of varying diameters throughout the City Limits. The City maintains an inventory of deficient areas which note deficiencies relating to alignment, extraneous inflow through joints and cracked pipe sections, broken pipe sections and manholes which have out lived their service life. The City has identified these areas for point repairs, in kind replacement and trenchless lining after conducting extensive televising and cleaning operations over the past five-year period as part of their Sewer O & M Contract. The City also desires to acquire a Jet/Vacuum Truck.

Project Name, Number

Priority List Rank

GLOUCESTER TOWNSHIP MUA
340364-01
PUMP STATION, FORCE MAIN

196

County

CAMDEN

Existing Population

53,800

Service Area

The area north of the N.J. State Highway Route 42 in Gloucester Township

Need for Project

The existing pump station and force main are operating near its capacity and require frequent maintenance. The pump station's present location does not allow for expansion due to environmental constraints and limitations of existing property. The project will allow for future development within the service area and provide emergency backup power. Other improvements to the existing service will also be provided.

Project Description

The project consists of construction of a pump station and associated force main. The proposed pump station will include three (3) submersible pumps within a concrete wetwell. An emergency generator will provide backup power to run the station during periods of electrical outages. A bar screen, odor control and possibly chemical injection to reduce Hydrogen Sulfide generation will be included in the improvements. A building with associated heating, ventilation and electrical work will house the bar screen, generator and controls. All necessary site work and access will also be included. Once the proposed pump station is completed, the existing pump station will have to be dismantled and abandoned. Since the existing pump station site does not have sufficient space, the authority will need to acquire the property located across the N.J. State Highway 168 (Black Horse Pike).

Project Name, Number

FRANKLIN TOWNSHIP SA
340839-05
PUMP STATION REHABILITATIONS

Priority List Rank

197

County

SOMERSET

Existing Population

50,903

Service Area

Franklin Township

Need for Project

The proposed improvements will increase the useful life of the pumping system inside the stations.

Project Description

The proposed project will include Six Mile Run Pump Station VFD and controls upgrades and grinder installation. Upgrade to the Ford and Easton Avenue sewers and the Easton Avenue Pumping Station. Installation of new grinders at the Meadow Avenue Pump Station.

Project Name, Number

CAPE MAY COUNTY MUA
340661-08
SEWER REHABILITATION

Priority List Rank

199

County

CAPE MAY

Existing Population

50,140

Service Area

Wildwood/Lower Region and Seven Mile/Middle Region

Need for Project

External corrosion problems along a section of force main has lead to leaks forcing the need for repairs.

Project Description

The proposed project includes renovation of a force main with the installation of a cured-in-place lining inside the existing force main.

Project Name, Number

Priority List Rank

CAPE MAY COUNTY MUA
340661-11
PUMP STATION REHABS

199

County

CAPE MAY

Existing Population

50,140

Service Area

Wildwood/Lower Region and Seven Mile/Middle Region

Need for Project

The Authority's Pump Stations are approximately twenty-five (25) years old, and substantial rehabilitation is required to maintain their reliability and increase their efficiency.

Project Description

Upgrades at five (5) pump stations are included in this project. Replacement of "hydro viscous" mechanical drives with variable frequency drives at the Rosemary Road Pump. Replacement of manual cleaned bar screen with mechanical grinder at the 39th St Pump Station. Replacement of manual cleaned bar screen with mechanical grinder at the 46th Street Pump Station. Replacement of manual cleaned bar screen with mechanical grinder at the 69th Street Pump Station. Replacement of manual cleaned bar screen with mechanical grinder at the 81 Street Pump Station.

Project Name, Number

CAPE MAY COUNTY MUA
340661-12
AVALON BLVD FORCE MAIN

Priority List Rank

199

County

CAPE MAY

Existing Population

50,140

Service Area

Wildwood/Lower Region and Seven Mile/Middle Region

Need for Project

The water quality based need for this project is to prevent any pollution of the back bay waters due to sewage or effluent leaks as a result of pipe failure. Due to the corrosive soils in this area, the existing pipe has corroded to the point where a high risk for more failures exists.

In the event of a catastrophic failure, sewage being pumped from the barrier islands of Avalon, Stone Harbor, and Sea Isle City would spill directly into the back bay waters, marsh, and Inter-Coastal Waterways which are located directly to the north and south of the force mains. By repairing or replacing the existing force mains, the risks of a force main failure will be virtually eliminated.

Project Description

Sewage from the municipalities of Avalon, Stone Harbor, Sea Isle and parts of Middle Township is transported through two parallel Force Mains that run along side of Avalon Blvd. In addition, the treated effluent from the Authority's Seven Mile/Middle Wastewater Treatment Facility is conveyed from the plant to the Ocean Outfall via a third force main running parallel to the two sewer force mains. All three force mains are 24 inch diameter ductile iron pipe which was installed in the early 1980's. Over the past few months the force mains have experienced two failures due to corrosion. Due to the age and condition of the existing forces mains, the CMCMUA needs to perform major repairs or replacement of the pipe lines.

Project Name, Number

EAST BRUNSWICK SA
340168-01
SEWER SYSTEM REHABILITATION

Priority List Rank

204

County

MIDDLESEX

Existing Population

46,756

Service Area

East Brunswick Township

Need for Project

As a result of the systems age and deteriorated conditions of the ACP, lining the pipes will reduce I&I into the collection sewer system, and decrease operations and maintenance costs. Reconstruction of an existing pump station facility will help comply with NJDEP/OSHA requirements, and facilitate maintenance and increase system's reliability.

Project Description

The proposed project includes rehabilitation of approximately 2900 LF of existing ACP collections sewer by way of lining to provide improved sanitary sewer reliability, reduce I&I into the collection sewer system, and decrease operations and maintenance costs as a result of the system's age. The project also includes reconstruction of an existing pump station and removal of the existing Welsh Pump Station to convey sewage by way of gravity.

Project Name, Number

Priority List Rank

JACKSON TOWNSHIP MUA

205

340953-02

BROOKWOOD III SEWER REPLACEMENT

County

OCEAN

Existing Population

42,816

Service Area

Brookwood III Section of Jackson Township

Need for Project

This project is being undertaken to correct sewer system deficiencies that have led to sanitary sewer overflows.

Project Description

The proposed project includes replacing 988 lf of gravity sewer, which is surcharging and periodically has backed up into homes in the Brookwood III Section of the Township. The project also involves extending a force main 1,953 lf to correct capacity problems on County Line Road, which has caused overflows into a tributary of the Metedeconk River.

Project Name, Number

HACKENSACK CITY
340923-11
EMERGENCY SEWER REPAIR

Priority List Rank

206

County

BERGEN

Existing Population

42,677

Service Area

City of Hackensack

Need for Project

Two collapsed sections of 48" by 54" double brick sewer will necessitate emergency repairs to replace these sections.

Project Description

The proposed project includes the replacement of two collapsed sections of 48" by 54" double brick sewer with 48" RCCP. The emergency sewer repair is located within Anderson Street, between Main Street and Union Street. The project also includes video inspection of the sewer main within Anderson Street from Union Street to Summit Avenue; repairs will be made where necessary.

Project Name, Number

MOUNT LAUREL TOWNSHIP MUA
340943-05
SEWER REHABILITATION

Priority List Rank

207

County

BURLINGTON

Existing Population

40,221

Service Area

Mount Laurel Township

Need for Project

An Infiltration/Inflow Analysis indicated the major areas of I/I problems. These areas have excessive I/I which reduces the capacity of the Sewage Treatment Plant.

Project Description

The proposed project includes the sanitary sewer and manhole rehabilitation and slip lining of existing gravity sewer mains.

Project Name, Number

MONTCLAIR TOWNSHIP
340837-02
SEWER REHABILITATION

Priority List Rank

209

County

ESSEX

Existing Population

38,977

Service Area

Montclair Township

Need for Project

Old and deteriorating pipes are in need of repair.

Project Description

The proposed project includes cured in place lining of the sanitary collection system.

Project Name, Number

Priority List Rank

PENNSAUKEN SA
340349-05
SEWER REHABILITATION

210

County

CAMDEN

Existing Population

35,737

Service Area

Township of Pennsauken

Need for Project

The rehabilitation of the sanitary sewer system componenets and other improvements will ensure that the sanitary sewer system maintains operational reliability, compnent integrity, and permit compliance.

Project Description

The proposed project includes rehabilitation of piping in the PSA conveyance system.

Project Name, Number

NEPTUNE TOWNSHIP

340410-04

I/I CORRECTION

Priority List Rank

211

County

MONMOUTH

Existing Population

34,727

Service Area

Neptune Township

Need for Project

The infiltration/inflow analysis has found that the system is subject to excessive infiltration/inflow (I/I).

Project Description

The project will consist of an I/I correction program that is found to be cost-effective during the Sewer System Evaluation Survey. Common methods of rehabilitation are 1) grouting of joints and cracked pipes; 2) slip-lining of select reaches of sewer; and 3) total replacement of select reaches of sewer.

Project Name, Number

WINSLOW TOWNSHIP
340895-07
SEWER REHABILITATION

Priority List Rank

212

County

CAMDEN

Existing Population

34,611

Service Area

Winslow Township

Need for Project

The project is necessary to correct inflow and infiltration problems within the 27" interceptor and associated manholes.

Project Description

The project includes the correction of inflow and infiltration of the 27" interceptor sewer main, the raising and waterproofing of several manholes and the in-situ lining of the 27" main.

Project Name, Number

GARFIELD CITY
340172-01
SEWER REHABILITATION

Priority List Rank

218

County

BERGEN

Existing Population

29,786

Service Area

City of Garfield

Need for Project

The sanitary sewer replacement and rehabilitation is necessary to reduce infiltration and inflow and to minimize the chance of failure in the system.

Project Description

The proposed project includes replacement of approximately 2,000 L.F. of sanitary sewer, sewer lining of approximately 3,000 L.F. of sanitary sewer mains, and rehabilitation of manholes.

Project Name, Number

Priority List Rank

DEPTFORD TOWNSHIP MUA

221

340066-02

PUMP STATION & COLLECTION SYSTEM UPGRADES

County

GLOUCESTER

Existing Population

26,763

Service Area

Deptford Township

Need for Project

Four of Deptford Township MUA's pump stations need to be replaced and one needs repairs to ensure proper operation. The MUA also needs to install two new pump stations to eliminate flooding that causes excessive inflow and infiltration that cause surcharges. The MUA will also slip line sewer mains to extend their useful life.

Project Description

The proposed project includes replacement of four pumping stations, installation of two new pumping stations, and repair of one pumping station. The project also includes slip lining of sewer mains.

Project Name, Number

RAHWAY CITY
340546-02
SEWER REHABILITATION

Priority List Rank

222

County

UNION

Existing Population

26,500

Service Area

City of Rahway

Need for Project

During heavy rainfall events, the Dock Street Pump Station cannot keep up with the flow coming into the station due to significant inflow causing sewer back-ups and basement flooding. The existing pumps must be rehabilitated for them to operate at their original design flow and head pressures. An overflow sewer will be constructed to relieve backups during storm events. A stormwater system that is still connected to the sanitary system will be separated to decrease inflow into the sanitary system.

Project Description

The proposed project includes the upgrade of the Dock Street Pump Station, construction of an 18" overflow sewer, and separation of the storm sewer from the sanitary sewer at Parking Lot B.

Project Name, Number

BERGENFIELD BOROUGH
340378-02
SEWER REHABILITATION

Priority List Rank

223

County

BERGEN

Existing Population

26,247

Service Area

Borough of Bergenfield

Need for Project

The project is needed to help reduce the Borough's current I/I issues. Inflow and Infiltration contribute to sanitary sewer overflow conditions as well as surcharge of the system. Due to the influx of additional unanticipated flow the sanitary sewer system becomes overloaded and fails due to capacity constraints. By repairing the worst section of the system as noted from Borough inspections and maintenance programs, this will be a significant first step in reducing I/I in the Borough of Bergenfield.

Project Description

The Borough in an effort to combat an ever-growing Inflow and Infiltration (I/I) problem with its sanitary sewer system intends to rehabilitate approximately 10,000 to 12,000 linear feet of existing vitrified clay sanitary sewer main which is approximately 80 years old. The Borough plans to use trenchless technology, specifically Cast-In-Place-Pipe (CIPP) slip-lining to reestablish the integrity of the sanitary sewer main specified. The Borough is comprised of approximately 300,000 linear feet of piping and this represents approximately 5% of the total piping deemed most urgent through the Borough's preventative maintenance and inspection program. In addition to the piping rehabilitation, the Borough plans to rehabilitate approximately 30 manhole structures by means of repairing larger cracks with cementitious repair mortars followed by epoxy coating of the interior of the structures. It is assumed that I/I in the sanitary manholes contribute up to approximately 30% of the I/I problems faced by the Borough. The final facet of the project includes the furnishing and installing of approximately 30 area velocity flow meters throughout the Borough to implement a flow monitoring program in an effort to continually pinpoint areas throughout the Borough which require addition rehabilitation work.

Project Name, Number

LODI BOROUGH
340317-02
SEWER REHABILITATION

Priority List Rank

226

County

BERGEN

Existing Population

23,971

Service Area

Borough of Lodi

Need for Project

The proposed project will remove an existing inverted siphon which clogs regularly causing significant sewage backups. The sanitary relining will eliminate inflow and infiltration of groundwater into the system and leakage of sewage out of the system. The project also proposes locking watertight frames and covers to protect the system which is located in the floodplain.

Project Description

The proposed project includes lining of antiquated lines. All sewer manholes, inlets, services, piping, and other appurtenances will be replaced to promote full functioning sewer systems. Locking watertight frames and covers will be installed.

Project Name, Number

Priority List Rank

GALLOWAY TOWNSHIP

228

340892-04

PUMP STATION REHAB

County

ATLANTIC

Existing Population

23,330

Service Area

Galloway Township

Need for Project

Currently, pump stations are experiencing significant clogging caused by solids too large for the existing pumps to handle. The proposed grinders will help eliminate the clogging by reducing the size of solids before entering the wet well.

Project Description

The proposed project includes installation of hydraulic grinder units in the existing wet wells of three pump stations.

Project Name, Number

CUMBERLAND COUNTY UA
340550-05
UPPER DEERFIELD FORCE MAIN

Priority List Rank

229

County

CUMBERLAND

Existing Population

22,790

Service Area

Upper Deerfield, Deerfield, Hopewell, and Fairfield Townships and the City of Bridgeton

Need for Project

The existing ductile iron main has necessitated numerous emergency repairs in various locations along the main due to extensive deterioration of the pipe walls. The plan is to replace the entire length with PVC main, which is resistant to the negative effects of the sewer gases that deteriorated the ductile iron pipe.

Project Description

The proposed project includes the replacement of approximately 3 miles of existing sewage force main which is the sole conveyance pipe for transmitting sewer flow from Upper Deerfield Township to the regional sewer authority plant.

Project Name, Number

MEDFORD TOWNSHIP
340346-06
SANITARY SEWER LINING

Priority List Rank

231

County

BURLINGTON

Existing Population

22,253

Service Area

Medford Township

Need for Project

The project is required to reduce the amount of stormwater inflow and infiltration into the sanitary sewer collection system.

Project Description

Project consists of sanitary sewer lining of ACP trunk sewer lines.

Project Name, Number

LONG HILL TOWNSHIP
340404-07
PUMP STATION REHABS

Priority List Rank

232

County

MORRIS

Existing Population

21,796

Service Area

Township of Long Hill

Need for Project

The Township propose various electrical, structural, and mechanical improvements at five of its existing pump stations to ensure proper function and reliability.

Project Description

The proposed project includes the replacement of existing pumps, comminutors, control panels and other alternate sources of power at five pump stations. Also included are structural modifications to existing dry/wet wells, floor slabs and hatch openings, and other miscellaneous improvements.

Project Name, Number

MOUNT HOLLY MUA
340817-04
PUMP STATION UPGRADE

Priority List Rank

238

County

BURLINGTON

Existing Population

21,189

Service Area

Lumberton Township

Need for Project

An existing pump station in Lumberton must be upgraded to operate during 100 year flood conditions, to meet future demands, and to improve operation and ease maintenance.

Project Description

The project includes construction of a 1,870 gpm submersible pumping station at the site of the existing pumping station in Lumberton Township and construction of an emergency pump system located north of the existing pumping station to provide service during power outages and flood conditions.

Project Name, Number

MONTVILLE TOWNSHIP
340931-03
SEWER REHABILITATION

Priority List Rank

239

County

MORRIS

Existing Population

20,839

Service Area

Montville Township

Need for Project

This project will maintain the integrity of the existing 40 year old interceptor and thereby prevent outflow of raw sewage into the adjacent Rockaway River.

Project Description

The proposed project involves the installation of either fiberglass or carbon fiber lining in 10,200 linear feet of sanitary sewer interceptor.

Project Name, Number

Priority List Rank

CARTERET BOROUGH

240

340939-05

PS/SEWER REHABILITATION

County

MIDDLESEX

Existing Population

20,709

Service Area

Borough of Carteret

Need for Project

Improve public health and safety. Address improvements to existing aged infrastructure which will reduce infiltration/inflow into the existing system. The existing Sewage Pumping Station located on Roosevelt Avenue receives all sewage from the Borough and transmits it to Woodbridge Township for conveyance to MCUA. During wet weather conditions, surcharging of the pump station and interceptor occur upstream of the system. The NJ Turnpike Crossing project will allow the Borough to provide a backup sewer for a critical point in their collection system.

Project Description

The Borough proposes to replace the existing sewage pumps and enlarge the wet well, as well as, provide a new 2500 LF parallel sewer interceptor along Roosevelt Avenue. The Borough has an existing 24" interceptor that crosses the NJ Turnpike transmitting flow from West Carteret to the main Pump Station. The proposed project includes installation of a new parallel 30" interceptor and casing pipe via jack and bore method (to serve as a future backup line) and lining of the existing 24" interceptor. Also included are installation of diversion chambers and associated manholes as needed.

<u>Project Name, Number</u>	<u>Priority List Rank</u>
BURLINGTON TOWNSHIP 340712-08 SEWER MAIN REPLACEMENT	242
<u>County</u>	
BURLINGTON	
<u>Existing Population</u>	
20,295	
<u>Service Area</u>	
Burlington Township	
<u>Need for Project</u>	
Aging sewer lines and appurtenances are in need of rehabilitation/repair.	
<u>Project Description</u>	
The proposed project includes rehabilitation of sanitary sewers on Salem Road, High Street, Cleveland Avenue, Shawn's Way and Lake Avenue. The work will include cured-in-place lining, pipe bursting, lateral repair/reconnection and manhole rehabilitation.	

Project Name, Number

Priority List Rank

MUSCONETCONG SA

243

340384-08

SEWER, PUMP STATIONS REHABILITATION

County

MORRIS

Existing Population

20,000

Service Area

Borough of Netcong, Borough of Stanhope, Borough of Mount Arlington, Borough of Hopatcong, and portions of Mount Olive Township (including the International Trade Center), Roxbury Township and Byram Township.

Need for Project

The Musconetcong Sewerage Authority's sewer system has been built in stages from the late 1960s. This project consists of rehabilitation and repair where needed.

Project Description

The proposed project includes cleaning & television inspection of MSA owned interceptors (Roxbury, Netcong, Stanhope (approx. 17,000 l.f.) with manhole rehabilitation as required; upgrade of controls and VFD's for MSA Pump Station Nos. 2, 3, and 4 including emergency bypass connection, wet well in-line grinders and swing arm hoist assemblies at each submersible pump station; upgrade and replacement of the Byram/Stanhope Regional Pumping Station (MSA P.S. No. 6) (Incl. USEMCO Elite Pump Station); upgrade of pumping capacity at MSA P.S. No. 5 to accommodate Parker Circle/Southland Road Development including wet well in-line grinder and swing arm hoist; and purchase of a trailer mounted Jetter.

Project Name, Number

WEST DEPTFORD TOWNSHIP
340947-04
PUMP STATION UPGRADES

Priority List Rank

244

County

GLOUCESTER

Existing Population

19,638

Service Area

West Deptford Township

Need for Project

The three existing pump stations are submarine style stations that were built in the early 1970s. The stations are proposed be replaced with suction lift stations to remove the need for Township workers to enter confined spaces for maintenance work that becomes increasingly necessary as the stations age. The new stations would have backup generators, where none currently exist. Currently, extended power outages cause failures of the station and create a backup of sewage to the local residents.

Project Description

Replace existing pump station number one located at Grove and Cumberland; pump station number six located at the corner of Prince and Linden; and pump station ten located on the north side of Crown Point Road, west of its intersection with Church Street.

<u>Project Name, Number</u>	<u>Priority List Rank</u>
NORTH ARLINGTON-LYNDHURST JT MTG 340426-07 PUMP STATION REHABILITATION	245

County

BERGEN

Existing Population

19,383

Service Area

Portions of the Borough of North Arlington and Township of Lyndhurst

Need for Project

Upgrading the equipment in the pump stations will greatly reduce the chance of a sewage overflow and potential water contamination. In-line storm sewer and sanitary pipe improvements would reduce all types of inflow/infiltration increasing system capacity. Outfall improvements will reduce erosion and stream degradation.

Project Description

This proposed project includes upgrades to two sanitary pumping stations and one storm sewer station. The project also includes storm and sewer pipe rehabilitation, and outfall improvements.

Project Name, Number

LYNDHURST TOWNSHIP
340426-08
PUMP STATIONS REHABILITATION

Priority List Rank

245

County

BERGEN

Existing Population

19,383

Service Area

Portions of the Borough of North Arlington and Township of Lyndhurst

Need for Project

Upgrading the equipment in the pump stations will greatly reduce the chance of a sewage overflow and potential water contamination. In-line storm sewer and sanitary pipe improvements would reduce all types of inflow/infiltration increasing system capacity. Outfall improvements will reduce erosion and stream degradation.

Project Description

This proposed project includes upgrades to two sanitary pumping stations and one storm sewer station. The project also includes storm and sewer pipe rehabilitation, and outfall improvements.

Project Name, Number

MAPLE SHADE TOWNSHIP
340710-04
SEWER REHABILITATION

Priority List Rank

247

County

BURLINGTON

Existing Population

19,079

Service Area

Township of Maple Shade

Need for Project

Replacement of deteriorating sewer and manholes will ensure serviceability and capacity in handling peak flows.

Project Description

The proposed project involves replacement of 300 feet sewer pipe and two manholes.

Project Name, Number

MAPLE SHADE TOWNSHIP
340710-06
SEWER REHABILITATION

Priority List Rank

247

County

BURLINGTON

Existing Population

19,079

Service Area

Township of Maple Shade

Need for Project

Replacement of deteriorating sewer and manholes will ensure serviceability and capacity in handling peak flows.

Project Description

The proposed project involves replacement of 300 feet of sewer pipe and two manholes.

Project Name, Number

ELMWOOD PARK BOROUGH
340863-01
I/I CORRECTION

Priority List Rank

250

County

BERGEN

Existing Population

18,925

Service Area

Borough of Elmwood Park

Need for Project

A sewer system evaluation survey recently performed by Elson T. Killam Associates for the Passaic Valley Sewerage Commissioners' service area found excessive infiltration/inflow (I/I) in this municipality's sewer system.

Project Description

An I/I correction program, which will consist of grouting, slip lining, and repairing/replacing structurally damaged pipes and manholes will be undertaken to remove the identified excessive I/I.

Project Name, Number

BRIDGETON CITY
340829-02
SEWER REHABILITATION

Priority List Rank

251

County

CUMBERLAND

Existing Population

18,760

Service Area

City of Bridgeton

Need for Project

The majority of the sanitary sewers in the City of Bridgeton were installed between 1880 and 1954 and are now in need of repair and rehabilitation to maintain the integrity of the system as well as protect the public health.

Project Description

The proposed project includes the removal and replacement of deteriorating gravity sanitary sewer main, manholes, laterals and replacement of existing concrete sidewalk, curbing and roadway. The gravity sanitary sewer line will be eight-inch diameter PVC pipe and the sanitary sewer manholes will be precast concrete.

Project Name, Number

HAWTHORNE BOROUGH
340881-04
FORCE MAIN REPLACEMENT

Priority List Rank

253

County

PASSAIC

Existing Population

18,218

Service Area

Borough of Hawthorne

Need for Project

The existing force main is aging and reaching its capacity in specific locations. Also, the sanitary sewer replacement and rehabilitation is necessary to reduce infiltration and inflow and to minimize the chance of failure in the system

Project Description

This project consists of the removal of existing aging 5" force main sanitary sewer in the vicinity of Goffle Road. It is to be replaced with approximately 2000 LF of 8" force main and 500 LF of 4" force main, where applicable.

Project Name, Number

RUTHERFORD BOROUGH
340192-01
SEWER REHABILITATION

Priority List Rank

254

County

BERGEN

Existing Population

18,110

Service Area

Borough of Rutherford

Need for Project

The sanitary sewer replacement and rehabilitation is necessary to reduce infiltration and inflow and to minimize the chance of failure in the system.

Project Description

The project consists of televising and clearing of numerous sections of sanitary sewer piping of various diameter throughout the Borough and then identifying deficient areas for point repairs, in kind replacement, or trenchless lining.

Project Name, Number

NEW MILFORD BOROUGH
340177-01
SEWER REHABILITATION

Priority List Rank

258

County

BERGEN

Existing Population

16,400

Service Area

Borough of New Milford

Need for Project

The sanitary sewer replacement and rehabilitation is necessary to reduce infiltration and inflow and to minimize the chance of failure in the system.

Project Description

The project consists of televising and clearing of numerous sections of sanitary sewer piping of various diameter throughout the Borough and then identifying deficient areas for point repairs, in kind replacement, or trenchless lining.

Project Name, Number

Priority List Rank

RAMSEY BOARD OF PUBLIC WORKS

264

340207-01

PUMP STATION REPLACEMENT

County

BERGEN

Existing Population

14,351

Service Area

Borough of Ramsey

Need for Project

The existing sanitary sewage pumping station is antiquated and is in need of replacement. There will be no increase in capacity as a result of this project. The replacement of the station is critical to avoid disruption of sewer service and avoid any potential impact to the environment resulting from failure of the facility.

Project Description

The project involves the replacement of an existing sewage pumping station on Brookfield Lane, Borough of Ramsey.

Project Name, Number

Priority List Rank

EATONTOWN SA

267

340136-01

SEWER REHABILITATION, PUMP STATION UPGRADES

County

MONMOUTH

Existing Population

14,008

Service Area

Borough of Eatontown

Need for Project

Improvements to the sewer system will reduce inflow and infiltration and improve system operation.

Project Description

The proposed collection system improvements include repair and/or replacement of existing mains and manholes, replacement of one pumping station, and improvements to eight other pumping stations.

Project Name, Number

ROSELLE PARK BOROUGH
340234-01
SEWER REHABILITATION

Priority List Rank

268

County

UNION

Existing Population

13,281

Service Area

Borough of Roselle Park

Need for Project

A 15" vitrified clay pipe has been cracking and failing. It will be abandoned and flows transferred to an existing 24' line.

Project Description

The proposed project consists of abandoning a 15" line, transferring flows to a 24' line and relining or repairing the 24" line to eliminate infiltration/inflow.

Project Name, Number

VENTNOR CITY
340241-01
SEWER REHABILITATION

Priority List Rank

270

County

ATLANTIC

Existing Population

12,910

Service Area

City of Ventnor City

Need for Project

An underwater sewer pipe was installed in 1927. A hole in the pipe was discovered in late 2008, which emptied sewer effluent into a tidal water body. A temporary bypass system was installed, but is under stress.

Project Description

The proposed project includes the removal and replacement of 220 feet of underwater 30" ductile iron sanitary sewer siphon on existing timber cradle.

Project Name, Number

HADDONFIELD BOROUGH
340220-01
SEWER REHABILITATION

Priority List Rank

274

County

CAMDEN

Existing Population

11,659

Service Area

Borough of Haddonfield

Need for Project

Various water quality-based needs for the projects will be addressed, including the removal of several existing potential cross-connections (Tanner St), reducing I/I (Woodland Ave and Coles Mill Pump Station Phase I), and the elimination of potential pump station overflows that would drain to adjacent waterways (Elm Ave Pump Station).

Project Description

The 2009 Sanitary and Storm Sewer Replacement Project includes the following projects:
Tanner Street - Replace existing clay sanitary sewer and brick storm sewer to remove cross-connections;
Woodland Ave - Replace existing clay sanitary sewer and install new storm sewer/sump pump collector;
Coles Mill Pump Station Replacement Phase I - install new PVC sanitary sewer connection to regional sewer authority to eliminate one (1) existing sanitary sewer pump station;
Station Ave - Replace existing damaged clay sanitary sewer; and
Elm Ave Pump Station - Install an emergency by-pass pump to prevent sanitary sewer overflows.

Project Name, Number

BRIGANTINE CITY

340827-03

SEWER REHABILITATION/EQUIPMENT

Priority List Rank

276

County

ATLANTIC

Existing Population

11,354

Service Area

City of Brigantine

Need for Project

The sewer mains selected for replacement have been identified as in need of immediate replacement in a 2003 inflow and infiltration study. The selected locations show significant amount of infiltration and system failure such as longitudinal and circular cracks.

Project Description

The proposed project involves removal and replacement of sanitary sewer main and appurtenances. The project also includes purchase of a street sweeper, two beach sweepers and a loader.

Project Name, Number

WEST CALDWELL TOWNSHIP
340200-01
PUMP STATION UPGRADE

Priority List Rank

277

County

ESSEX

Existing Population

11,233

Service Area

Township of West Caldwell

Need for Project

While currently operating normally, with no support for the pumping controls and software, any failure will result in the manual operation of this station and the need for an emergency contract to bring this facility back on line. The installation of the grinder in the wet well headworks will reduce, if not eliminate the current matting problem and subsequent pump clogging, significantly extending the working life of the submersible pumps and extending the scheduled maintenance intervals of the pumps.

Project Description

The Kirkpatrick Sanitary pumps stations, located on Kirkpatrick Drive, near the intersection of Bloomfield Avenue and Passaic Avenue, initially constructed in 1958, was last rehabilitated in 1990 and conveys approximately 1.3 MGD. The station controls and software installed in 1990 are no longer supported by the company that installed them. The Township needs to upgrade these outdated controls and software. The existing submersible pumps are not as efficient as the newer pump designs, are now approaching the end of their design life at 20 years old and obtaining replacement parts is becoming more difficult and costly. The pumps have been rebuilt to various degrees several times since the 1990 rehabilitation work. Recently, there have been conditions in the wet wells where the solids have been matting and causing subsequent pump clogs. The Township seeks to install a 'Muffin Monster' grinder at the station headworks to address this matting problem.

Project Name, Number

SOMERS POINT CITY
340618-01
I/I CORRECTION

Priority List Rank

278

County

ATLANTIC

Existing Population

11,220

Service Area

Somers Point City

Need for Project

The sewer mains identified are either cracked or are experiencing excessive spalling, have settled or have sagged sections creating back-pitched areas where septic conditions and blockages frequently occur, and have excessive ground water infiltration.

Project Description

Slip lining of 3,508 LF of 30-inch RCP; 2,225 LF of 24-inch RCP; 3,349 LF of 12-inch VCP, and the replacement of 781 LF of 8-inch VCP & PVC; 600 LF of 8-inch ACP; 321 LF of 8-inch VCP.

Project Name, Number

WESTWOOD BOROUGH
340862-02
SEWER MAIN REPLACEMENT

Priority List Rank

280

County

BERGEN

Existing Population

10,999

Service Area

Westwood Borough

Need for Project

Westwood Borough's 80 year old sewer line has moved during significant rain events and reservoir releases causing cracking and streambank erosion where the line crosses Pascack Brook, a Category 1 Surface Water Body.

Project Description

The proposed project includes replacement in-kind of the damaged sewer line along with streambank stabilization to protect the line from future damage.

Project Name, Number

LITTLE FALLS TOWNSHIP

340716-06

PUMP STATION IMPROVEMENTS

Priority List Rank

282

County

PASSAIC

Existing Population

10,855

Service Area

Little Falls Township

Need for Project

The Fairfield Avenue Pump Station suffers from inadequate pumping capacity, the existing elevation of the pump station operating floor is below flood level and modifications to the collection system immediately adjacent to the pump station are required. The proposed project will assist in the prevention of street flooding, will protect the Fairfield Avenue Pump Station and its equipment from flooding, reduce station maintenance and provide for increased capacity and redundancy and adequate emergency power.

Project Description

The Township intends to complete an improvement project that includes elevating the station pump room floor, adding additional pumping capacity with standby power, modifications to the collection system immediately adjacent to the pump station, and the addition of an automatic trash rack for debris.

Project Name, Number

POMPTON LAKES BOROUGH MUA
340636-05
PUMP STATION, SEWER REHABILITATION

Priority List Rank

286

County

PASSAIC

Existing Population

10,539

Service Area

Pompton Lakes Borough

Need for Project

The South Pumping Station is in need of upgrades to ensure working capability. The interceptor into the North Pumping Station has been subject to blockages and repairs over the years and is need of lining or replacement.

Project Description

The proposed project to improve the South Pump Station includes replacement of the influent grinder, replacement of the spiral stairs with conventional stairs, and replacement of the automatic transfer switch. The proposed project also includes repairs, lining and replacement of an interceptor line.

Project Name, Number

NORTHWEST BERGEN COUNTY UA
340700-09
PUMP STATION, FORCE MAIN

Priority List Rank

288

County

BERGEN

Existing Population

10,422

Service Area

Boroughs of Franklin Lakes

Need for Project

The project will allow for the shut down of six package wastewater treatment plants that currently discharge to groundwater. In addition, groundwater quality will be improved through the elimination of existing individual subsurface disposal systems.

Project Description

This proposed project includes construction of a pump station, installation of 11,000 LF of 8" sanitary sewer and 12,800 LF of 6" force main.

Project Name, Number

FAIRVIEW BOROUGH
340517-01
I/I CORRECTION

Priority List Rank

289

County

BERGEN

Existing Population

10,340

Service Area

Borough of Fairview

Need for Project

BCUA has completed an Infiltration/Inflow (I/I) analysis and Sewer System Evaluation Survey which has identified excessive I/I within the Borough's sewer system and proposed an I/I correction program to eliminate a portion of these extraneous I/I flows.

Project Description

This proposed project may include the grouting and sealing of leaking manholes and sewer lines, repair or adjustments of defective manhole covers, and other minor rehabilitation measures.

Project Name, Number

Priority List Rank

CHATHAM BOROUGH
340403-06
SEWER REHABILITATION

290

County

MORRIS

Existing Population

10,086

Service Area

Chatham Township

Need for Project

As part of an investigative sanitary sewer study it was discovered that the sanitary sewer system backs up into homes located within the vicinity of the Wilson Street/Roosevelt Avenue intersection. After capacity is reached, the sanitary overflows into the storm drainage system, thus causing a cross contamination concern. The proposed parallel sanitary line will provide for adequate capacity and will alleviate the homeowner back ups and cross contamination with the storm sewer system that has been occurring.

Project Description

An investigative sanitary sewer study for the Wilson Street and Roosevelt Avenue Area was prepared for the Borough by Maser Consulting P.A. in August 2008. The sanitary sewer consistently flows 3/4 full with backups of the sanitary sewer system occasionally occurring to the area's homeowners. Capacity, infiltration and the potential of cross contamination with the storm sewer system has become a critical concern. The Borough desires to eliminate these concerns and provide adequate services to the residence.

Project Name, Number

WALDWICK BOROUGH
340195-01
SEWER REHABILITATION

Priority List Rank

292

County

BERGEN

Existing Population

9,622

Service Area

Borough of Waldwick

Need for Project

The sanitary sewer replacement and rehabilitation is necessary to reduce infiltration and inflow and to minimize the chance of failure in the system.

Project Description

The project consists of televising and clearing of numerous sections of sanitary sewer piping of various diameter throughout the Borough and then identifying the deficient areas for point repairs, in kind replacement or trenchless lining.

Project Name, Number

MAYWOOD BOROUGH
340226-01
SEWER REHABILITATION

Priority List Rank

293

County

BERGEN

Existing Population

9,523

Service Area

Borough of Maywood

Need for Project

Improvements to the sanitary and storm systems are needed to ensure reliability and efficiency.

Project Description

The proposed project includes abandonment of the Spring Valley Avenue Pump Station and construction of a pipe to connect to an adjacent Borough of Paramus line. The project also includes rehabilitation of pipes through lining, rehabilitation of manholes, and upgrades to the stormwater system.

Project Name, Number

ORADELL BOROUGH
340835-02
SEWER REHABILITATION

Priority List Rank

296

County

BERGEN

Existing Population

8,470

Service Area

Oradell Borough

Need for Project

Pipe replacement and pipe lining will help reduce Infiltration/Inflow and minimize failure of the sanitary sewer system.

Project Description

The proposed project includes replacement of approximately 1,000 L.F. of sanitary sewer and lining of approximately 1,500 L.F. of sanitary sewer, manhole rehabilitation, and chemical treatment of roots.

Project Name, Number

Priority List Rank

BORDENTOWN SA
340219-02
SEWER REHABILITATION

297

County

BURLINGTON

Existing Population

8,380

Service Area

Township of Bordentown

Need for Project

Pump station upgrades and rehabilitation of lines are needed to ensure the proper functioning of BSA's collection system.

Project Description

The proposed project includes adding an additional wet well to a pump station, repairing collection lines with sliplining or replacement, modifying flush tank manholes, and repairing two pump station roofs.

Project Name, Number

NORTH HALEDON BOROUGH
340229-01
PUMP STATION REHABILITATION

Priority List Rank

300

County

PASSAIC

Existing Population

7,920

Service Area

Borough of North Haledon

Need for Project

The project is needed to continue to provide adequate pumpage of sanitary sewer effluent to the Passiac Valley Sewerage Authority treatment plant. The repairs to the concrete holding tank and walkways will help to ensure that leakage of sanitary sewerage is not permeated into the soil from existing cracks in the structure as well as ensure a safe working environment for sewer department personnel. The mechanical equipment replacement represents a move towards more efficient state-of-the-art equipment as well as replacement of current inoperable equipment. Finally the roof replacement represents an investment in protecting the existing and proposed replacement equipment within the existing pump station structure as well as providing a safe, comfortable work location for the sewer department personnel.

Project Description

The Molly Ann Pump Station rehabilitation project consists of both structural repairs to the pump station building and reinforced concrete holding tanks as well as mechanical replacement of outdated and inoperable equipment. Specifically the project includes structural concrete crack repair to Holding Tank # 3 and the catwalks and access landings to Holding Tank Nos 1-4 as well as the replacement of the original rubberized roof of the pump station building. In addition the project entails the replacement of the existing aerator units located in Holding Tank Nos 1-4 which have become inoperable and are in need of replacement. The project also includes the replacement of the three (3) existing vertical pumps with dry well submersible type due to advancements in technology and efficiency. All three new pump installations will be controlled by updated variable frequency drives (VFD).

Project Name, Number

GLEN RIDGE BOROUGH
340861-01
I/I CORRECTION

Priority List Rank

301

County

ESSEX

Existing Population

7,870

Service Area

Borough of Glen Ridge

Need for Project

Deteriorating pipes and manholes are in need of repair.

Project Description

The proposed project includes the replacement of 1730 linear feet of 8" sanitary sewer and 11 manholes and reconnection of 32 laterals.

Project Name, Number

Priority List Rank

EDGEWATER PARK SA

303

340108-02

PUMP STATION, SEWER REHAB

County

BURLINGTON

Existing Population

7,864

Service Area

Edgewater Park Township

Need for Project

Improvements to pumping stations are needed since many pumps are close to their end-of-service life, which could result in failure of the pump station to perform its required function. In other cases, the pump station upgrades consists of the installation of an emergency generator to ensure continued operation during emergencies. In the absence of reliable emergency generators, certain pump stations will be non-functional until power can be restored. There are a few stations in which the upgrade is limited to security and screening improvements. Deferred this project could result in operational problems, particularly during emergencies when power outages may occur. If the pump stations are not upgraded the consequences to the public health and safety could be substantial.

Deferred maintenance of sewer mains could result in operational problems and the need for temporary bypasses during system failure. If the conveyance system is allowed to fail, the consequences to the public health and safety could be substantial.

Project Description

The proposed project includes pump station upgrades to improve the efficiency and reliability of the pump stations, installation of emergency generators to improve the reliability of the conveyance system, and replacement of sewer mains that are not functioning properly.

Project Name, Number

CARNEYS POINT TOWNSHIP SA
340502-06
PUMP STATION REHABILITATION

Priority List Rank

304

County

SALEM

Existing Population

7,684

Service Area

Carneys Point Township

Need for Project

Rehabilitation of the Plant Road Stormwater Pump Station will reduce flooding and the potential for sewage discharges. It will also restore facility performance at the pump station to appropriate design and safety standards.

Project Description

The proposed project includes repair or replacement of piping, pumps, motors, valves, castings, wiring/instrumentation, wet/dry wells, and station ventilation systems. The project also includes repair of erosion around discharge, removal of the discharge pad and installation of sheet piles to create a bulkhead.

Project Name, Number

EDGEWATER BOROUGH
340446-12
SEWER REHABILITATION

Priority List Rank

304

County

BERGEN

Existing Population

7,677

Service Area

Borough of Edgewater

Need for Project

The purpose of the project is to avoid future collapses, roadway damage, sanitary sewer back-ups into residences and overflows over land.

Project Description

The proposed project includes sanitary point repairs throughout the northern portion of the Borough, including manhole repairs.

Project Name, Number

BARRINGTON BOROUGH
340305-02
SEWER REHABILITATION

Priority List Rank

307

County

CAMDEN

Existing Population

7,084

Service Area

Borough of Barrington

Need for Project

The Borough of Barrington's sanitary sewer collection system is known to experience excessive amounts of infiltration and inflow. Municipal pump stations operate continuously during times of inclement weather and when the groundwater table is high.

Project Description

The proposed includes the replacement and slip lining of sanitary sewer mains in the Old Gardens section of the Barrington Borough. The project also includes the abandonment of the Willows Pump Station.

Project Name, Number

MIDLAND PARK BOROUGH
340227-01
SEWER REHABILITATION

Priority List Rank

308

County

BERGEN

Existing Population

6,947

Service Area

Borough of Midland Park

Need for Project

The existing pump station is unreliable and the force main breaks frequently.

Project Description

The proposed project includes abandoning the existing pump station and using gravity sewers to feed sewerage to the facility in the Village of Ridgewood.

Project Name, Number

OCEAN TOWNSHIP
340750-09
PUMP STATION REHABILITATION

Priority List Rank

310

County

OCEAN

Existing Population

6,450

Service Area

Township of Ocean

Need for Project

The 8 pump/lift stations are located in low lying areas near environmentally sensitive lagoon areas in close proximity to the Barnegat Bay. The purpose of these stations is to pump the raw sewage generated from the developments in low lying areas up to the gravity collection system. If the pump stations are not maintained and fail, raw sewage will overflow the wet wells and discharge to neighboring environmentally sensitive areas. The pump/lift stations range in age from 21 years to 43 years and are in need of rehabilitation. All stations suffer from corrosion of the guide rails, base elbows and discharge piping. In the oldest stations the pumps cannot be removed as the guide rails are completely gone. The older stations also require significant upgrade to the electric supply and control systems; as well as repairs to the concrete wet wells and appurtenances. For the younger stations rehabilitation will consist of just the replacement of submersible pumps and guide rails. For the older stations rehabilitation will consist of the replacement of submersible pumps and guide rails as well as the upgrades to the electric and control systems.

Project Description

Rehabilitation of 8 sanitary pumping/lift stations. Rehabilitation to include replacement of pumps, guide rails and discharge piping; along with the upgrade or replacement of the controls and power supply. Station locations (unless so designated all stations are in Ocean Twp.): 1. Seneca SPS - East end of Seneca Blvd.; 2. Poplar SPS - On Poplar Street between Holly & Mizzen Drives; 3. Marine SPS - At the intersection of Marine Road & Lagoon View Drive; 4. Kennedy SPS - At the intersection of Kennedy Drive & Ocean Avenue; 5. Dock SPS - At the intersection of Dock Avenue & Bay Parkway; 6. Diamond SPS - On Diamond Drive between Denville Street & Opal Court in Barnegat Twp.; 7. Bayshore SPS - On Bayshore Drive between Biscayne Road & Montclair Road in Barnegat Twp.; 8. Anchor SPS - At the intersection of Anchor Drive & Lighthouse Drive.

Project Name, Number

BELMAR BOROUGH
340209-01
SEWER REHABILITATION

Priority List Rank

311

County

MONMOUTH

Existing Population

6,045

Service Area

Borough of Belmar

Need for Project

The Borough's current sewer system was constructed in 1913. This antiquated system is in need for upgrades to continue uninterrupted service. The replacement of this infrastructure is to eliminate the infiltration and ex-filtration of sewerage thereby eliminating the possibility of contamination of groundwater.

Project Description

The proposed project includes construction of new 8", 10" and 12" PVC sewer mains, and storm drainage upgrades to replace the existing antiquated system. It will also include the resurfacing of the existing roadway surface, concrete curb, concrete sidewalk, ADA compliant ramps, traffic controls, and pavement restoration.

Project Name, Number

JAMESBURG BOROUGH
340224-01
SEWER REHABILITATION

Priority List Rank

312

County

MIDDLESEX

Existing Population

6,025

Service Area

Borough of Jamesburg

Need for Project

The project will address infiltration problems in the Borough. The sewers identified are within or adjacent to the flood plain or flood hazard areas.

Project Description

The proposed project includes inspection and relining of existing sanitary sewers. The project will also include rehabilitation of manholes, installation of manhole inserts and retrofit of manhole covers with non-penetrating covers.

Project Name, Number

PROSPECT PARK BOROUGH
340186-01
SEWER REHABILITATION

Priority List Rank

314

County

PASSAIC

Existing Population

5,779

Service Area

Borough of Prospect Park

Need for Project

The sanitary sewer replacement and rehabilitation is necessary to reduce infiltration and inflow and to minimize the chance of failure in the system.

Project Description

This project consists of the installation of 800± l.f. of 8" sanitary sewer main from the last manhole on Stryck Ave. to the restrooms at the Borough owned Hofstra Park. It also consists of purchasing a Jet/Vacuum Truck. The project also consists of televising and clearing of numerous sections of sanitary sewer piping of various diameter throughout that Borough limits and then identifying on the deficient areas for point repairs, in kind replacement and trenchless lining

Project Name, Number

LOPATCONG TOWNSHIP
340264-02
SEWER REHABILITATION

Priority List Rank

315

County

WARREN

Existing Population

5,765

Service Area

Lopatcong Township

Need for Project

The southern portion of the Township's sewage system drains to two pump stations. The sewage is then pumped to the Township of Phillipsburg sewage system for treatment. These two pump stations are over 20 years old and require extensive maintenance to keep them operable. The Township is planning to either upgrade these facilities or possibly construct an interceptor sewer to replace them. Also several sanitary sewers throughout the Township are in need of replacement. This project will address these known problem areas and provide the Township with a reliable system.

Project Description

The proposed project includes the construction of gravity sewers and a force main in conjunction with the upgrade or replacement of the Baltimore Street Pump Station. The likely plan is to eliminate the Baltimore Street PS and intercept its flow with a gravity sewer that will lead to the Morris Heights PS. The Morris Heights PS will either be expanded or eliminated and replaced by an interceptor that will connect to the Phillipsburg system. Additionally, several pipes in the collection system will be replaced to improve problem areas.

Project Name, Number

NORWOOD BOROUGH
340230-01
PUMP STATION REHAB

Priority List Rank

316

County

BERGEN

Existing Population

5,751

Service Area

Borough of Norwood

Need for Project

The replacement of antiquated equipment will upgrade the pump station's serviceability and capacity in handling peak flows.

Project Description

The proposed project includes the upgrade of the Piermont Road pumping station with a wet well containing duplex submersible pumps and a sewage grinder to prevent clogging. The Brook Street Pumping Station will receive two new dry pit submersible pumps.

Project Name, Number

SOMERDALE BOROUGH
340338-04
SEWER REHABILITATION

Priority List Rank

320

County

CAMDEN

Existing Population

5,440

Service Area

Borough of Somerdale

Need for Project

The Borough has evaluated several sections of its sanitary sewer system and determined the system experiences excessive infiltration/inflow.

Project Description

The proposed project involves a sewer repair/replacement program and various improvements to manholes and other deteriorated sections of sewer main.

Project Name, Number

PENNS GROVE SA
340502-05
SEWER REHABILITATION

Priority List Rank

326

County

SALEM

Existing Population

4,886

Service Area

Penns Grove Borough

Need for Project

This project is necessary to eliminate blocked sewer lines and excessive infiltration/inflow (I/I) within the service area.

Project Description

The proposed project will replace sanitary sewer mains and manholes that have lost their structural integrity and/or contain severe sags. Other mains will be sliplined or replaced.

Project Name, Number

Priority List Rank

SAYREVILLE BOROUGH

330

340326-07

SEWER SYSTEM IMPROVEMENTS

County

MIDDLESEX

Existing Population

4,430

Service Area

Sayreville Borough

Need for Project

The southern and western portions of the Morgan Section of the Borough of Sayreville are presently served by a series of six municipal pump stations and one privately owned pump station which convey the wastewater flow to the Middlesex County Utilities Authority's secondary treatment facility. The gravity collection system downstream of the discharge of a major basin pumping station is subject to surcharge to the point of overflow during dry weather, peak flow periods. Anticipated growth in the area will additionally stress the already overloaded conveyance facilities.

Project Description

The proposed project calls for the construction of a gravity interceptor, regional pump station and force main, and the upgrading of four existing sub-regional pump stations. The wastewater flow will ultimately discharge directly to the Middlesex County Utilities Authority gravity sewer which runs parallel to the New York and Long Branch railroad.

Project Name, Number

STANHOPE BOROUGH
340504-02
SEWER REHABILITATION

Priority List Rank

335

County

SUSSEX

Existing Population

3,700

Service Area

Stanhope Borough

Need for Project

A study was performed on the existing sanitary sewer system and it was determined that excess infiltration/inflow exists.

Project Description

Rehabilitation of sanitary manholes and individual sanitary laterals for Musconetcong Avenue, Spring Lane and Lake Street; and reline a portion of a 16-inch transite sewer main along the lake.

Project Name, Number

LONG BEACH TOWNSHIP
340023-02
SEWER REHABILITATION

Priority List Rank

337

County

OCEAN

Existing Population

3,329

Service Area

Long Beach Township

Need for Project

Sanitary sewer pipes are deteriorated and cracking allowing significant volumes of groundwater infiltration into the conveyance system. Replacement of the pipes will address the infiltration.

Project Description

The proposed project includes the removal and replacement of sewer mains with approximately 9000 feet of new 8", 10" and 12" PVC SDR 26 sanitary sewer mains as well as the replacement of existing sanitary manholes, services, and cleanouts.

Project Name, Number

LONG BEACH TOWNSHIP
340023-03
SEWER REPLACEMENT

Priority List Rank

337

County

OCEAN

Existing Population

3,329

Service Area

Long Beach Township

Need for Project

Sanitary sewer pipes are deteriorated and cracking allowing significant volumes of groundwater infiltration into the conveyance system. Replacement of the pipes will address the infiltration.

Project Description

The proposed project includes the removal and replacement of sewer mains with approximately 9000 feet of new 8", 10" and 12" PVC SDR 26 sanitary sewer mains as well as the replacement of existing sanitary manholes, services, and cleanouts.

Project Name, Number

Priority List Rank

HAMBURG BOROUGH

340

340149-01

PUMP STATION IMPROVEMENTS

County

SUSSEX

Existing Population

3,105

Service Area

Borough of Hamburg

Need for Project

The Heritage Lakes sanitary pump station is beyond its projected service life and needs to be upgraded. The deteriorating Falcon Ridge pump station will be eliminated.

Project Description

The proposed rehabilitation of the Heritage lakes pump station includes replacement of existing generator controls and pumps. The Falcon Ridge pump station will be replaced by a new gravity sewer.

Project Name, Number

GIBBSBORO BOROUGH
340871-03
SEWER REHABILITATION

Priority List Rank

346

County

CAMDEN

Existing Population

2,435

Service Area

Borough of Gibbsboro

Need for Project

Many of the sanitary sewer mains and service laterals in the Development Section of the Borough are in very poor, deteriorated condition and have outlived their expected service life of forty years.

Project Description

The proposed project includes replacement of approximately six sanitary sewer manholes, 2,226 linear feet of 8" diameter pipe main, 228 linear feet of 10" diameter pipe, 65 service laterals and clean outs. Approximately 1,000 linear feet of slip lining is also proposed. Some stormwater work is also proposed including construction of a precast concrete headwall within the existing drainage ditch and stabilization of the slopes with erosion control matting. Replacement of 50 feet of 15" diameter storm main is also proposed.

Project Name, Number

SUSSEX BOROUGH
340155-01
SEWER REHABILITATION

Priority List Rank

351

County

SUSSEX

Existing Population

2,145

Service Area

Sussex Borough

Need for Project

Storm and wastewater deficiencies have existed throughout the Borough for many years. The existing storm water system along Route 284 does not properly drain causing long stretches of overland flow. Many of the manholes throughout the Borough leak and create excess I & I. In some areas such as on Harrison Street, the wastewater sewer line is undersized and obstructed beyond repair. The Borough's 10 - inch DIP force main has deteriorated due to corrosion and has experienced many leads. The engineering report states the replacement with non-metallic pipe is advised to prevent contamination of the environment.

Project Description

The proposed project includes a 1500 linear foot extension and addition of catch basins for stormwater collection system on Route 284, rehabilitation of manholes throughout the Borough, replacement of sewer lines along Lakeview/Willow, Hamburg Avenue, Grove Street, Main Street, and Mill/Bank, installation of sewer lines on Harrison Street, and replacement of 27,000 linear feet of force main.

Project Name, Number

Priority List Rank

OCEAN GATE BOROUGH

353

340151-01

SEWER REHABILITATION

County

OCEAN

Existing Population

2,076

Service Area

Borough of Ocean Gate

Need for Project

The sanitary sewer system of the coastal towns are under constant saline exposure. The system in Ocean Gate is over 30 years old. This project will eliminate excessive infiltration/inflow.

Project Description

The project includes the sanitary sewer rehabilitation of 52,000 linear feet of 8" and 10" mains and 204 manholes. The rehabilitation includes cleaning, televising, grouting, spot repairs, and slip lining.

Project Name, Number

Priority List Rank

ISLAND HEIGHTS BOROUGH
340176-01
PUMP STATION REHAB

357

County

OCEAN

Existing Population

1,751

Service Area

Borough of Island Heights

Need for Project

The renovation of a pump station is required due to the age of the pump station and the existing design. The existing pump stations are experiencing pumping equipment, electrical and control failures.

Project Description

The proposed project includes pump and control replacement and electrical upgrades.

Project Name, Number

ISLAND HEIGHTS BOROUGH
340176-02
PUMP STATION NO. 2 REHAB

Priority List Rank

357

County

OCEAN

Existing Population

1,751

Service Area

Borough of Island Heights

Need for Project

The Borough of Island Heights provides sewage collection throughout the Borough. The sewage collection system is comprised of numerous small pump stations. The West End Avenue Pump Station (No. 2) must be renovated to meet the existing wastewater flow demands.

Project Description

This project is a continuation of Island Heights ongoing pump station renovation projects. Pump Station #2 - the West End Avenue Pump Station - is experiencing pumping equipment, electrical and control failures, requiring extensive maintenance by Borough Public Works personnel to keep operational and to prevent sewage backups and overflows. The project consists of pump and control replacement and electrical upgrades. The Borough is built out and the pump station renovations are for existing conditions and not to expand the service area.

Project Name, Number

STONE HARBOR BOROUGH
340722-02
SEWER REHABILITATION

Priority List Rank

360

County

CAPE MAY

Existing Population

1,128

Service Area

Stone Harbor Borough

Need for Project

Stone Harbor's existing terra cotta sanitary sewer mains have experienced collapses and blockages. The collapses have caused the sewage to back up in the main creating potential health hazards.

Project Description

The proposed project includes replacement in-kind of 5,350 LF of sanitary sewer main, 21 manholes and 119 sanitary connections.

Project Name, Number

STONE HARBOR BOROUGH
340722-03
SEWER REHAB

Priority List Rank

360

County

CAPE MAY

Existing Population

1,128

Service Area

Stone Harbor Borough

Need for Project

The Borough of Stone Harbor is experiencing rapid deterioration of their infrastructure in the project area. Over recent years, the Borough has been addressing numerous breaks in their existing terra cotta sewer main. The breaks in the main have created potential safety hazards. Severe inflow and infiltration at sewer laterals and manholes is prevalent throughout the system.

Project Description

The Borough proposes to replace in-kind approximately 3,000 linear feet of sanitary sewer main, 13 manholes and 144 sanitary sewer services located at the following locations: 87th Street (2nd Avenue to 3rd Avenue), 90th Street (1st Avenue to 2nd Avenue), 98th Street/Corinthian Drive/Sunset Drive - Circle Next to 99th Street, 107th Street (2nd Avenue to 3rd Avenue), 117th Street (2nd Avenue to 3rd Avenue), Pennsylvania Avenue (85th Street to 87th Street and 88th Street to 89th Street).

Project Name, Number

ROCKLEIGH BOROUGH
340232-01
PUMP STATION REPLACEMENT

Priority List Rank

364

County

BERGEN

Existing Population

391

Service Area

Borough of Rockleigh

Need for Project

The existing sanitary sewage pumping station is antiquated and is in need of replacement. There will be no increase in capacity as a result of this project. The replacement of the station is critical to avoid disruption of sewer service and to avoid any potential impact to the environment resulting from failure of the facility.

Project Description

The project involves the replacement of an existing sewage pumping station on Rockliegh Road.

Project Name, Number

Priority List Rank

NEWARK CITY

369

340815-14

EQUIPMENT PURCHASE

County

ESSEX

Existing Population

273,550

Service Area

City of Newark

Need for Project

The proposed equipment purchase is needed to clean drainage and pipes along the lower parts of the city. Each major storm event causes flooding resulting in more grease/oil, pesticides, fertilizers, etc. being introduced into the storm system and discharging into local waters.

Project Description

The proposed project includes the purchase of two Vactor-Jet Rodder sewer maintenance equipment.

Project Name, Number

NEWARK CITY
340815-16
EQUIPMENT PURCHASE

Priority List Rank

369

County

ESSEX

Existing Population

273,550

Service Area

City of Newark

Need for Project

Sewer maintenance equipment and vehicles are needed for the operation and maintenance of the sewer system throughout the City of Newark. Proper maintenance of the sewer system by reducing flooding and back ups improves water quality and public health.

Project Description

The project involves the acquisition of 4 jet/vacuum sewer cleaning trucks, 4 catch basin bucket trucks, 2 large dump trucks, 4 small mason/dump trucks, 6 crew cab pick up trucks, 3 backhoes, 1 mini excavator, 2 utility trucks, 4 mini vans, 4 SUV's, 1 CCTV equipment trucks, and other equipment such as rodder, jetters, tampers, jack hammers & pumps required for the operation and maintenance of sewer system throughout the City of Newark.

Project Name, Number

NEWARK CITY
340815-18
STORMWATER PUMP STATIONS

Priority List Rank

369

County

ESSEX

Existing Population

273,550

Service Area

City of Newark

Need for Project

Rehabilitation of the Meadowlands Stormwater Pump Station is required to reduce flooding in the lower portions of the East Ward.

Project Description

The proposed project includes rehabilitation of screw pumps and other equipment at the Meadowlands Stormwater Pump Station.

Project Name, Number

PALMYRA BOROUGH
340030-03
BELT THICKENERS

Priority List Rank

373

County

BURLINGTON

Existing Population

7,091

Service Area

Palmyra Borough

Need for Project

Project is required to reduce the amount of sludge transferred from the treatment plant for disposal. The reduced amount will increase efficiency and reduce operating costs.

Project Description

Project consists of the installation of a gravity belt thickener and related appurtenances for sludge removal.

Project Name, Number

Priority List Rank

OCEAN COUNTY UA

375

340372-42

CWPCF SLUDGE HANDLING FACILITY

County

OCEAN

Existing Population

599,994

Service Area

17 Municipalities in Ocen County

Need for Project

CWPCF Sludge Handling Facility Building Roof Replacement is intended to replace a roof which has reached the end of the expected useful life. The roof replacement will enhance structural integrity of all facilities and equipment contained within the building and to promote their service life extension. The proposed work will avoid continued deterioration and ensure long-term structural adequacy.

Project Description

This work involves replacement in kind of the roof for the CWPCF Sludge Handling Building. The original roof system was installed in the mid-1970's and is approaching the end of its useful service life, thereby requiring replacement.

Project Name, Number

Priority List Rank

BURLINGTON COUNTY BOARD OF FREEHOLDERS
340818-04
SLUDGE MANAGEMENT

378

County

BURLINGTON

Existing Population

382,460

Service Area

Burlington County

Need for Project

The Leachate Treatment Plant (LTP) expansion and upgrade is necessary to provide treatment and capacity for the wastewater to be generated through operation of the county co-composting facility. The existing LTP currently treats leachate and sanitary wastewater from the county landfill and associated support facilities at the county Resource Recovery Facilities Complex. In accordance with NJPDES Permit No. NJ0055395 issued October 23, 1991 which provides the discharge requirements for the LTP, expansion of the hydraulic design capacity of the plant from 50,000 gpd to 130,000 gpd average daily flow (ADF) on a monthly basis will allow for the treatment of wastewater to be generated from the previously funded co-composting facility operations (approximately 56,000 gpd - monthly ADF, Project No. S340818-03). Permitted capacity was increased from 28,000 gpd to 130,000 gpd (monthly ADF) under NJPDES No. NJ0055395.

Project Description

Expansion of the facility includes physical-chemical treatment units, biological and physiochemical treatment units, rapid sand filtration, ultraviolet disinfection and a wastewater heating system.

Project Name, Number

GLOUCESTER COUNTY UA

340902-07

GRAVITY THICKENER & SLUDGE INCINERATOR

Priority List Rank

381

County

GLOUCESTER

Existing Population

200,000

Service Area

Clayton Borough, Deptford Twp., Glassboro Borough, Mantua Twp., Monroe Twp., National Park Borough, Paulsboro Borough, Washington Twp., Wenonah Borough, W. Deptford Twp., Westville Borough, Woodbury City, and Woodbury Hts Borough

Need for Project

Continued operation of the gravity thickeners and sludge incinerators are vital to the wastewater treatment process of the Gloucester County Utilities Authority Plant.

Project Description

This project will include the replacement of the two existing gravity thickener systems and the upgrades to the sludge incinerator controls system at the Gloucester County Utilities Authority's Wastewater Treatment Plant in West Deptford, Gloucester County.

Project Name, Number

Priority List Rank

ATLANTIC COUNTY UA

382

340809-14

WATER RECLAMATION-SMITHVILLE

County

ATLANTIC

Existing Population

167,633

Service Area

The municipalities of Absecon, Brigantine, Egg Harbor City, Egg Harbor Township, Galloway, Hamilton, Linwood, Longport, Margate, Northfield, Pleasantville, Somers Point Ventnor, Port Republic, and Weymouth.

Need for Project

Reclamation of wastewater for beneficial reuse will protect aquifers, assist potable water conservation in Atlantic County, and reduce treated wastewater discharges into the Atlantic Ocean.

Project Description

The proposed project includes the construction of treatment facilities, pumping and conveyance facilities to provide landscape irrigation for six residential communities. The project consists of a new 0.36 MGD membrane bioreactor treatment system, a 300,000 gallon storage tank as well as pumping facilities, 8500 LF of force main, piping and other related appurtenances.

Project Name, Number

ATLANTIC COUNTY UA

340809-11

WATER RECLAMATION

Priority List Rank

383

County

ATLANTIC

Existing Population

163,667

Service Area

The municipalities of Absecon, Brigantine, Egg Harbor City, Egg Harbor Township, Galloway, Hamilton, Linwood, Longport, Margate, Northfield, Pleasantville, Somers Point Ventnor, Port Republic and Weymouth Township.

Need for Project

Reclamation of wastewater for beneficial reuse will protect aquifers, assist potable water conservation in Atlantic County, and reduce treated wastewater discharges into the Atlantic Ocean.

Project Description

The proposed project includes the construction of treatment facilities, pumping and conveyance facilities to provide local customers with treated wastewater from the reclaimed water for beneficial reuse program. The proposed project will divert primary treated influent wastewater to a new membrane bioreactor treatment system and ultraviolet disinfection system. A pumping station, force main and distribution facility will be constructed to convey the reclaimed water to customers for use as irrigation water and cooling tower make-up water.

Project Name, Number

CAPE MAY COUNTY MUA
340661-09
ODOR CONTROLS

Priority List Rank

385

County

CAPE MAY

Existing Population

50,140

Service Area

Wildwood/Lower Region and Seven Mile/Middle Region

Need for Project

The project is required to provide sludge/septage treatment and disposal for the Cape May County MUA - Wildwood/Lower Regional and Seven Mile/Middle Regional Wastewater Systems.

Project Description

The project is the second phase of the Cape May County MUA - County-wide enclosed vessel mechanical composting system. This component is planned to service combined primary and secondary belt filter press dewatered sludge from the 14.18 mgd Wildwood/Lower Regional WWTF and the 7.67 mgd Seven Mile/Middle Region WWTF. The septage treatment facilities will be incorporated into the CMCMUA Seven Mile/Middle Regional WWTF.

Project Name, Number

CAPE MAY COUNTY MUA
340661-13
COMPOST FACILITY REHAB

Priority List Rank

385

County

CAPE MAY

Existing Population

50,140

Service Area

Wildwood/Lower Region and Seven Mile/Middle Region

Need for Project

The extent of water quality based need for the replacement of the trucks is that of improving the air quality due to the decommissioning of older equipment and replacing it with newer more environmentally friendly equipment. Emissions standards on trucks have become more stringent in recent years. As a result newer technology has been introduced to reduce the amount of emissions given off by these trucks. In the interest of environmental conservation, the Authority plans to procure the best technology available for its new trucks.

The Authority maintains a fleet of over forty roll-off style containers used for the transport of sludge. Most of these containers were manufactured in the 1990's, and require major repairs and refurbishment. Upgrading and repair of these containers will eliminate leaky containers, and permit the Authority to continue to operate the fleet within all NJDEP and NJDOT regulations.

Project Description

The Cape May County MUA (Authority) owns and operates an in-vessel Sludge Composting Facility (SCF). The facility receives all the Authority's generated sludge and composts it into a specialty fertilizer. To transport the generated sludge from wastewater treatment facility to compost facility the Authority has its own fleet of sludge trucks and roll-off sludge containers.

Part One of the project involves replacing two trucks from the aging fleet and rehabilitating some of the older containers. The older trucks in the fleet were manufactured in the early 1990's, and do not meet current diesel emission standards.

Part Two of this project involves purchasing a replacement Extraction Screw Assembly. An Extraction Screw Assembly is located at the bottom of each of the SCF's two Reactor Vessels, and is used to remove the composted sludge from the bottom of the Reactors. Although each Extraction Screw Assembly is maintained on a yearly basis, age, wear, and exposure to a corrosive environment have deteriorated one of the existing screws to the point that it needs to be replaced.

<u>Project Name, Number</u>	<u>Priority List Rank</u>
MERCHANTVILLE-PENNSAUKEN WATER COMM. 340137-01 WATER REUSE	388
<u>County</u>	
CAMDEN	
<u>Existing Population</u>	
50,000	
<u>Service Area</u>	
Maple Shade, Merchantville, Pennsauken, and portions of Camden and Cherry Hill	
<u>Need for Project</u>	
The Pennsauken Country Club currently uses approximately 20 million gallons per year of potable water to irrigate its golf course; by reusing water from the Maple Shade Treatment Plant for irrigation 20 MG of potable water will be saved.	
<u>Project Description</u>	
The proposed project includes installation of a water reuse system for treated water from the Maple Shade Treatment Plant to be piped to the Pennsauken Country Club. The effluent water will be treated with a disc filter and chemical injection.	

<u>Project Name, Number</u>	<u>Priority List Rank</u>
NEPTUNE TOWNSHIP SA 340410-09 SLUDGE SYSTEM IMPROVEMENTS	390

County

MONMOUTH

Existing Population

34,727

Service Area

Neptune Township, Avon-By-The-Sea Borough, Bradley Beach Borough,
Ocean Grove Camp Meeting Association

Need for Project

Enhancing the sludge digestion process will minimize the need to haul sludge off-site and reduce operating costs.

Project Description

The proposed project includes cleaning, repairing and upgrades to the digesters, sludge holding tanks and waste gas burners.

Project Name, Number

Priority List Rank

MAPLE SHADE TOWNSHIP

392

340710-03

WATER RECLAMATION

County

BURLINGTON

Existing Population

19,079

Service Area

Maple Shade, Merchantville, Pennsauken, and portions of Camden and Cherry Hill

Need for Project

The Pennsauken Country Club currently uses approximately 20 million gallons per year of potable water to irrigate its golf course; by reusing water from the Maple Shade Treatment Plant for irrigation 20 MG of potable water will be saved.

Project Description

The proposed project includes installation of a water reuse system for treated water from the Maple Shade Treatment Plant to be piped to the Pennsauken Country Club. The effluent water will be treated with a disc filter and chemical injection.

Project Name, Number

Priority List Rank

POMPTON LAKES BOROUGH MUA

393

340636-06

SLUDGE THICKENER

County

PASSAIC

Existing Population

10,539

Service Area

Pompton Lakes Borough

Need for Project

The construction of this Sludge Thickener System under Contract No. 92 (Revised) will allow the PLBMUA to dewater all of the solids generated in this Water Pollution Control Facility from approximately 1% to 4%. By so doing, the Authority's cost for transport and treatment of sludge at Passaic Valley Sewerage Authority will be significantly reduced. Also the energy cost during transport and sludge processing and treatment will be significantly reduced.

Project Description

This revised construction Contract No. 92 (Revised) New Sludge Thickener System, includes the installation of a new drum thickener in the existing Thickened Sludge Holding Pumping Station and requires the demolition of certain old and abandoned equipment. In lieu of constructing a new sludge holding tank, the 45 year old sludge holding tank located near the grit chamber will be cleaned, inspected and repaired as necessary. All work contained in this revised contract will be constructed at the existing PLBMUA Water Pollution Control Plant.

<u>Project Name, Number</u>	<u>Priority List Rank</u>
NORTHWEST BERGEN COUNTY UA 340700-10 INCINERATOR IMPROVEMENTS	394

County

BERGEN

Existing Population

10,422

Service Area

Allendale Borough, Franklin Lakes Borough, HoHoKus Borough, Mahwah Township, Midland Park Borough, Ramsey Borough, Saddle River Borough, Upper Saddle River Borough, Waldwick Borough, Wyckoff Township

Need for Project

With one incinerator offline and inoperable, failure of the remaining incinerator would result in the NBCUA hauling the waste sludge offsite increasing the potential of a sewage spill that may enter into the NBCUA's adjacent stormwater system or the Ho-Ho-Kus Brook, which is located immediately downstream of the service building that houses the existing incinerators.

Project Description

The NBCUA proposes to repair and upgrade its existing incinerator #1, which is currently inoperable, to improve its reliability and enable the NBCUA to continue to meet current permit requirements. Proposed repairs include replacement of its refractory liner, and upgrade to the unit including a new air distribution system, elimination of the dome, installation of new tuyeres, nozzles, instrumentation, new overbed burner, seal rings and other miscellaneous improvements.

Project Name, Number

Priority List Rank

JERSEY CITY RA

396

340119-01

STORMWATER/NPS MANAGEMENT

County

HUDSON

Existing Population

240,055

Service Area

Jersey City

Need for Project

The proposed project significantly reduces the amount of storm water flowing into the already burdened combined sewer system. Installation of low-flow water fixtures will help reduce the impact to the cities sewer system by 20%.

Project Description

The proposed project includes installation of green roofs, rainwater harveting technology, a sub-surface detention system, photovoltaic arrays, and low-flow water fixtures.

Project Name, Number

HILLSBOROUGH TOWNSHIP

340099-01

SEWER EXTENSION

Priority List Rank

408

County

SOMERSET

Existing Population

36,634

Service Area

Hillsborough Township

Need for Project

Hillsborough is proposing to provide sewer service for 238 existing homes, many with failing septic systems.

Project Description

The proposed project includes construction of approximately 24,000 linear feet of 8-inch sewer pipe, one pumping station and approximately 14,000 linear feet of force main to connect the homes in the Claremont area to the Hillsborough Township MUA system.

Project Name, Number

Priority List Rank

VOORHEES TOWNSHIP

410

340875-01

COLLECTION SYSTEM, FORCE MAIN & PUMP STATION

County

CAMDEN

Existing Population

28,126

Service Area

Voorhees Township

Need for Project

The proposed project is needed to replace the pumping/conveyance system within the Township.

Project Description

The proposed project includes the construction of a pumping station at Dutchtown Road, the construction of a new force main from the Dutchtown Road pumping station to an existing interceptor, the construction of a sanitary sewer interceptor from the Cooper Road pumping station to the Dutchtown Road pumping station, the demolition of the Cooper Road pumping station, and the construction of a sanitary sewer interceptor from the Sturbridge Lakes pumping station to Route 73 and the demolition of the Sturbridge Lakes pumping station.

Project Name, Number

Priority List Rank

NORTHWEST BERGEN COUNTY UA
340700-11

422

UPPER SADDLE RIVER PUMP STATIONS

County

BERGEN

Existing Population

10,422

Service Area

Borough of Upper Saddle River

Need for Project

This project will allow for the elimination of existing septic systems located along the Route 17 corridor and open capacity in the Boroughs of Allendale and Ramsey reducing the potential of sewage backups into adjacent waterways.

Project Description

Construction of two regional pump stations and associated force mains along two areas of the Route 17 corridor and connection into the NBCUA Allendale Brook Interceptor and Ho-Ho-Kus Brook Interceptor. This project would also include minor modifications to existing sanitary sewer system to provide connections into the new pump stations.

Project Name, Number

Priority List Rank

PLUMSTED TWP

431

340607-03

COLLECTION SYSTEM

County

OCEAN

Existing Population

6,010

Service Area

Plumsted Township (includes New Egypt, Archers Corner, Archertown, Brindletown and Colliers Mill areas)

Need for Project

A study performed for the service area has determined that overflowing and malfunctioning septic systems, poor soils and high density housing conditions exist in the planning area. A septic system survey found 81 percent of the residents in Plumsted Township are affected by malfunctioning on-site systems.

Project Description

The proposed project includes the construction of a municipal collection system. The collection system will include the downtown area of New Egypt and will include pumping station, force main, gravity sewers and related appurtenances as necessary.

Project Name, Number

Priority List Rank

PASSAIC VALLEY SEWERAGE COMMISSIONERS

464

340689-17

EQUIPMENT PURCHASE

County

ESSEX

Existing Population

1,350,000

Service Area

Kearny, Harrison, East Newark, Newark, Paterson, Rutherford, East Rutherford, Wallington, Passaic, N. Arlington, and Garfield

Need for Project

A street sweeper will help remove floatables from entering combined sewer overflows in the Passaic River and Newark Bay. A skimmer vessel will remove floatables from the surface of the Passaic River. A sample vessel will help monitor water quality trends, including water quality improvements due to CSO improvements.

Project Description

The proposed project includes purchases of a skimmer vessel, a sample vessel and a street sweeper.

Project Name, Number

CAMDEN CITY
340366-11
STORMWATER CONTROLS

Priority List Rank

465

County

CAMDEN

Existing Population

79,904

Service Area

City of Camden

Need for Project

The proposed project is for the for the clean-out and rehabilitation of stormwater infrastructure to improve the discharge to local waterways.

Project Description

This task involves the rehabilitation of stormwater collection system/outfalls located in the Fairview section of Camden. The proposed scope of work consists of inspection stormwater sewer outfalls and associated structures, repair/replacement of stormwater outfall piping (if needed), cleaning of compromised/blocked outfalls, removal and disposal of sediment materials and other debris, and installation of in-line and/or end-of-pipe stormwater backflow controls.

Project Name, Number

NORTH BERGEN UA
340652-10
EQUIPMENT PURCHASE

Priority List Rank

466

County

HUDSON

Existing Population

58,092

Service Area

Township of North Bergen, Town of Guttenberg

Need for Project

Sewer maintenance equipment and vehicles are needed for the operation and maintenance of the sewer system. Proper maintenance of the sewer system by reducing flooding and backups improves water quality and public health.

Project Description

The project involves the aquisition of a boom truck, a pick-up truck, and a roll-off truck.

Project Name, Number

WILLINGBORO TOWNSHIP
340132-03
STORMWATER MANAGEMENT

Priority List Rank

472

County

BURLINGTON

Existing Population

33,008

Service Area

Willingboro Township

Need for Project

A majority of the stormwater management management structures in Willingboro were built in the 1950s and 1960s to support residential development. Many of the structures are inlet and pipe networks that eventually have outfalls that drain into Mill Creek. Mill Creek is a tributary to the Rancocas Creek. Over time, many of these stormwater outfall structures have deteriorated and now require rehabilitation in addition to stream bank stabilization.

Project Description

The proposed project includes the rehabilitation of the stormwater system outfalls and stream bank stabilization within the Millbrook Park section.

Project Name, Number

Priority List Rank

OLD BRIDGE MUA

482

340945-08

INTERCEPTOR SEWER

County

MIDDLESEX

Existing Population

60,456

Service Area

Old Bridge Township

Need for Project

The new interceptor will allow for the abandonment of two sewage pump stations at the Birch Hill Development and the elimination of existing residents septic systems.

Project Description

The proposed project includes construction of 5000 feet of PVC pipe to connect to the MUAs existing sanitary sewer system on Spring Valley Road to service the Crossroads area.

Project Name, Number

MANSFIELD TOWNSHIP
340935-03
COLLECTION SYSTEM

Priority List Rank

486

County

BURLINGTON

Existing Population

50,090

Service Area

Village of Columbus

Need for Project

A sanitary collection system and a treatment facility will address failing septic systems in the Village of Columbus.

Project Description

The proposed project includes installation of a sanitary collection system, a treatment facility, and a drip irrigation system.

Project Name, Number

Priority List Rank

PLAINFIELD MUA

487

340240-02

REGIONAL PUMP STATION

County

UNION

Existing Population

47,829

Service Area

City of Plainfield

Need for Project

The Authority proposes to install a regional pump station at its Rock Avenue Transfer Station to provide operational reliability and effeciency.

Project Description

The proposed project includes construction of a new wet well, valve chamber, generator/pump control building, comminator, process piping, and associated site work.

Project Name, Number

BERKELEY TOWNSHIP SA
340969-08
COLLECTION SYSTEM

Priority List Rank

489

County

OCEAN

Existing Population

39,991

Service Area

Berkeley Township

Need for Project

Extension of the existing collection system to replace existing failing subsurface disposal systems.

Project Description

The proposed project includes construction of sanitary sewers in the Pinewald section of Berkeley Township.

Project Name, Number

BERKELEY TOWNSHIP SA
340969-09
COLLECTION SYSTEM

Priority List Rank

489

County

OCEAN

Existing Population

39,991

Service Area

Berkeley Township

Need for Project

Extension of the existing collection system to replace existing failing subsurface disposal systems.

Project Description

The proposed project includes construction of sanitary sewers in the Manitou section of Berkeley Township.

Project Name, Number

Priority List Rank

MONTCLAIR STATE UNIVERSITY

502

340321-02

SEWER SYSTEM EXPANSION

County

PASSAIC

Existing Population

18,000

Service Area

Montclair State University

Need for Project

The project is required to upgrade the sanitary sewer infrastructure for the University in order to meet the sewer demands of the proposed University expansion. The project will involve construction of 8,200 ft of new sanitary sewer infrastructure and upgrades to existing sewage pump stations, force mains and gravity mains. The project intended to reduce the downstream capacity problems that the Montclair Township sanitary sewer infrastructure is facing and allowing the University to expand in the next few years.

Project Description

The project area is located with the Montclair State University (Montclair and Little Falls Townships) and within Montclair Township and involves construction of approximately 8,200 ft of new sanitary sewer that will convey sanitary sewer flows from the Montclair University campus to the Montclair Township sewer. The project also involves upgrading the existing sanitary sewer infrastructure within the Montclair State University Campus, including upgrading pump stations and force mains, upsizing gravity mains and lining gravity mains within to handle the additional sewer flows that will be generated by the proposed University Expansion and construction of new campus buildings.

Project Name, Number

ABERDEEN TOWNSHIP
340869-02
COLLECTION SYSTEM

Priority List Rank

503

County

MONMOUTH

Existing Population

17,454

Service Area

Freneau section of Aberdeen Township

Need for Project

The Freneau section of Aberdeen Township is serviced by individual subsurface sewage disposal systems. Due to the soil characteristics and high-groundwater table, many of the systems are failing and discharging into Birch Swamp Brook and Matawan Creek.

Project Description

Install sanitary sewerage facilities (gravity sewer, pump station, force main) to eliminate failing septic systems for 75 +/- residents within the Freneau/Woodfield Area of the Township. The project will include rehabilitation of the existing storm facilities and roadways. New sanitary and storm systems will aid in the improvement of storm water quality by eliminating septic overflows to storm systems and discharges into Lake Lefferts, thus improving health and safety for residents and improving water quality and improving the neighborhood's quality of life.

Project Name, Number

Priority List Rank

WOODLAND PARK
340203-01
COLLECTION SYSTEM

510

County

PASSAIC

Existing Population

10,987

Service Area

Borough of Woodland Park

Need for Project

The installation of sanitary sewer mains and laterals will eliminate the septic systems currently in use and reduce potential pollution to the ground water.

Project Description

The installation of gravity sanitary sewer lines and water main improvements on Oak Ridge Road, Overmount Avenue, Old Orchard Road and Elizabeth Lane. This project includes 3,850 l.f. of new 8" sewer main.

Project Name, Number

SALEM CITY
340235-02
STORMWATER MANAGEMENT

Priority List Rank

516

County

SALEM

Existing Population

5,857

Service Area

City of Salem

Need for Project

This project will include the construction of a new stormwater drainage system designed to meet the NJDEP stormwater regulations.

Project Description

This project will include the construction of a new stormwater drainage system designed to meet the NJDEP stormwater regulations. It will include installation of stormwater pipe, stormwater inlets, concrete headwalls, bicycle safe grates and curb pieces.

Project Name, Number

EAST GREENWICH TOWNSHIP
340368-02
REGIONAL PUMP STATION

Priority List Rank

517

County

GLOUCESTER

Existing Population

5,260

Service Area

Township of East Greenwich

Need for Project

Currently, sewage disposal is through individual on-site systems. A few properties located within the redevelopment area are serviced by sanitary force mains and a failing pump station. The intent is to replace the pump station and connect all other properties.

Project Description

Construction of a new Regional Pump Station located within the Township's Redevelopment Zone. The current lack of a pump station is inhibiting potential developer interest in the area. The construction of infrastructure within this region will bring developers to the area. Resulting in increased jobs and economic growth of the region. The project has been designed and permits submitted to the DEP. The Township is currently lacking funding to proceed to the construction phase.

Project Name, Number

HOPATCONG BOROUGH
340488-06
STORMWATER MANAGEMENT

Priority List Rank

527

County

SUSSEX

Existing Population

15,888

Service Area

Borough of Hopatcong

Need for Project

Stormwater runoff in the area discharges shallow concentrated flow over existing residential septic systems. Stream testing has confirmed high levels of coliform as a result of the existing drainage patterns. The project will eliminate concentrated stormwater flow over the existing septic systems.

Project Description

The proposed project includes the installation of a new stormwater conveyance system to control erosion and divert stormwater away from septic systems.

Project Name, Number

DELRAN SA
340794-06
STORAGE FACILITY

Priority List Rank

528

County

BURLINGTON

Existing Population

15,536

Service Area

Delran Township

Need for Project

The proposed facility will reduce runoff and siltation to the on-site stormwater system and also reduce siltation and non point source pollution.

Project Description

The project consists of the construction of a rigid metal frame building at the Delran Sewerage Uthority's wastewater treatment plant. A solar electric generating system may also be installed on the roof to supply electricity.

Project Name, Number

CINNAMINSON TOWNSHIP
340170-05
SALT DOME

Priority List Rank

529

County

BURLINGTON

Existing Population

14,595

Service Area

Township of Cinnaminson

Need for Project

The proposed salt dome will reduce runoff and and siltation to the local waterways.

Project Description

This project consists of construction of an 82 foot diameter salt storage facility.

Project Name, Number

NEWARK CITY

340815-12

SITE REMEDIATION

Priority List Rank

531

County

ESSEX

Existing Population

273,550

Service Area

City of Newark

Need for Project

A former paint factory requires remedial measures to support brownfield development and provide significant environmental benefits. Placement of an impermeable cap along with installation of stormwater controls will ensure that rain water will not mobilize contaminants and pollute groundwater or the adjacent waterways.

Project Description

The proposed project includes demolition of existing buildings, installation of an impermeable cap and cover system, installation of stormwater controls.

Project Name, Number

CRANFORD TOWNSHIP
340858-04
STORMWATER MANAGEMENT

Priority List Rank

532

County

UNION

Existing Population

22,578

Service Area

Township of Cranford

Need for Project

Flooding in the project area is having adverse effects on water quality in the Rahway River. The proposed pump station will screen out floatables and debris that would otherwise be discharged to the river. Reduction in the frequency of flooding will reduce the amount of debris and pollution discharged to the river.

Project Description

The proposed project includes construction stormwater pumping station, approximately 3,000 feet of storm trunk sewer lines connecting the local storm sewers to the pumping station, and associated structures, outfalls, and appurtenances.

Project Name, Number

Priority List Rank

BURLINGTON COUNTY BRIDGE COMM.

545

340818-05

STORMWATER MANAGEMENT

County

BURLINGTON

Existing Population

382,460

Service Area

Burlington County

Need for Project

The project is being undertaken to:

1. Improve storm water conveyance and stream morphology
2. Generally reduce local bank erosion around obstructions
3. Lessen the risk of damage to bridges
4. Improve recreation amenity
5. Reduce flooding impacts locally, specifically for lower flow events.

Project Description

The Rancocas Creek Obstruction Removal/Desnagging project includes the removal of obstruction fields and sediment dams along 8 Rancocas Creek miles extending from Landing Street in Southampton Township to Main Street in Lumberton Township and from the Flying W Airport to Bridge Road in Lumberton Township. Overall it includes the removal of 126 obstruction fields and sediment dams. The project is being undertaken to:

1. Improve water conveyance and stream morphology
2. Generally reduce local bank erosion around obstructions
3. Lessen the risk of damage to bridges
4. Improve recreation amenity
5. Reduce flooding impacts locally, specifically for lower flow events.

Project Name, Number

Priority List Rank

ATLANTIC COUNTY UA

547

340809-18

VEHICLE WASH FACILITY

County

ATLANTIC

Existing Population

250,000

Service Area

The municipalities of Absecon, Atlantic City, Brigantine, Egg Harbor City, Egg Harbor Township, Galloway, Hamilton, Linwood, Longport, Margate, Northfield, Pleasantville, Somers Point and Ventnor.

Need for Project

Vehicles are no longer permitted to be washed outdoors without containment of wash water. The proposed facility will provide indoor washing (no exterior runoff) as well as a recycled water system to reuse wash water. With this facility there will be no discharge of wash water to any stormwater facility.

Project Description

The proposed project includes construction of a new vehicle wash facility to help ACUA comply with new stormwater regulations relative to fleet vehicle washing.

Project Name, Number

ATLANTIC COUNTY UA
340809-19
COMPOST COVER

Priority List Rank

547

County

ATLANTIC

Existing Population

250,000

Service Area

The municipalities of Absecon, Atlantic City, Brigantine, Egg Harbor City, Egg Harbor Township, Galloway, Hamilton, Linwood, Longport, Margate, Northfield, Pleasantville, Somers Point and Ventnor.

Need for Project

The project will reduce non-point source pollution runoff.

Project Description

The proposed project includes construction of an outdoor cover (tarping system) to cover vegetative waste during composting.

Project Name, Number

Priority List Rank

ATLANTIC COUNTY UA

547

340809-20

STORMWATER RECEIVING STATION

County

ATLANTIC

Existing Population

250,000

Service Area

The municipalities of Absecon, Brigantine, Egg Harbor City, Egg Harbor Township, Galloway, Hamilton, Linwood, Longport, Margate, Northfield, Pleasantville, Somers Point Ventnor, Port Republic, and Weymouth.

Need for Project

The project will reduce non-point source pollution runoff.

Project Description

The proposed project includes the construction of an outdoor stormwater receiving station. A facility designed to accept stormwater catch basin debris from local municipal governments.

Project Name, Number

Priority List Rank

TOMS RIVER TOWNSHIP
340145-02
STORMWATER MANAGEMENT

550

County

OCEAN

Existing Population

95,000

Service Area

Township of Toms River

Need for Project

The proposed improvements will remove accumulated sediment and vegetation overgrowth and minimize ponding onto existing residential roadways reducing potential health and safety concerns via eroded roadways and standing water (mosquito breeding). The purchase of the equipment will reduce the amount of solids and floatables entering the Township's waterways.

Project Description

Drainage improvements to 5 existing areas throughout the Township to address accumulated sediment, vegetation overgrowth and substandard drainage infrastructure. Locations include the Blue Sea cul-de-sac, Parkside and Coolidge Avenues intersection, Heritage Way, Yvonne Drive and Shasta Drive intersection and the Parkside Ave and Gilford Place. The project will include drainage pipe replacement, installation of additional catch basins and cleaning of existing pipes and structures in order to address pavement deterioration, road hazards and health concerns associated with standing waters. The Township proposes to purchase equipment (i.e. street sweepers, brush hogs, jet vac truck and new ECO inlet heads) to assist in the removal of floatables and solids from the Township streets and infrastructure.

Project Name, Number

Priority List Rank

MIDDLETOWN TOWNSHIP

551

340097-01

SHADOW LAKE RESTORATION

County

MONMOUTH

Existing Population

66,327

Service Area

Middletown Township

Need for Project

Shadow Lake is a significant natural and recreational resource and is designated for trout production and maintenance. Middletown Township proposes to dredge Shadow Lake to improve water quality, reopen areas to light watercraft, remove excessive aquatic plant growth, and reestablish fish populations. Since Shadow Lake discharges into the upper reaches of the Navesink River, dredging the lake will inherently improve water quality in the Navesink River. Dredging will also reduce or eliminate the need to use chemical herbicides to curb excessive aquatic plant growth.

Project Description

The proposed project includes the dredging to remove approximately 300,000 cubic yards of sediment from the upper portion of Shadow Lake. This will restore the lake to its original depth, eliminate the swamp like conditions, and lower the phosphorous concentration.

Project Name, Number

MIDDLETOWN TOWNSHIP

340097-03

STORMWATER

Priority List Rank

551

County

MONMOUTH

Existing Population

66,327

Service Area

Middletown Township

Need for Project

The proposed project will address health and safety concerns associated with the frequent backup of the drainage systems, as well as potential hazards associated with standing waters. The addition of new inlets will also minimize erosion via the conveyance of stormwater away from the landward limits of the beach.

Project Description

The Township proposes improvements to its existing stormwater system located within the rights-of-way along North Leonard Avenue, Burlington Avenue, and Roop Avenue and between residential properties located on Burlington Avenue and within an earthen berm located along the landward limit of the beach adjacent to Sandy Hook Bay. Presently, stormwater drains to an existing outfall pipe that is situated perpendicular to the shoreline of Sandy Hook Bay. A section of the existing 36-inch RCP pipe was destroyed during storm events in early 1990. A temporary repair to the outfall was made in 1991 by replacing the damaged section with a 24-inch diameter plastic pipe. The proposed project will permanently repair and improve the overall function of the entire system. The existing pipe will be replaced with a 48-inch RCCP outfall and timber pile bent. The outfall pipe will extend below the Mean High Water line of Sandy Hook Bay. The pipes within the rights-of-way and properties noted above will also be replaced and new manholes and inlets will be installed.

Project Name, Number

GLOUCESTER TOWNSHIP
340364-07
STORM SEWER REHAB

Priority List Rank

553

County

CAMDEN

Existing Population

64,350

Service Area

Gloucester Township

Need for Project

The storm sewer conveyance system was originally constructed in the 1970s. The piping is failing throughout the Cherrywood development causing flooding and road damage. Repair of the system will eliminate flooding and road damage as well as improve the water quality of Mason Run Tributary by reducing silt and sediment loads.

Project Description

The proposed project includes replacement of approximately 5,000 feet of pipe and the repair of various storm sewer pipes as necessary. Repairs will also be made to deteriorated storm sewer inlets.

Project Name, Number

GLOUCESTER TOWNSHIP
340364-08
LAKE DREDGING

Priority List Rank

553

County

CAMDEN

Existing Population

64,350

Service Area

Township of Gloucester

Need for Project

Lake Renee is suffering excessive sedimentation. The proposed project will construct a sediment trap to intercept soil material before it reaches the lake.

Project Description

The project includes restoration of Lake Renee and construction of a sediment trap to intercept soil material.

Project Name, Number

PLAINFIELD CITY

340240-01

SALT DOME

Priority List Rank

555

County

UNION

Existing Population

47,829

Service Area

City of Plainfield

Need for Project

The proposed salt dome will cut back on runoff and siltation to the stormwater system and ultimately the local waterways.

Project Description

This project consists of construction of an 82 foot diameter salt storage facility.

Project Name, Number

PLAINFIELD CITY
340240-03
MUNICIPAL VEHICLE WASH

Priority List Rank

555

County

UNION

Existing Population

47,829

Service Area

City of Plainfield

Need for Project

The proposed project will help the City comply with stormwater requirements by recycling water.

Project Description

The proposed project includes construction of a municipal vehicle wash facility within the city limits, to eliminate the cost of this service from an outside vendor.

Project Name, Number

Priority List Rank

PLAINFIELD CITY

555

340240-05

GROVE STREET RETAINING WALL

County

UNION

Existing Population

47,829

Service Area

City of Plainfield

Need for Project

The proposed project will help mitigate potential erosion which would impact water quality and flood conveyance of the Green Brook.

Project Description

The proposed project includes repair of a partially failed retaining wall along the south side of the Green Brook just downstream from the Grove Street Bridge.

Project Name, Number

Priority List Rank

MOUNT LAUREL TOWNSHIP
340943-04
STREAM RESTORATION

558

County

BURLINGTON

Existing Population

40,221

Service Area

Mount Laurel Township

Need for Project

Pennsauken Creek has a build up of sediment and debris, which leads to flooding and sewage overflows.

Project Description

The proposed project includes dredging and debris removal from Pennsauken creek.

Project Name, Number

Priority List Rank

BERKELEY TOWNSHIP

559

340969-07

STORMWATER MANAGEMENT

County

OCEAN

Existing Population

39,991

Service Area

Berkeley Township

Need for Project

Stormwater runoff is the most common way that nonpoint source pollution reaches local rivers, creeks and lakes. Rainwater carries chemicals, nutrients, sediments and other forms of nonpoint source pollution into local streams if the water is not absorbed by soil and vegetation. The Township's goal with its stormwater management plan is to increase absorption of rainwater by soil and vegetation using mechanisms that reduce the velocity of flow and retain the water in natural areas. This will reduce the amount of pollutants being carried off to nearby watercourses and reduce flooding.

Project Description

The proposed project includes replacement of existing compacted gravel roads that currently have no stormwater management controls with pavement and specific stormwater controls, both structural and nonstructural, to properly control stormwater runoff and reduce nonpoint source pollution. Nonstructural management will include practices such as allowing stormwater to runoff roadways into vegetated areas as sheet flow where feasible, directing runoff into vegetated swales where feasible, and allowing stormwater that must be collected to bubble up through outlets and spread out as sheet flow runoff through vegetated filter strips and forested riparian buffers. Where it is not practical to utilize those nonstructural practices, stormwater will be collected and directed into an underground stormwater recharge system.

Project Name, Number

BERKELEY TOWNSHIP
340969-10
STORMWATER/EQUIPMENT

Priority List Rank

559

County

OCEAN

Existing Population

39,991

Service Area

Berkeley Township

Need for Project

Stormwater runoff is the most common way that nonpoint source pollution reaches local rivers, creeks and lakes. Rainwater carries chemicals, nutrients, sediments and other forms of nonpoint source pollution into local streams if the water is not absorbed by soil and vegetation. The Township's goal with its stormwater management plan is to increase absorption of rainwater by soil and vegetation using mechanisms that reduce the velocity of flow and retain the water in natural areas.

Project Description

The proposed project includes repairs to three culverts and purchase of two pure vacuum street sweepers with broom assist.

Project Name, Number

Priority List Rank

BERKELEY TOWNSHIP

559

340969-11

STORMWATER MANAGEMENT

County

OCEAN

Existing Population

39,991

Service Area

Berkeley Township

Need for Project

Stormwater runoff is the most common way that nonpoint source pollution reaches local rivers, creeks and lakes. Rainwater carries chemicals, nutrients, sediments and other forms of nonpoint source pollution into local streams if the water is not absorbed by soil and vegetation. The Township's goal with its stormwater management plan is to increase absorption of rainwater by soil and vegetation using mechanisms that reduce the velocity of flow and retain the water in natural areas. This will reduce the amount of pollutants being carried off to nearby watercourses and reduce flooding.

Project Description

The proposed project includes replacement of existing compacted gravel roads that currently have no stormwater management controls with pavement and specific stormwater controls, both structural and nonstructural, to properly control stormwater runoff and reduce nonpoint source pollution. Nonstructural management will include practices such as allowing stormwater to runoff roadways into vegetated areas as sheet flow where feasible, directing runoff into vegetated swales where feasible, and allowing stormwater that must be collected to bubble up through outlets and spread out as sheet flow runoff through vegetated filter strips and forested riparian buffers. Where it is not practical to utilize those nonstructural practices, stormwater will be collected and directed into an underground stormwater recharge system.

Project Name, Number

NEPTUNE TOWNSHIP

340410-06

SALT DOME

Priority List Rank

563

County

MONMOUTH

Existing Population

34,727

Service Area

Neptune Township

Need for Project

The existing salt storage on the Public Works site is only encapsulated on three (3) sides. As part of our Stormwater Management Permit from the State a contained Salt Storage facility is required. The proposed facility will reduce runoff and siltation to the on-site stormwater system and also reduce siltation and non point source runoff to Wesley Lake. Wesley Lake is in need of maintenance dredging and construction of the salt dome will help to alleviate the ongoing need of dredging the lake by minimizing the siltation in the runoff to the lake.

Project Description

The project consists of the construction of a prefabricated salt dome at our Public Works Garage located on Heck Avenue. The proposed structure is to be sixty-one(61) feet in diameter on a ten (10) foot tall concrete base wall.

Project Name, Number

Priority List Rank

NEPTUNE TOWNSHIP

563

340410-07

STORMWATER MANAGEMENT

County

MONMOUTH

Existing Population

34,727

Service Area

Neptune Township

Need for Project

The existing bulkhead is severely compromised. In certain areas it is to the point that it is no longer stabilizing in some areas. Due to the current state of the bulkhead, sand and soil are entering the Shark River through the bulkhead. The storm drain pipes behind the bulkhead are compromised and broken in some areas. These pipes need to be replaced and retrofitted with stormwater devices. By limiting the siltation and the runoff, the nonpoint source pollution of the Shark River will be greatly decreased.

Project Description

The Shark River Marina is located adjacent to South Riverside Drive in the Shark River Hills Section of Neptune. The proposed project includes replacement of the bulkhead, dredging of the channel, rehabilitation of storm drainage, and installation of tide flex valves and cofferdam around the existing underground storage tank.

Project Name, Number

Priority List Rank

NEPTUNE TOWNSHIP

563

340410-08

LAKE DREDGING

County

MONMOUTH

Existing Population

34,727

Service Area

Neptune Township

Need for Project

Three lakes within the Township suffer from excessive sediment deposits. Water quality will improve from removing sediment. The lakes do not settle out as they used to based on the limited volume to allow this to happen prior to discharge. There is limited if any water quality from the outfall from these lakes due to the nature of it's capacity and material.

Project Description

This project consists of the dredging of all three (3) lakes within the Township. Lake Alberta which is located along Neptune Boulevard east of Highway 33 at the border with Neptune City, Fletcher Lake, which is located at the south end of Ocean Grove along the border of Bradley Beach and Wesley Lake which is located at the north end of Ocean Grove on the border of Asbury Park.

Project Name, Number

RAHWAY CITY
340546-03
STORMWATER MANAGEMENT

Priority List Rank

570

County

UNION

Existing Population

26,500

Service Area

City of Rahway

Need for Project

Four existing storm pump stations must be rehabilitated for them to operate at their original design flow and head pressures. A sluice gate needs to be replaced due to ongoing operation and maintenance issues. A salt dome will eliminate runoff of contamination to nearby waterways.

Project Description

The proposed project includes the upgrade of four stormwater pump stations, replacement of a sluice gate and construction of a salt storage facility.

Project Name, Number

GALLOWAY TOWNSHIP

340892-03

STORMWATER

Priority List Rank

573

County

ATLANTIC

Existing Population

23,330

Service Area

The Pinehurst section of Galloway

Need for Project

A storm drainage system is necessary to alleviate problems caused by flooding during storm events. A collection system is needed to service existing problem areas.

Project Description

The proposed project includes construction of a storm drainage system consisting of interconnected inlets with perforated pipe discharges into strategically placed detention basins. An 8" PVC gravity collection system will be constructed to connect to existing lines.

<u>Project Name, Number</u>	<u>Priority List Rank</u>
HILLSIDE TOWNSHIP	577
340906-04	
STORMWATER MANAGEMENT	

County

UNION

Existing Population

21,370

Service Area

Township of Hillside

Need for Project

The stormwater management project will address a major flooding problem and curtail the release of pollutants to local waterways.

Project Description

This proposed project includes construction of a stormwater management system in Liberty Avenue, Hillside Avenue, and Shelton Terrace with an underground detention system at the Sanford Field Municipal Complex.

Project Name, Number

DUMONT BOROUGH
340922-04
STORMWATER MANAGEMENT

Priority List Rank

579

County

BERGEN

Existing Population

17,503

Service Area

Dumont

Need for Project

Dumont is making improvements to its stormwater system to minimize flooding and soil erosion to reduce potential nonpoint source pollution.

Project Description

The proposed project includes the cleaning of existing inlets and pipes, replacing undersized pipes, and installing additional inlets.

Project Name, Number

Priority List Rank

DUMONT BOROUGH

579

340922-05

FLOOD CONTROL IMPROVEMENTS

County

BERGEN

Existing Population

17,503

Service Area

Borough of Dumont

Need for Project

Various flood control improvements within the White Beeches, Berkeley Place and Roosevelt Avenue sections of the Borough that discharge into the Oradell Reservoir and Hirschfeld Brook drainage basins. Proposed improvements include replacement of undersized piping and inlets, cleaning of existing piping and structures, cleaning and re-profiling of existing ponds and culverts at an existing Golf Course and installation of additional piping and inlets.

Project Description

The existing drainage systems are severely undersized and silted causing frequent flooding resulting in an eroding drainage system and stormwater pollution that discharges into the Oradell Reservoir and Hirschfeld Brook.

Project Name, Number

Priority List Rank

STAFFORD TOWNSHIP

583

340946-04

VEHICLE WASH

County

OCEAN

Existing Population

13,325

Service Area

Township of Stafford

Need for Project

The NJDEP Stormwater Phase II Tier A General Permit requires Stafford Township to utilize a wash down station for public works vehicles. The wash down station proposed is a fixed film biological wastewater recycle system for wash water generated from the routine cleaning and de-greasing operations. The system uses a proprietary blend of engineered aerobic microbes for the assimilation of pollutants in the wash water. The microbes break down organic pollutants including oil, grease, antifreeze, gasoline, MTBE, benzenes, detergents, etc. Through assimilation, these microbes convert organic pollutants into harmless carbon dioxide and simple water.

The Township also proposes to purchase a combination sewer cleaner designed to perform cleaning and removal of sand, stone, bottles, cans, grease, sludge and other materials from basins, pits, pump stations, tanks and sanitary or storm water drain lines.

Project Description

The Township of Stafford is proposing to construct a wash down station for public works vehicles. The wash down station will be constructed in the Public Works Yard. This project is required by the NJDEP Stormwater Phase II Tier A general permit issued to the Township. Additionally, the Township will purchase a catch vac as needed to clean drains.

Project Name, Number

RINGWOOD BOROUGH
340157-01
EQUIPMENT PURCHASE

Priority List Rank

586

County

PASSAIC

Existing Population

12,396

Service Area

Borough of Ringwood

Need for Project

The need for the new vac truck is to clean all storm inlets, pipes, easements, etc. This is required so the drainage facilities are in proper working condition. It is also required by the new stormwater regulations. The need for the new street sweeper is to sweep all municipal streets of winter road grits and materials, leaves and other miscellaneous debris. This will help prevent sediment build up in our lakes and streams.

Project Description

The proposed project includes the purchase a new vac truck to assist in cleaning storm inlets, piping, easements, etc. Also included is purchase a new street sweeper to sweep winter products, leaves, debris, etc from all municipal streets.

Project Name, Number

Priority List Rank

KEANSBURG BOROUGH

589

340118-03

PUMP STATION IMPROVEMENTS

County

MONMOUTH

Existing Population

11,069

Service Area

Keansburg Borough

Need for Project

The Borough will install a grit/sediment chamber in conjunction with each pumping station to improve the quality of storm water that is currently being discharged into the Raritan Bay.

Project Description

The Borough is requesting funds to install mechanical pumping stations at two (2) of the six (6) existing outfalls: The Bayview Avenue Pumping Station and the Twilight Avenue Pumping Station.

Project Name, Number

Priority List Rank

WATERFORD TOWNSHIP

590

340163-02

SALT DOME

County

CAMDEN

Existing Population

10,940

Service Area

Waterford Township

Need for Project

The project is required for indoor storage and maintenance of vehicles and salt storage as required by stormwater management practices.

Project Description

The proposed project includes construction of a 60'X120' garage expansion and 40'X40' salt storage building including related site improvements.

Project Name, Number

LITTLE FALLS TOWNSHIP
340716-05
STORMWATER MANAGEMENT

Priority List Rank

591

County

PASSAIC

Existing Population

10,855

Service Area

Little Falls Township

Need for Project

This project will provide collection, pumping and discharge of stormwater that currently floods local streets and contributes to basement flooding. The project will prevent flood waters from seeping into sanitary sewer manholes and potential impacts on downstream pump stations and combined sanitary overflows.

Project Description

The proposed project improvements to the stormwater system include new collection system pipe work, a new 5,000 gpm pump station, and a force main with outfall to the Passaic river.

Project Name, Number

Priority List Rank

MOUNT HOLLY TOWNSHIP
340817-05
LAKE RESTORATION

592

County

BURLINGTON

Existing Population

10,728

Service Area

Mount Holly Township

Need for Project

Upper, Buttonwood and Wolman Lakes are eutrophic; they are all enriched with excess nutrients that can stimulate blooms of algae and plants knocking out the ecosystem.

Project Description

The project includes restoration of Upper, Buttonwood and Wolman Lakes.

Project Name, Number

BEACHWOOD BOROUGH
340208-01
STORMWATER CONTROLS

Priority List Rank

593

County

OCEAN

Existing Population

10,375

Service Area

Borough of Beachwood

Need for Project

This project is for stormwater controls to improve water quality.

Project Description

The proposed project includes construction of approximately 1,100 linear feet of stormwater and drainage infrastructure to encourage groundwater recharge in the watershed.

Project Name, Number

RIVER VALE TOWNSHIP
340188-01
STORMWATER MANAGEMENT

Priority List Rank

594

County

BERGEN

Existing Population

9,449

Service Area

Township of River Vale

Need for Project

The Township of River Vale is situated within an area which is critical to public drinking water supply. The Township borders on two reservoirs - Lake Tappan and Oradell Reservoir, and has several class one rivers and tributaries within its boundaries (Hackensack River, Pascack Brook). The Township's storm sewer system discharges directly into these critical waterbodies. The installation of these compliant castings will greatly reduce the volume of trash and floatables entering the public drinking water systems.

Project Description

The proposed project includes the replacement of the existing salt storage facility with a new upgraded facility sized to store 300 to 350 ton capacity. The project also includes minor site restoration as needed around the new facility and replacement of storm water inlet head pieces non-compliant Phase II Stormwater regulation.

Project Name, Number

BOGOTA BOROUGH
340914-02
STORMWATER MANAGEMENT

Priority List Rank

598

County

BERGEN

Existing Population

8,020

Service Area

Borough of Bogota

Need for Project

The Borough of Bogota is bordered by the Hackensack River, a Class One waterway, on its entire western boundary. The Borough's topography is such that it's entire storm water collection system discharges directly into the Hackensack River. This project will greatly reduce the amount of debris and floatables which currently enter the system through the non-compliant inlets.

Project Description

The proposed project includes reconstruction of non-standard, non-compliant storm water inlets complete with Phase II Stormwater regulation compliant head pieces on a comprehensive, Borough-wide basis. The project also include the purchase of a combined sewer vacuum and jet truck.

Project Name, Number

Priority List Rank

BOGOTA BOROUGH

598

340914-03

RIVER RD STORMWATER PUMP STATION

County

BERGEN

Existing Population

8,020

Service Area

Borough of Bogota

Need for Project

The existing drainage system is silted and undersized causing frequent flooding resulting in stormwater pollution. The Hackensack River is adjacent to the area of concern and receives all drainage and sediment pollution caused by the ineffective drainage system.

Project Description

Construction of a stormwater pump station on a property located off of River Road to alleviate flooding and soil erosion problems. Other improvements also include installation of a force main discharging into the Hackensack River, cleaning and stabilization of an existing ditch, cleaning of drainage piping and inlets, repair of the River Road culvert and installation of additional piping and inlets.

Project Name, Number

Priority List Rank

WOOD-RIDGE BOROUGH

602

340239-01

STORMWATER MANAGEMENT

County

BERGEN

Existing Population

7,644

Service Area

Wood-Ridge Borough

Need for Project

Water quality is improved by the project by efficiently directing storm water (gutter flow) to the existing storm drainage system. Under existing conditions, the isolated catch basins are subject to fetid conditions that promote mosquito breeding. The Borough routinely vacuums the isolated catch basins. On-Street water pooling will be addressed by installing catch basins at points that have chronic standing water.

Project Description

The Borough of Wood-Ridge seeks to install and/or attach catch basins to the existing storm drainage system at various locations. The six (6) locations have been identified by the Borough as poorly drained.

Project Name, Number

LINWOOD CITY
340217-01
STORMWATER MANGEMENT

Priority List Rank

606

County

ATLANTIC

Existing Population

7,172

Service Area

City of Linwood

Need for Project

Over time sediment and suspended solids discharge into water bodies lead to the water body becoming shallow. When this occurs it has negative affects on the health of the water body by leaving it susceptible to algae growth which effects other species of the plant and animal life in the water body. The proposed project is essential to the long term future health of three ponds, which in turn has a positive net impact on the health and well being of the general public, specifically to those residents and business in the immediate vicinity of the ponds, one of which is located partially on a school site.

Project Description

This water quality project includes the construction and installation of storm water sediment removal devices upstream of six outfall structures at the three different ponds in the City of Linwood. The filters will remove sediment and suspended solids from stormwater runoff prior to it entering the water bodies. The project is designed and will be built in accordance with current New Jersey Storm water Regulations. The intent of the project is to eliminate sediment and suspended solids from entering the ponds from the City streets. The project will also include the retrofitting and or reconstruction of all storm water catch basins/inlets (which ultimately discharge to the ponds) to meet current NJ stormwater regulations.

Project Name, Number

Priority List Rank

LINWOOD CITY

606

340217-02

STORMWATER DRAINAGE IMPROVEMENTS

County

ATLANTIC

Existing Population

7,172

Service Area

City of Linwood

Need for Project

This dual flood control and water quality project addresses a water quality need. Stormwater run-off is a major contributor to water pollution. In the case of this project site, major backups in the existing stormwater management system have led to flooding of private residential properties as well as making City streets impassable. The receding floodwaters often pick up sediment, grass clippings, mulch, and other items that would not ordinarily make their way into the municipal stormwater system. Furthermore, on numerous occasions, flood waters at the intersection of Frances Avenue and Grammercy Avenue have caused vehicles to become inundated and temporarily abandoned at the intersection. Private sheds and garages have also at times been flooded. This can result in harmful vehicle fluids being discharged into the Patcong Creek. While traditional and even new stormwater management features will be utilized to limit sediment load to the Patcong Creek, the elimination of flooding in the intersection will eliminate the possibility of other hazardous substances from being discharged into the stormwater sewer system.

Project Description

This project includes the complete re-construction of an aged and undersized storm drain system in the City of Linwood. The existing failed system, through a series of undersized pipes and outfalls eventually discharges to the Patcong Creek. The project once designed will alleviate significant flooding at two locations within the watershed, located at the intersections of Frances Avenue & Grammercy Avenue as well as on Brighton Drive. The project will be designed in accordance with all applicable NJDEP regulations including current NJ storm water regulations. The project will include sediment filters in addition to the flood mitigation measures to ensure that storm water run-off discharging to the Patcong Creek is cleaner.

Project Name, Number

OCEANPORT BOROUGH
340138-01
STORMWATER IMPROVEMENTS

Priority List Rank

611

County

MONMOUTH

Existing Population

5,807

Service Area

Oceanport Borough

Need for Project

Improvements to the stormwater system will reduce the amount of animal waste runoff entering Branchport Creek. Sampling of the creek has shown high levels of fecal coliform bacteria and the Monmouth Health Department has deemed the creek unsafe.

Project Description

The proposed upgrades to the stormwater system at Monmouth Park include construction of new building gutters and related appurtenances, improvements to the infield pond, improvements to drainage swales, and the purchase of maintenance equipment.

Project Name, Number

Priority List Rank

ENGLEWOOD CLIFFS BOROUGH

616

340169-01

STORMWATER MANAGEMENT/EQUIPMENT

County

BERGEN

Existing Population

5,322

Service Area

Borough of Englewood Cliffs

Need for Project

The purpose of this project is to alleviate flooding and restore the pond volume for water retention. The purpose of the purchase of the Jet/vacuum truck is to assist the DPW in maintaining the integrity of the sewer system. The Pershing Road Pond is subject to storm water runoff from nearby collector streets, which creates an overwhelming accumulation of silt and debris. As a result, the pond has formed large shoals and is heavily silted in certain areas. This sediment accumulation reduces the drainage capacity of the watercourse, raising the pond's water level with each season storm event. The purpose of this project is to alleviate flooding and restore the pond volume for water retention.

Project Description

The proposed project includes the equipment purchase of a Jet/Vacuum Sewer Truck to assist the DPW to maintain the integrity of the sewer system.

Project Name, Number

POINT PLEASANT BEACH BOROUGH
340479-03
LAKE DREDGING

Priority List Rank

617

County

OCEAN

Existing Population

5,314

Service Area

Borough of Point Pleasant Beach

Need for Project

Lake of the Lillies is eutrophic; enriched with excess nutrients that can stimulate blooms of algae and plants knocking out the ecosystem.

Project Description

The project includes restoration of Lake of the Lillies.

<u>Project Name, Number</u>	<u>Priority List Rank</u>
HIGHLANDS BOROUGH	620
340901-03	
STORMWATER/NPS MANAGEMENT	

County

MONMOUTH

Existing Population

4,849

Service Area

Highlands Borough

Need for Project

The existing drainage system, which drains into the Shrewsbury River, a C1 waterway, is undersized to handle the contributing drainage flow and runoff sediment from the upland areas. Existing drainage facilities in the low lying areas are regularly inundated by floodwaters originating from the New Jersey Route 36 corridor and adjacent upgradient areas of the Borough of Highlands, Township of Middletown and Borough of Atlantic Highlands. High intensity rainfall events, coupled with high tides, high stormwater velocities and head conditions result in the system backing up and extensive flooding of the low lying areas from Bay Avenue northward.

Project Description

The Borough proposes various stormwater system improvements in its Waterwitch Avenue, Valley Avenue and North Street drainage sub-basins. Improvements include construction of four (4) diversion chambers and two 36" transmission mains, construction of two (2) new outfalls and a new stormwater pump station, and replacement of an existing stormwater pump station, outfall and 1,200 LF of drainage piping.

Project Name, Number

HARRINGTON PARK BOROUGH
340223-01
DREDGING

Priority List Rank

622

County

BERGEN

Existing Population

4,740

Service Area

Borough of Harrington Park

Need for Project

The Blanch Brook has become filled with sediment and debris. Removal of the sediment and debris will restore the watercourse to its existing capacity and environmental conditions.

Project Description

This project consists of the dredging of the Blanch Brook.

Project Name, Number

LAMBERTVILLE SA
340882-07
EQUIPMENT PURCHASE

Priority List Rank

628

County

HUNTERDON

Existing Population

3,868

Service Area

Town of Lambertville

Need for Project

Sewer maintenance equipment and vehicles are needed for the operation and maintenance of the sewer system. Proper maintenance of the sewer system by reducing flooding and backups improves water quality and public health.

Project Description

The project involves the acquisition of sewer cleaning equipment.

Project Name, Number

STANHOPE BOROUGH

340504-03

NPS MANAGEMENT

Priority List Rank

633

County

SUSSEX

Existing Population

3,700

Service Area

Borough of Stanhope

Need for Project

A segment of the Morris Canal has filled with sediment and other debris resulting in shallow water depths which encourage weed and invasive plant growth. The piped aqueduct also has deposited silt and sediment covering the bottom 1/3 of the pipe and it is believed that many of the pipe joints are failing, allowing exfiltration of water into the surrounding soils (a sinkhole developed in 2007 which required emergency repairs).

Project Description

The proposed project includes cleaning and restoring the Morris Canal. This project will also include measures to improve the water quality of these discharges by installing water quality device(s) on the discharge pipes into the canal. The project also includes rehabilitation of sanitary manholes and individual sanitary laterals for Musconetcong Avenue, Spring Lane and Lake Street; and relining of a portion of a 16-inch transite sewer main along the lake.

Project Name, Number

HAMBURG BOROUGH
340149-02
STORMWATER MANAGEMENT

Priority List Rank

634

County

SUSSEX

Existing Population

3,105

Service Area

Borough of Hamburg

Need for Project

The roadway has no existing stormwater conveyance structures. Proposed improvements will control and reduce runoff.

Project Description

The proposed project includes installation of a new stormwater conveyance system.

Project Name, Number

PINE BEACH BOROUGH
340248-01
STORMWATER MANAGEMENT

Priority List Rank

640

County

OCEAN

Existing Population

1,950

Service Area

Borough of Pine Hill

Need for Project

This project will include the reconstruction and replacement of the stormwater drainage system to meet the NJDEP stormwater regulations.

Project Description

This project will include the reconstruction and replacement of the stormwater drainage system designed to meet the NJDEP stormwater regulations. It will include installation of stormwater pipe and, stormwater inlets.

Project Name, Number

WYCKOFF TOWNSHIP
340738-04
EQUIPMENT PURCHASE

Priority List Rank

641

County

BERGEN

Existing Population

1,900

Service Area

Township of Wyckoff

Need for Project

Implementation of a regional stormwater mangement plan will target stormwater runoff quality.

Project Description

The proposed project for purchase of maintenance equipment includes a street sweeper and a combination sewer machine to clean and maintain the stormwater collection system.

Project Name, Number

SEA BRIGHT BOROUGH
340077-01
STORMWATER PUMP STATION

Priority List Rank

642

County

MONMOUTH

Existing Population

1,818

Service Area

Borough of Sea Bright

Need for Project

Sea Bright is a barrier island surrounded by the Shrewsbury River on the west and the Atlantic Ocean on the East. Both the River and the Ocean must be protected from the possible leak of sanitary sewage from an old antiquated system (sanitary sewer rehabilitation and further the land must be protected from flooding both for the protection of life and property and the mixing and discharging of sewage during flood events. The storm water system and pumps will keep storm and sewage separate by removing the threat of floods on minor and intermediate storms.

Project Description

Construction of Sanitary Sewer Piping on Badmitton Court; Construction of Stormwater Pump stations and Stormwater Piping in Osborne, Church, River and Peninsula Streets and upgrades to River street and Middle Pump Stations.

Project Name, Number

MIDDLESEX COUNTY UA
342012-02
LANDFILL RENEWABLE ENERGY

Priority List Rank

644

County

MIDDLESEX

Existing Population

750,162

Service Area

Middlesex County

Need for Project

Middlesex County Landfill provides protection for surface and groundwater in conjunction with the operation of landfill activities.

Project Description

The proposed project includes installation of an auxiliary Landfill Gas Pipeline for the wastewater treatment Renewable Energy Electric Power Plant.

Project Name, Number

NEWARK CITY

340815-11

SITE REMEDIATION

Priority List Rank

645

County

ESSEX

Existing Population

273,550

Service Area

City of Newark

Need for Project

A former chemical site requires remedial measures to support brownfield development and provide significant environmental benefits. Placement of an impermeable cap along with installation of stormwater controls will ensure that rain water will not mobilize contaminants and pollute groundwater or the adjacent waterways.

Project Description

The proposed project includes demolition of existing buildings, installation of an impermeable cap and cover system, installation of stormwater controls.

Project Name, Number

Priority List Rank

CAPE MAY COUNTY MUA

650

342017-01

LANDFILL GAS BENEFICIAL REUSE

County

CAPE MAY

Existing Population

50,140

Service Area

Cape May County MUA - Wildwood/Lower Region and CCMUA - Seven
Mile/Middle Region

Need for Project

The project is for the beneficial use of landfill gas. It will entail the cleaning of landfill gas by removing sulfur, which allow for the burning of the gas in two 1-meg generators to create electricity.

Project Description

The project includes construction of sulfur scrubbers at the landfill.

Project Name, Number

Priority List Rank

STAFFORD TOWNSHIP

651

343076-01

LAND AQUISITION

County

OCEAN

Existing Population

22,532

Service Area

Township of Stafford

Need for Project

The Township plans to purchase land for water quality protection. The preservation and conservation of land is important to help protect and maintain water quality in the watershed. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase of the Clayton Property in Stafford to preserve open space and to protect water quality.

Project Name, Number

Priority List Rank

HUDSON COUNTY IA

655

340094-01

NONPOINT SOURCE MANGEMENT

County

HUDSON

Existing Population

38,577

Service Area

City of Hoboken

Need for Project

The project includes rehabilitation of existing structures incorporating water conservation/treatment and recycling that will reduce the volume of discharge and result in a higher quality discharge of both stormwater and black water from the site.

Project Description

The proposed water quality/water conservation project includes low water fixtures, a roof garden, stormwater storage, and geothermal piles.

Project Name, Number

BELLMAWR BOROUGH
342011-02
LANDFILL CLOSURE

Priority List Rank

656

County

CAMDEN

Existing Population

11,262

Service Area

Borough of Bellmawr

Need for Project

Proper closure of Fazzio Bellmawr Landfill will reduce leachate and stormwater discharges to Big Timber Creek.

Project Description

The proposed project includes closure of a landfill. The closure includes soil cover, improved grading, a structural landfill cap, creek stabilization, and a methane gas collection system, as well as long term surface and groundwater monitoring programs.

Project Name, Number

NJ WATER SA

343054-06

LAND AQUISITION

Priority List Rank

658

County

HUNTERDON

Existing Population

2,000,000

Service Area

Raritan Basin of central New Jersey

Need for Project

The NJWSA operates three facilities within the Raritan Basin: Spruce Run Reservoir, Round Valley Reservoir and the Delaware & Raritan Canal. These facilities are managed for the State, providing untreated bulk water to eleven major purveyors for treatment and distribution, providing an estimated 225-mgd supply of drinking water to central New Jersey residents.

The NJWSA (in some cases in partnership with local, county and state governments, as well as other, non-profit organizations) plans to purchase open space within the Raritan Basin for water quality protection. Preservation of land is important in order to help protect and maintain water quality in the project area. In general, the loss of open space contributes to adverse water quality impacts resulting from increases in impervious cover, loss of recharge areas and buffer zones and undesirable changes to historic stormwater drainage patterns.

Project Description

The proposed project is for the acquisition of portions of properties located within the municipalities of Delaware Township, Califon Borough, Bethlehem Township, Franklin Township, and Tewksbury Township in Hunterdon County and Mount Olive Township in Morris County.

Project Name, Number

NJ WATER SA
343054-07
LAND ACQUISITION

Priority List Rank

658

County

HUNTERDON

Existing Population

2,000,000

Service Area

Raritan Basin of central New Jersey

Need for Project

The NJWSA operates three facilities within the Raritan Basin: Spruce Run Reservoir, Round Valley Reservoir and the Delaware & Raritan Canal. These facilities are managed for the State, providing untreated bulk water to eleven major purveyors for treatment and distribution, providing an estimated 225-mgd supply of drinking water to central New Jersey residents.

The NJWSA (in some cases in partnership with local, county and state governments, as well as other, non-profit organizations) plans to purchase open space within the Raritan Basin for water quality protection. Preservation of land is important in order to help protect and maintain water quality in the project area. In general, the loss of open space contributes to adverse water quality impacts resulting from increases in impervious cover, loss of recharge areas and buffer zones and undesirable changes to historic stormwater drainage patterns.

Project Description

The proposed project is for the acquisition of portions of properties located within the municipalities of Delaware Township, Califon Borough, Raritan Township, and Tewksbury Township in Hunterdon County and Washington Township and Mount Olive Township in Morris County.

Project Name, Number

GLOUCESTER COUNTY IA
342016-01
LEACHATE LIFT STATION REHAB

Priority List Rank

661

County

GLOUCESTER

Existing Population

275,000

Service Area

Gloucester County

Need for Project

The planned improvements will protect ground water by ensuring that landfill leachate is removed from the landfill in a timely manner and transported for disposal through a secure conveyance system.

Project Description

The proposed project includes the rehabilitaion of six leachate lift stations and the replacement of approximately 1300 feet of single wall leachate force main with double wall pipe. Included will be new pumps, electrical instrumentation and other appurtenances.

Project Name, Number

GLOUCESTER COUNTY IA
343074-01
LAND AQUISITION

Priority List Rank

662

County

GLOUCESTER

Existing Population

254,000

Service Area

Gloucester County

Need for Project

The County plans to purchase land for water quality protection. The preservation and conservation of land is important to help protect and maintain water quality in the Raccoon Creek and the neighboring Delaware River. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase of land in Logan Township to preserve open space and to protect water quality.

Project Name, Number

ATLANTIC COUNTY UA
342001-02
LANDFILL CAP

Priority List Rank

663

County

ATLANTIC

Existing Population

250,000

Service Area

The municipalities of Absecon, Atlantic City, Brigantine, Egg Harbor City, Egg Harbor Township, Galloway, Hamilton, Linwood, Longport, Margate, Northfield, Pleasantville, Somers Point and Ventnor.

Need for Project

The project will reduce non-point source pollution runoff and improve groundwater quality.

Project Description

The proposed project includes final capping of the ACUA Landfill.

Project Name, Number

OLD BRIDGE TOWNSHIP
343043-02
LAND ACQUISITION

Priority List Rank

671

County

MIDDLESEX

Existing Population

60,456

Service Area

Township of Old Bridge

Need for Project

The Township plans to purchase land dominated with wetland areas for water quality protection. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase of land to preserve open space and to protect water quality.

Project Name, Number

Priority List Rank

PLAINFIELD CITY

674

340240-04

POTABLE WELL ABANDONMENT

County

UNION

Existing Population

47,829

Service Area

City of Plainfield

Need for Project

When new water system was installed, existing contaminated potable wells for nine homes on First Place were never properly abandoned.

Project Description

The proposed project includes abandonment of potable wells for nine homes on First Place.

Project Name, Number

SAYERVILLE BOROUGH

343075-01

LAND AQUISITION

Priority List Rank

678

County

MIDDLESEX

Existing Population

40,377

Service Area

Borough of Sayreville

Need for Project

The owner/developer of a currently vacant property has proposed building 207 single-family homes as well as some warehousing. Development of this tract would have adverse impacts on the stormwater management in the Borough and on the Raritan River and Raritan Bay. Preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of a parcel of land within the Borough to preserve open space and to protect water quality.

Project Name, Number

READINGTON TOWNSHIP
343034-04
LAND ACQUISITION

Priority List Rank

691

County

HUNTERDON

Existing Population

15,803

Service Area

Township of Readington

Need for Project

Open lands still remaining in Readington serve as water quality protection for the headwaters of vital tributaries to the North and South Branches to the Raritan River. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of land including parcels in the Raritan Basin Management Area to preserve open space and to protect water quality.

Project Name, Number

NJ CITY UNIVERSITY/JERSEY CITY MUA
340111-02
REMEDICATION/SANITARY/STORM

Priority List Rank

719

County

HUDSON

Existing Population

240,055

Service Area

New Jersey City University West Campus

Need for Project

PAH, metal, mercury, and PBC concentrations above the DEP applicable remediation standards are present in the soils on-site. The phreatic zone is six feet below the ground surface. As a result, the groundwater is impacted with metals and carbon tetrachloride above the DEP Groundwater Quality Criteria. The soil contamination is present below six existing buildings.

Project Description

The proposed remediation includes a vapor cap for hexavalent chromium and mercury vapor and excavation for PAHs and other metals. The buildings and their foundations overlying the AOCs need to be demolished in order to perform the remediation. Sanitary sewer mains will also be installed.

Project Name, Number

BAYONNE LRA

340051-05

DEMOLITION/STORMWATER CONTROLS

Priority List Rank

725

County

HUDSON

Existing Population

61,842

Service Area

Peninsula at Bayonne Harbor

Need for Project

Existing conditions on the site allow for stormwater to collect within the exposed basement of the former industrial building, and stagnate/mix with the demolition debris. These conditions contribute to water stagnation, and unknown water quality consequences of standing water in demolition debris. The proposed project will 1) result in removal of the debris, 2) bring the site to grade so that basement water collection cannot occur, and 3) facilitate the collection of stormwater into the existing on-site system. The project will also serve to prepare the site for DEP-approved redevelopment of the site, which includes substantial water quality and flood control measures.

Project Description

The project is located on the Peninsula at Bayonne Harbor, which is the site of the former Military Ocean Terminal - Bayonne (MOTBY). The proposed work consists of completing the US Army's unfinished demolition of a former warehouse structure, and preparing the demolished footprint for collection of stormwater into the existing system. Under existing conditions, the unfinished demolition has created a hole in the ground, which collects stormwater that stagnates and mixes with the debris. The proposed work will complete the demolition and removal of concrete from the basement hole, fill in the hole with material, and prepare the surface for routing of stormwater to the existing system that surrounds the former building. The project is fully permitted, with the exception of soil erosion and sediment control permit application that is currently being prepared.

<u>Project Name, Number</u>	<u>Priority List Rank</u>
BAYONNE LRA 340051-06 STORMWATER CONTROLS	725

County

HUDSON

Existing Population

61,842

Service Area

Peninsula at Bayonne Harbor

Need for Project

Existing conditions on the site allow for stormwater to fall on 90 acres of unstabilized soil that has been placed on the Peninsula to raise the site out of the floodplain. These conditions contribute suspended sediment into the stormwater via both 1) sheetflow, and 2) wind-blown sand that deposits on the street system. The proposed project will substantially reduce soil erosion and the introduction of suspended sediment into the adjoining New York Harbor.

Project Description

The project is located on the Peninsula at Bayonne Harbor, site of the former Military Ocean Terminal - Bayonne (MOTBY). The proposed work consists of stabilizing approximately 90 acres of unstabilized soil that has been deposited on the site to raise it out of the floodplain. Specifically, the work consists of final grading and the placement of topsoil & hydroseed to stabilize the 90 acre area. Upon completion, stormwater across the stabilized area will be collected in a stormwater collection and treatment system that is currently under construction (using NJEIT funding). The project is fully permitted and shovel ready.

Project Name, Number

BAYONNE LRA
340051-07
STORMWATER CONTROLS

Priority List Rank

725

County

HUDSON

Existing Population

61,842

Service Area

Penninsula at Bayonne Harbor

Need for Project

Existing conditions on the site allow for stormwater to sheetflow across the site and directly over the collapsed bulkhead and into New York Harbor. These conditions contribute to poor water quality and sedimentation of the Harbor. The proposed project will 1) prevent additional erosion and associated Harbor siltation from occurring, 2) facilitate stormwater collection and discharge, and 3) serve as the basis for the DEP-approved redevelopment of the site, which includes substantial water quality and flood control measures.

Project Description

The project is located on the Peninsula at Bayonne Harbor, site of the former Military Ocean Terminal - Bayonne (MOTBY). The proposed work consists of reconstructing a shoreline area where approximately 1,800 feet of bulkhead has completely collapsed, and the associated upland stormwater collection system is no longer functional. The existing conditions allow unfettered stormwater sheetflow to enter directly into New York Harbor. The proposed project would reconstruct the 1,800 foot section of failed bulkhead, stormwater outfalls, and associated upland stormwater collection infrastructure for purposes of remedying the existing uncontrolled condition. The project is fully permitted (NJDEP and Army Corps), with the exception of a soil erosion and sediment control permit, for which a permit application is presently being prepared.

Project Name, Number

Priority List Rank

UNION COUNTY IA

731

340124-01

SITE REMEDIATION

County

UNION

Existing Population

11,000

Service Area

City of Elizabeth

Need for Project

The former Celadon Site in Elizabeth needs remedial measures to support brownfield development and provide significant environmental benefits. Stormwater controls will ensure that rain water will not mobilize contaminants and pollute groundwater or the adjacent Newark Bay.

Project Description

The proposed project includes installation of stormwater controls.

Project Name, Number

Priority List Rank

GLOUCESTER COUNTY IA

733

342016-02

LANDFILL EXPANSION

County

GLOUCESTER

Existing Population

275,000

Service Area

Gloucester County

Need for Project

This project is for the construction of a new dual composite lined landfill cell at the Gloucester County Solid Waste Complex that will protect the ground water resources of the State.

Project Description

The proposed project includes the construction of an approximately 10 acre landfill cell at the Gloucester County Solid Waste Complex in South Harrison Township. The approved cell design includes a dual containment liner system and leachate collection. Completion of this project will allow for the uninterrupted disposal of solid waste in an environmentally sound manner that is protective of the regions ground water resources.

<u>Project Name, Number</u>	<u>Priority List Rank</u>
CUMBERLAND COUNTY IA 342015-01 LANDFILL LEACHATE CONTROLS	734

County

CUMBERLAND

Existing Population

152,000

Service Area

Cumberland County

Need for Project

This dual composite lined facility will protect the ground water resources of the State and will extend the useful life of the facility until approximately 2030.

Project Description

This project is the Phase VI Expansion oat the Cumberland County Solid Waste Complex in Deerfield Township. The expansion consists of approx. 32 acres of dual composite lined landfill cells with leachate collection systems.

Project Name, Number

Priority List Rank

CUMBERLAND COUNTY IA

734

342015-02

HAZARDOUS WASTE FACILITY

County

CUMBERLAND

Existing Population

152,000

Service Area

Cumberland County

Need for Project

The construction of the facility is consistent with the Statewide Solid Waste Management Plan. Such a facility will protect the State's ground water resources.

Project Description

The CCIA proposes to construct a permanent Household Hazardous Waste/ Universal Waste Facility at the Cumberland County Solid Waste Complex. The facility will be approximately 9600 sq. ft under roof and will allow for the continuous collection of household hazardous waste and universal waste.

Project Name, Number

Priority List Rank

CAPE MAY COUNTY MUA
342017-02
LANDFILL GAS SCRUBBERS

736

County

CAPE MAY

Existing Population

50,140

Service Area

Cape May County MUA - Wildwood/Lower Region and CMCMUA - Seven Mile/Middle Region

Need for Project

This project will reduce green house gas emissions in several manners: This project, fueled by scrubbed landfill gas, will destroy methane produced by the landfill. The generator fuel will be scrubbed of sulfur compounds, siloxane compounds, particulate matter and moisture, thereby reducing these constituents to de minimis amounts. By generating two (2) megawatts of electricity, the CMCMUA is supplying the need for two (2) megawatts of electricity that would otherwise be generated by fossil fueled plants. This project will result in benefits other than direct reductions of greenhouse gas emissions: The engines will reduce atmospheric discharge by over 61,000 metric tons of CO2 equivalents. Two (2) less megawatts of power will be necessary for other plants to generate. Sulfur compounds, siloxane compounds, and particulate matter will be also reduced from landfill emissions. Jobs are always maintained or created by construction expenditures.

This project also provides added benefits: As this project will not be eligible for net metering and/or net metering criteria projects, no other funding is currently available. This project can be easily replicated. We have had many visitors to our site to see how we have constructed our first electrical generating plant for their own plans for construction. All gas is metered and tested which will result in measurable data. The project is not only ready to proceed, but has already completed the required feasibility studies by PJM and ACE. The CMCMUA has the experience and the capacity to complete this project as we have already constructed a three (3) engine, 450 kw electrical generating plant which has been in operation since March 2007.

Project Description

This project will be to construct a two (2) megawatt generating plant at the Cape May County Municipal Utilities Authority's (CMCMUA) Landfill and Recycling Complex. Landfill gas, a renewable energy, will be used as fuel for the engines. Since the landfill site is already generating enough electricity to be self sufficient, there is no need for net metering and this additional generation will be sold back to the grid.

Project Name, Number

PERTH AMBOY RA
340435-07
SITE RMEDIATION

Priority List Rank

737

County

MIDDLESEX

Existing Population

47,303

Service Area

City of Perth Amboy

Need for Project

A 105.4-acre site in Perth Amboy is contaminated as a result of widespread distribution of slag fill. The contaminants of concern are primarily arsenic, antimony and lead.

Project Description

The proposed project includes soil and groundwater remediation of a 105.4-acre site. Remediation will consist of excavation and removal of select areas of slag materials in direct contact with groundwater, targeted soil remediation for select areas with petroleum-related and PCB contaminants, a reduction in groundwater flow through the site, treatment of groundwater to reduce contaminant loading to Crane's Creek, and implementation of site-wide engineering controls to minimize stormwater infiltration as well as direct contact with contaminated material.

Project Name, Number

Priority List Rank

LAWRENCE TOWNSHIP
340395-02
SITE REMEDIATION

738

County

MERCER

Existing Population

29,159

Service Area

Township of Lawrence

Need for Project

The removal of silt from Colonial Lake improved the water quality of the lake, provided rehabilitation of the overall stormwater management capability, re-established fish habitation in the lake and enhanced the dissolved oxygen levels and increased the amount of aquatic biota. The silt was stockpiled on a 28.3 acre site. Environmental investigations of the stockpiled material have revealed the presence of polynuclear aromatic hydrocarbons at concentrations above the soil cleanup criteria requiring either removal or capping.

Project Description

The proposed project includes either the removal and off-site disposal of contaminated spoils or the capping of the spoils on-site or a combination of remedial activities.

Project Name, Number

WOODBIDGE TOWNSHIP
340433-10
SITE REMEDIATION

Priority List Rank

742

County

MIDDLESEX

Existing Population

97,203

Service Area

Township of Woodbridge

Need for Project

Remediation of soil contamination at the Property will remove a continuing source of groundwater contamination

Project Description

The project consists of building demolition and remediation of underlying and surrounding contaminated soil at the property located at 150 Avenel Street, Woodbridge, New Jersey (the former General Dynamics facility) in preparation for site redevelopment. The property is currently owned by 150 Avenel LLC

Project Name, Number

Priority List Rank

LINDEN CITY
340679-02
SITE REMEDIATION

746

County

UNION

Existing Population

39,394

Service Area

City of Linden

Need for Project

The redevelopment of the former GM Linden plant will result in significant improvement to the State's water quality by both infrastructure improvements and site re-mediation activities. Infrastructure improvements will include creation of new and replacement of old storm water conveyances, ensuring proper handling and transportation of storm water away from impervious surfaces and into the existing municipal system; the installation of catch basins that will reduce TSS and sediment transport to surface water; and complete replacement of the sanitary system that served the GM plant with new systems that will prevent infiltration of wastewater to groundwater. Site remediation activities will include re-mediation of groundwater contamination originating from the GM site, excavation of contaminated soil and other sources of groundwater contamination and installation of engineering and institutional controls to protect water quality. Linden Development anticipates use of sustainable building components including solar panels and low TSS roofing to mitigate sediment runoff.

Project Description

Demolition, environmental re-mediation, new infrastructure, and redevelopment of a shuttered General Motors Plant at 1016 W. Edgar Rd. (US Rte. 1 & 9) in Linden, New Jersey. It is about 13 miles from Manhattan adjacent to a major thoroughfare. The site is approximately 102 contiguous acres in size and will be re-developed into mixed-commercial uses. This revitalization project will bring a significant number of sorely needed jobs to the area and will dramatically increase tax income for the City and the State. This project is fully supported by the City of Linden Mayor's office and administrative office.

Project Name, Number

BELLEVILLE TOWNSHIP
340243-01
SITE REMEDIATION

Priority List Rank

747

County

ESSEX

Existing Population

35,928

Service Area

Belleville Township

Need for Project

A former chemical site requires remedial measures to support brownfield development and provide significant environmental benefits. Placement of an impermeable cap along with installation of stormwater controls will ensure that rain water will not mobilize contaminants and pollute groundwater or the adjacent waterways.

Project Description

The proposed project includes clean-up of soils and groundwater, installation of an impermeable cap and cover system, installation of stormwater controls.

Project Name, Number

Priority List Rank

PHILLIPSBURG RA

749

340874-06

RIVERVIEW AT DELEWARE STATION

County

WARREN

Existing Population

15,166

Service Area

Town of Phillipsburg

Need for Project

The Riverview at Delaware Station development project will reinvigorate Phillipsburg. The area is contaminated. It has a Contaminated Historic Fill, Chlorinated Solvent Impacted Soil and Ground Water, TPHC Impacted Soil, Impacted Subsurface Soil Gas Vapor, Suspected Gasoline UST, Abandoned Seepage Pit and Asbestos impacts.

Project Description

The project involves the remediation of an old railway train station and the building of 449 town house residential units on the site. The project seeks funding to embark on the remediation of the site as well as construction of storm water remediation systems and drinking water and waste water systems. The developers have done a storm water plan according to NJDEP storm water regulations. Storm water management will be achieved on the site through the use of a conventional storm water collection system of 8230 linear feet of reinforced concrete pipe and 66 storm water inlets. The collected storm water is routed through two detention/infiltration basins and one retention basin before being discharged into the Delaware River. Through the review of local, county and state regulatory agencies the system as designed meets the required regulatory design standards. This project has received all state, county and municipal and DEP approvals based on current plans. The project involves a land remediation process. Areas needing remedial action include: the Contaminated Historic Fill, Chlorinated Solvent Impacted Soil and Ground Water, TPHC Impacted Soil, Impacted Subsurface Soil Gas Vapor, Suspected Gasoline UST, Abandoned Seepage Pit Closure, Railroad Tie removal and disposal and Asbestos Removal. This involves a number of processes including: Strip Topsoil - 1' depth, General Excavation, Fill compaction, Rough Grade R.O.W., Landscape Berm Grading, Detention Basin Grading, Basin Topsoil Return, Subgrade after utilities, Fine grade / topsoil return, Rough Grade Open Space, Truck in fill, Excavation of loose material and Re-Install & Compact Material

Project Name, Number

TETERBORO BOROUGH
340339-02
SITE REMEDIATION

Priority List Rank

752

County

BERGEN

Existing Population

18

Service Area

Borough of Teterboro

Need for Project

Remediation of this site will significantly improve the quality of the groundwater.

Project Description

This project is a Brownfield Redevelopment Project of a former manufacturing facility. The applicant proposes to remediate both soil and groundwater at the project site through soil excavation and in-situ treatment.

Project Name, Number

TETERBORO BOROUGH
340339-03
SITE REMEDIATION

Priority List Rank

752

County

BERGEN

Existing Population

18

Service Area

Teterboro Borough

Need for Project

A redevelopment project in Teterboro will eliminate contaminated runoff and leachate from discharges to surrounding water bodies and groundwater that could adversely impact water quality in the project area. New sewer and stormwater infrastructure will eliminate an existing combined system.

Project Description

The proposed project includes construction of stormwater management controls and a sanitary sewer conveyance system.

Appendix E

Interim Financing Program Clean Water Eligibility List

Appendix E
2010 Financing Program (SFY 2011)
Interim Financing Program
Clean Water Eligibility List in
Alphabetical Order

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Aberdeen Township	503	S340869-02	\$6,223,655	CS
<input type="checkbox"/>	Allamuchy Township	97	S340256-02	\$3,997,392	STP
<input type="checkbox"/>	Asbury Park City	129	S340883-04	\$16,713,680	Swr,Strm
<input type="checkbox"/>	Atlantic County Util. Auth.	171	S340809-10	\$1,780,655	Swr
<input checked="" type="checkbox"/>	Atlantic County Util. Auth.	383	S340809-11	\$7,602,671	RWBR
<input type="checkbox"/>	Atlantic County Util. Auth.	382	S340809-14	\$4,679,566	RWBR
<input type="checkbox"/>	Atlantic County Util. Auth.	40	S340809-17	\$9,266,707	STP
<input type="checkbox"/>	Atlantic County Util. Auth.	547	S340809-18	\$2,317,315	Bldg
<input type="checkbox"/>	Atlantic County Util. Auth.	547	S340809-19	\$1,522,661	NP
<input type="checkbox"/>	Atlantic County Util. Auth.	547	S340809-20	\$570,013	Strm
<input type="checkbox"/>	Atlantic County Util. Auth.	122	S340809-21	\$8,492,702	FM
<input type="checkbox"/>	Atlantic County Util. Auth.	663	S342001-02	\$5,962,475	Ldfill
<input type="checkbox"/>	Atlantic Highlands Reg. Sewage Auth.	148	S340857-02	\$332,158	Swr,PS
<input type="checkbox"/>	Barrington Borough	307	S340305-02	\$1,396,910	Swr
<input checked="" type="checkbox"/>	Bayonne Local Redevelop. Auth.	725	S340051-05	\$2,451,173	BR,Strm
<input checked="" type="checkbox"/>	Bayonne Local Redevelop. Auth.	725	S340051-06	\$3,471,822	BR,Strm
<input checked="" type="checkbox"/>	Bayonne Local Redevelop. Auth.	725	S340051-07	\$7,111,175	Strm,OR
<input type="checkbox"/>	Bayonne Munic. Util. Auth.	18	S340399-30	\$4,707,113	Alt

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Bayshore Reg. Sewerage Auth.	25	S340697-04	\$7,846,596	STP,Alt
<input type="checkbox"/>	Beachwood Borough	593	S340208-01	\$416,419	Strm
<input type="checkbox"/>	Belleville Township	747	S340243-01	\$7,478,656	BR
<input checked="" type="checkbox"/>	Bellmawr Borough	656	S342011-02	\$66,350,624	Ldfill
<input type="checkbox"/>	Belmar Borough	311	S340209-01	\$1,212,010	Swr,Strm
<input checked="" type="checkbox"/>	Bergen County Util. Auth.	108	S340386-06	\$12,743,389	STP
<input checked="" type="checkbox"/>	Bergen County Util. Auth.	109	S340386-08	\$23,196,617	STP
<input checked="" type="checkbox"/>	Bergen County Util. Auth.	87	S340386-09	\$31,783,125	I/I
<input type="checkbox"/>	Bergenfield Borough	223	S340378-02	\$2,618,381	Swr
<input type="checkbox"/>	Berkeley Township	559	S340969-07	\$8,786,832	Strm
<input type="checkbox"/>	Berkeley Township	559	S340969-10	\$239,554	Strm(3)
<input type="checkbox"/>	Berkeley Township	559	S340969-11	\$2,391,694	Strm
<input type="checkbox"/>	Berkeley Twp. Sewage Auth.	489	S340969-08	\$6,137,256	CS
<input type="checkbox"/>	Berkeley Twp. Sewage Auth.	489	S340969-09	\$4,202,120	CS
<input type="checkbox"/>	Beverly Sewage Auth.	120	S340167-01	\$570,013	STP
<input type="checkbox"/>	Bogota Borough	598	S340914-02	\$1,218,865	Strm
<input type="checkbox"/>	Bogota Borough	598	S340914-03	\$6,614,815	Strm
<input type="checkbox"/>	Bordentown Sewage Auth.	105	S340219-01	\$2,718,518	STP,CS
<input type="checkbox"/>	Bordentown Sewage Auth.	297	S340219-02	\$1,396,910	Swr
<input type="checkbox"/>	Bound Brook Borough	139	S340295-01	\$360,245	Swr(3)
<input type="checkbox"/>	Brick Township	189	S340448-07	\$1,584,586	PS
<input type="checkbox"/>	Brick Township	189	S340448-08	\$930,136	Swr
<input type="checkbox"/>	Bridgeton City	251	S340829-02	\$1,387,415	Swr
<input type="checkbox"/>	Bridgewater Township	133	S340638-06	\$1,259,960	Swr

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Brigantine City	276	S340827-03	\$5,530,818	Swr,Eq
<input type="checkbox"/>	Burlington County	378	S340818-04	\$7,846,596	SLDGE
<input type="checkbox"/>	Burlington County Bridge Commission	545	S340818-05	\$5,962,475	Strm
<input type="checkbox"/>	Burlington Township	242	S340712-08	\$839,005	Swr
<input checked="" type="checkbox"/>	Camden City	10	S340366-03	\$10,361,096	PS
<input checked="" type="checkbox"/>	Camden City	10	S340366-07	\$19,257,315	Swr
<input checked="" type="checkbox"/>	Camden City	10	S340366-09	\$5,308,104	PS
<input checked="" type="checkbox"/>	Camden City	10	S340366-10	\$708,917	CSO
<input checked="" type="checkbox"/>	Camden City	465	S340366-11	\$2,049,114	Strm
<input checked="" type="checkbox"/>	Camden City	10	S340641-03	\$8,879,791	Swr
<input checked="" type="checkbox"/>	Camden County Munic. Util. Auth.	121	S340640-10	\$75,767,100	INT,STP
<input checked="" type="checkbox"/>	Camden County Munic. Util. Auth.	52	S340640-11	\$7,846,596	STP
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	78	S340661-07	\$2,305,676	STP
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	199	S340661-08	\$247,348	Swr(3)
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	385	S340661-09	\$384,168	Rehab
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	44	S340661-10	\$289,789	STP
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	199	S340661-11	\$289,789	PS,Rehab
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	199	S340661-12	\$6,614,815	FM
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	385	S340661-13	\$570,013	NP
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	650	S342017-01	\$954,929	Alt
<input type="checkbox"/>	Cape May County Munic. Util. Auth.	736	S342017-02	\$6,354,123	NP
<input type="checkbox"/>	Carneys Point Township	304	S340502-06	\$510,792	PS
<input type="checkbox"/>	Carteret Borough	240	S340939-05	\$3,997,392	Swr,PS
<input type="checkbox"/>	Chatham Borough	290	S340403-06	\$1,713,312	Swr

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Cinnaminson Sewage Auth.	145	S340170-04	\$955,479	Swr
<input type="checkbox"/>	Cinnaminson Township	529	S340170-05	\$647,074	Bldg
<input checked="" type="checkbox"/>	Cliffside Park Borough	79	S340847-05	\$2,718,518	Swr
<input type="checkbox"/>	Clifton City	187	S340844-02	\$570,013	PS
<input type="checkbox"/>	Collingswood Borough	158	S340291-03	\$1,003,115	PS
<input type="checkbox"/>	Cranford Township	155	S340858-01	\$1,157,106	I/I,CL
<input type="checkbox"/>	Cranford Township	532	S340858-04	\$2,969,927	Strm
<input type="checkbox"/>	Cumberland County Improv. Auth.	734	S342015-01	\$25,607,620	Ldfill
<input type="checkbox"/>	Cumberland County Improv. Auth.	734	S342015-02	\$2,049,114	Bldg
<input type="checkbox"/>	Cumberland County Util. Auth.	229	S340550-05	\$1,713,312	FM
<input type="checkbox"/>	Delaware Township Munic. Util. Auth.	70	S340917-01	\$3,866,213	STP
<input type="checkbox"/>	Delran Township	528	S340794-06	\$1,220,236	Bldg
<input type="checkbox"/>	Deptford Township Munic. Util. Auth.	221	S340066-02	\$5,478,436	PS,CS
<input type="checkbox"/>	Dumont Borough	579	S340922-04	\$3,734,892	Strm
<input type="checkbox"/>	Dumont Borough	579	S340922-05	\$4,784,482	Strm
<input type="checkbox"/>	East Brunswick Sewage Auth.	204	S340168-01	\$1,847,907	Swr
<input type="checkbox"/>	East Greenwich Township	517	S340368-02	\$2,781,719	PS
<input type="checkbox"/>	East Orange Water Comm.	186	S340843-01	\$3,997,392	I/I
<input type="checkbox"/>	East Windsor Munic. Util. Auth.	95	S340536-07	\$2,718,518	STP
<input type="checkbox"/>	Eatontown Sewage Auth.	267	S340136-01	\$5,962,475	Swr,PS
<input type="checkbox"/>	Edgewater Borough	140	S340446-11	\$944,671	STP
<input type="checkbox"/>	Edgewater Borough	304	S340446-12	\$693,244	Swr
<input type="checkbox"/>	Edgewater Park Sewage Auth.	303	S340108-02	\$4,385,536	PS,Rehab
<input checked="" type="checkbox"/>	Elizabeth City	24	S340942-11	\$5,308,104	CSO

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input checked="" type="checkbox"/>	Elizabeth City	59	S340942-12	\$1,025,159	CSO
<input type="checkbox"/>	Elmwood Park Borough	250	S340863-01	\$985,189	I/I
<input type="checkbox"/>	Englewood Cliffs Borough	616	S340169-01	\$430,399	Strm,Eq(3)
<input checked="" type="checkbox"/>	EUCJM - Elizabeth City	110	S340686-06A	\$4,500,000	STP
<input checked="" type="checkbox"/>	EUCJM - Irvington Township	110	S340686-06C	\$1,630,000	STP
<input checked="" type="checkbox"/>	EUCJM - Newark City	110	S340686-06D	\$1,050,000	STP
<input checked="" type="checkbox"/>	EUCJM - South Orange Village Township	110	S340686-06E	\$460,000	STP
<input checked="" type="checkbox"/>	EUCJM - West Orange Township	110	S340686-06F	\$1,170,000	STP
<input checked="" type="checkbox"/>	EUCJM- Hillside Township	110	S340686-06B	\$520,000	STP
<input type="checkbox"/>	Evesham Twp Munic. Util. Auth.	113	S340838-03	\$3,451,177	I/I,FM
<input type="checkbox"/>	Ewing Lawrence Sewage Auth.	3	S340391-08	\$9,782,685	FM
<input type="checkbox"/>	Fairview Borough	289	S340517-01	\$1,522,661	I/I
<input type="checkbox"/>	Franklin Township Sewage Auth.	197	S340839-05	\$2,049,114	PS
<input type="checkbox"/>	Galloway Township	573	S340892-03	\$2,183,395	Strm
<input type="checkbox"/>	Galloway Township	228	S340892-04	\$666,345	PS
<input type="checkbox"/>	Garfield City	218	S340172-01	\$3,997,392	Swr
<input type="checkbox"/>	Gibbsboro Borough	346	S340871-03	\$1,518,344	Swr
<input type="checkbox"/>	Glen Ridge Borough	301	S340861-01	\$337,786	I/I
<input type="checkbox"/>	Gloucester County Improv. Auth.	661	S342016-01	\$1,388,163	Ldfill,PS
<input type="checkbox"/>	Gloucester County Improv. Auth.	733	S342016-02	\$5,962,475	Ldfill
<input type="checkbox"/>	Gloucester County Improv. Auth.	662	S343074-01	\$2,049,114	Land
<input type="checkbox"/>	Gloucester County Util. Auth.	111	S340902-05	\$480,088	STP
<input type="checkbox"/>	Gloucester County Util. Auth.	174	S340902-06	\$1,834,464	FM
<input type="checkbox"/>	Gloucester County Util. Auth.	381	S340902-07	\$2,049,114	Rehab

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Gloucester Township	553	S340364-07	\$1,881,499	Strm
<input type="checkbox"/>	Gloucester Township	553	S340364-08	\$861,108	NP
<input type="checkbox"/>	Gloucester Township Munic. Util. Auth.	196	S340364-01	\$2,742,687	Swr
<input type="checkbox"/>	Hackensack City	65	S340923-10	\$39,469,524	CSO
<input type="checkbox"/>	Hackensack City	206	S340923-11	\$2,049,114	Swr
<input type="checkbox"/>	Haddonfield Borough	274	S340220-01	\$2,517,530	Swr,Strm
<input type="checkbox"/>	Haledon Borough	149	S340173-01	\$1,396,910	Swr
<input type="checkbox"/>	Hamburg Borough	340	S340149-01	\$985,189	PS
<input type="checkbox"/>	Hamburg Borough	634	S340149-02	\$570,013	Strm
<input type="checkbox"/>	Hamilton Township	177	S340898-02	\$13,012,687	Swr
<input type="checkbox"/>	Hamilton Township	61	S340898-03	\$430,399	STP
<input type="checkbox"/>	Hamilton Township	177	S340898-04	\$6,739,361	Swr
<input type="checkbox"/>	Hamilton Township	177	S340898-05	\$3,032,199	Rehab
<input type="checkbox"/>	Harrington Park Borough	622	S340223-01	\$430,399	NP
<input type="checkbox"/>	Hawthorne Borough	253	S340881-04	\$708,917	FM
<input type="checkbox"/>	Highland Borough	620	S340901-03	\$1,205,942	Strm
<input type="checkbox"/>	Hillsborough Township	408	S340099-01	\$6,614,815	Swr
<input type="checkbox"/>	Hillside Township	577	S340906-04	\$748,257	Strm
<input type="checkbox"/>	Hopatcong Borough	22	S340488-05	\$17,222,998	CS
<input type="checkbox"/>	Hopatcong Borough	527	S340488-06	\$570,013	Strm
<input checked="" type="checkbox"/>	Hudson County Improv. Auth.	655	S340094-01	\$6,614,815	NP
<input type="checkbox"/>	Island Heights Borough	357	S340176-01	\$392,454	PS
<input type="checkbox"/>	Island Heights Borough	357	S340176-02	\$102,348	PS(3)
<input type="checkbox"/>	Jackson Township Munic. Util. Auth.	205	S340953-02	\$2,049,114	I/I

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Jamesburg Borough	312	S340224-01	\$1,117,248	Swr,l/I
<input checked="" type="checkbox"/>	Jersey City Munic. Util. Auth.	26	S340928-06	\$4,653,327	Swr
<input checked="" type="checkbox"/>	Jersey City Munic. Util. Auth.	26	S340928-07	\$3,345,345	CSO
<input checked="" type="checkbox"/>	Jersey City Redevelop. Agcy	396	S340119-01	\$3,000,793	Swr,Strm,NP
<input type="checkbox"/>	Keansburg Borough	589	S340118-03	\$1,847,907	PS
<input type="checkbox"/>	Kearny Munic. Util. Auth.	126	S340259-07	\$6,093,106	PS
<input type="checkbox"/>	Lambertville Sewage Auth.	82	S340882-06	\$8,955,868	STP
<input type="checkbox"/>	Lambertville Sewage Auth.	628	S340882-07	\$430,399	Eq(3)
<input type="checkbox"/>	Lawrence Township	738	S340395-02	\$18,347,670	BR
<input type="checkbox"/>	Linden City	746	S340679-02	\$16,322,578	BR
<input type="checkbox"/>	Linwood City	606	S340217-01	\$937,026	Strm
<input type="checkbox"/>	Linwood City	606	S340217-02	\$2,183,362	Strm
<input type="checkbox"/>	Little Falls Township	591	S340716-05	\$1,235,996	Strm
<input type="checkbox"/>	Little Falls Township	282	S340716-06	\$1,163,975	PS
<input type="checkbox"/>	Lodi Borough	226	S340317-02	\$1,780,655	Swr
<input type="checkbox"/>	Long Beach Township	337	S340023-02	\$1,861,346	Swr
<input type="checkbox"/>	Long Beach Township	337	S340023-03	\$2,049,114	Swr
<input type="checkbox"/>	Long Branch Sewage Auth.	37	S340336-03	\$12,486,294	STP,Bldg
<input type="checkbox"/>	Long Branch Sewage Auth.	134	S340336-07	\$3,997,392	Swr
<input type="checkbox"/>	Long Hill Township	232	S340404-07	\$1,645,877	PS
<input type="checkbox"/>	Lopatcong Borough	315	S340264-02	\$3,340,073	Swr,FM
<input type="checkbox"/>	Lyndhurst Township	245	S340426-08	\$2,015,637	Rehb,Strm
<input type="checkbox"/>	Manasquan River Reg. Sewage Auth.	151	S340911-01	\$708,917	Swr
<input type="checkbox"/>	Mansfield Township	486	S340935-03	\$11,392,714	CS,STP

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<input type="checkbox"/>	Maple Shade Township	392	S340710-03	\$496,861	RWBR
<input type="checkbox"/>	Maple Shade Township	247	S340710-04	\$1,721,795	WM
<input type="checkbox"/>	Maple Shade Township	119	S340710-05	\$2,541,541	Alt
<input type="checkbox"/>	Maple Shade Township	247	S340710-06	\$32,459	Swr(3)
<input type="checkbox"/>	Maywood Borough	293	S340226-01	\$1,704,887	Swr
<input type="checkbox"/>	MCJM - Chatham Borough	118	S340715-04A	\$1,615,000	STP
<input type="checkbox"/>	MCJM - Madison Borough	118	S340715-04B	\$2,100,000	STP
<input type="checkbox"/>	Medford Township	103	S340346-05	\$4,850,022	STP
<input type="checkbox"/>	Medford Township	231	S340346-06	\$3,242,185	Swr
<input type="checkbox"/>	Medford Township	103	S340346-07	\$3,340,073	SLDGE
<input type="checkbox"/>	Merchantville-Pennsauken Water Comm.	388	S340137-01	\$3,926,023	RWBR
<input type="checkbox"/>	Middlesex County Util. Auth.	7	S340699-05	\$93,370,451	STP
<input type="checkbox"/>	Middlesex County Util. Auth.	161	S340699-07	\$8,105,182	PS
<input type="checkbox"/>	Middlesex County Util. Auth.	161	S340699-08	\$22,180,484	Swr
<input type="checkbox"/>	Middlesex County Util. Auth.	161	S340699-09	\$11,396,574	Rehab
<input type="checkbox"/>	Middlesex County Util. Auth.	644	S342012-02	\$4,915,537	Ldfill
<input type="checkbox"/>	Middletown Township	551	S340097-01	\$3,997,392	NP
<input type="checkbox"/>	Middletown Township	551	S340097-03	\$147,540	Strm(3)
<input type="checkbox"/>	Midland Park Borough	308	S340227-01	\$323,693	Swr
<input type="checkbox"/>	Millville City	68	S340921-06	\$8,492,702	STP
<input type="checkbox"/>	Montclair State University	502	S340321-02	\$6,614,815	Swr
<input type="checkbox"/>	Montclair Township	209	S340837-02	\$4,522,375	Swr
<input type="checkbox"/>	Montgomery Township	83	S340130-01	\$11,843,014	STP
<input type="checkbox"/>	Montgomery Township	83	S340130-02	\$17,350,281	STP

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Montville Township	239	S340931-03	\$2,317,315	Swr
<input type="checkbox"/>	Mount Holly Munic. Util. Auth.	238	S340817-04	\$1,968,730	PS
<input type="checkbox"/>	Mount Holly Township	592	S340817-05	\$169,048	NP(3)
<input type="checkbox"/>	Mount Laurel Munic. Util. Auth.	207	S340943-05	\$1,214,431	Swr
<input type="checkbox"/>	Mount Laurel Township	558	S340943-04	\$10,426,744	NP
<input type="checkbox"/>	Musconetcong Sewage Auth.	1	S340384-07	\$1,128,237	STP
<input type="checkbox"/>	Musconetcong Sewage Auth.	243	S340384-08	\$1,396,910	Swr,PS
<input type="checkbox"/>	NALJM - Lyndhurst Township	245	S340426-07A	\$1,050,000	PS
<input type="checkbox"/>	NALJM - North Arlington Borough	245	S340426-07B	\$1,050,000	PS
<input type="checkbox"/>	Neptune Township	211	S340410-04	\$3,997,392	I/I
<input type="checkbox"/>	Neptune Township	563	S340410-06	\$708,917	Bldg
<input type="checkbox"/>	Neptune Township	563	S340410-07	\$5,308,104	Strm
<input type="checkbox"/>	Neptune Township	563	S340410-08	\$1,396,910	NP
<input type="checkbox"/>	Neptune Township Sewage Auth.	390	S340410-09	\$13,000,360	SLDGE
<input type="checkbox"/>	New Milford Borough	258	S340177-01	\$708,917	Swr
<input checked="" type="checkbox"/>	Newark City	645	S340815-11	\$24,882,448	BR,Strm
<input checked="" type="checkbox"/>	Newark City	531	S340815-12	\$18,901,746	BR,Strm
<input checked="" type="checkbox"/>	Newark City	369	S340815-14	\$847,274	Eq
<input checked="" type="checkbox"/>	Newark City	369	S340815-16	\$5,923,270	Eq
<input checked="" type="checkbox"/>	Newark City	369	S340815-18	\$1,645,877	Strm
<input checked="" type="checkbox"/>	Newark City	99	S340815-19	\$4,653,327	Strm
<input checked="" type="checkbox"/>	Newark City	9	S340815-20	\$17,986,421	Rehab
<input checked="" type="checkbox"/>	NJ City University/Jersey City Munic. Util.	719	S340111-02	\$33,044,731	BR,Strm
<input type="checkbox"/>	NJ Sports and Exp. Authority	611	S340138-01	\$3,471,822	Strm

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	NJ Water Supply Authority	658	S343054-06	\$4,671,170	Land
<input type="checkbox"/>	NJ Water Supply Authority	658	S343054-07	\$3,779,557	Land
<input type="checkbox"/>	North Bergen Munic. Util. Auth.	19	S340652-09	\$13,277,402	CSO
<input type="checkbox"/>	North Bergen Munic. Util. Auth.	466	S340652-10	\$1,679,606	Eq
<input type="checkbox"/>	North Haledon Borough	300	S340229-01	\$1,021,028	PS
<input checked="" type="checkbox"/>	North Hudson Sewage Auth.	55	S340952-13	\$24,212,332	Swr
<input checked="" type="checkbox"/>	North Hudson Sewage Auth.	55	S340952-14	\$30,948,777	CSO,Swr,Rehb
<input checked="" type="checkbox"/>	North Hudson Sewage Auth.	77	S340952-15	\$2,096,134	STP
<input checked="" type="checkbox"/>	North Hudson Sewage Auth.	55	S340952-16	\$874,933	CS
<input type="checkbox"/>	North West Bergen County Util. Auth.	394	S340700-10	\$3,094,238	Incin
<input type="checkbox"/>	North Wildwood City	132	S340663-04	\$7,018,478	Swr
<input type="checkbox"/>	Northwest Bergen County Util. Auth.	288	S340700-09	\$6,647,662	PS,FM
<input type="checkbox"/>	Northwest Bergen Util. Auth.	422	S340700-11	\$6,419,326	PS
<input type="checkbox"/>	Norwood Borough	316	S340230-01	\$1,396,910	PS
<input type="checkbox"/>	Ocean County Util. Auth.	164	S340372-38	\$2,718,518	Strm
<input type="checkbox"/>	Ocean County Util. Auth.	164	S340372-39	\$8,234,403	Swr,PS
<input type="checkbox"/>	Ocean County Util. Auth.	375	S340372-42	\$1,240,380	Rehab
<input type="checkbox"/>	Ocean County Util. Auth.	164	S340372-43	\$5,689,980	PS
<input type="checkbox"/>	Ocean County Util. Auth.	164	S340372-44	\$3,997,392	Rehab
<input type="checkbox"/>	Ocean Gate Borough	353	S340151-01	\$328,498	Swr
<input type="checkbox"/>	Ocean Township	310	S340750-09	\$550,515	PS
<input type="checkbox"/>	Ocean Township Sewage Auth.	47	S340750-08	\$4,391,306	STP,OR
<input type="checkbox"/>	Old Bridge Munic. Util. Auth.	482	S340945-08	\$8,492,702	INT
<input type="checkbox"/>	Old Bridge Township	671	S343043-02	\$3,997,392	Land

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Oradell Borough	296	S340835-02	\$708,917	Swr
<input type="checkbox"/>	Palmyra Borough	373	S340030-03	\$985,189	PS
<input type="checkbox"/>	Parsippany-Troy Hills Township	93	S340886-01	\$36,012,860	STP
<input type="checkbox"/>	Parsippany-Troy Hills Township	183	S340886-02	\$388,383	PS(3)
<input type="checkbox"/>	Passaic City	195	S340845-01	\$3,997,392	I/I,Eq
<input checked="" type="checkbox"/>	Passaic Valley Sew. Comm.	71	S340689-15	\$3,451,177	CSO
<input checked="" type="checkbox"/>	Passaic Valley Sew. Comm.	90	S340689-16	\$13,000,360	STP
<input checked="" type="checkbox"/>	Passaic Valley Sew. Comm.	464	S340689-17	\$3,054,560	Eq
<input checked="" type="checkbox"/>	Passaic Valley Sew. Comm.	90	S340689-18	\$21,037,573	Rehab
<input checked="" type="checkbox"/>	Passaic Valley Sew. Comm.	90	S340689-19	\$63,223,700	Alt
<input checked="" type="checkbox"/>	Paterson City	36	S340850-04	\$13,000,360	CSO
<input type="checkbox"/>	Penns Grove Sewage Auth.	326	S340502-05	\$1,122,734	Swr
<input type="checkbox"/>	Pennsauken Sewage Auth.	210	S340349-05	\$1,198,294	Swr
<input type="checkbox"/>	Peq. Lincoln Pk, Fairfield Sewage Auth.	46	S340880-03	\$3,997,392	STP
<input checked="" type="checkbox"/>	Perth Amboy Redevelop. Agcy	737	S340435-07	\$36,825,064	BR
<input type="checkbox"/>	Phillipsburg Redevelop. Auth.	749	S340874-06	\$9,215,958	BR
<input type="checkbox"/>	Phillipsburg Town	80	S340874-04	\$11,521,361	STP
<input type="checkbox"/>	Phillipsburg Town	80	S340874-05	\$2,049,114	OR
<input type="checkbox"/>	Pine Beach Borough	640	S340248-01	\$293,500	Strm(3)
<input type="checkbox"/>	Plainfield Area Reg. Sewage Auth.	176	S340949-05	\$3,997,392	PS,FM
<input type="checkbox"/>	Plainfield City	555	S340240-01	\$81,147	Bldg(3)
<input type="checkbox"/>	Plainfield City	555	S340240-03	\$1,343,743	Bldg
<input type="checkbox"/>	Plainfield City	674	S340240-04	\$78,934	Well(3)
<input type="checkbox"/>	Plainfield City	555	S340240-05	\$60,491	Strm(3)

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Plainfield Munic. Util. Auth.	487	S340240-02	\$3,997,392	PS
<input type="checkbox"/>	Plumsted Township	431	S340607-03	\$20,280,964	CS
<input type="checkbox"/>	Point Pleasant Beach Borough	617	S340479-03	\$5,419,490	NP
<input type="checkbox"/>	Pompton Lakes Borough Munic. Util. Aut	286	S340636-05	\$736,679	PS,Swr
<input type="checkbox"/>	Pompton Lakes Munic. Util. Auth.	393	S340636-06	\$792,068	SLDGE
<input type="checkbox"/>	Pompton Lakes Munic. Util. Auth.	74	S340636-07	\$430,399	STP
<input type="checkbox"/>	Princeton (PSOC) Borough	135	S340656-06B	\$3,300,000	Swr
<input type="checkbox"/>	Princeton (PSOC) Township	135	S340656-06A	\$3,300,000	Swr
<input type="checkbox"/>	Prospect Park Borough	314	S340186-01	\$708,917	Swr
<input type="checkbox"/>	Rahway City	222	S340546-02	\$357,442	Swr
<input type="checkbox"/>	Rahway City	570	S340546-03	\$1,483,949	Strm
<input type="checkbox"/>	Ramsey Borough	264	S340207-01	\$514,284	PS
<input type="checkbox"/>	Readington Township	691	S343034-04	\$14,000,636	Land
<input type="checkbox"/>	Ringwood Borough	586	S340157-01	\$465,419	Eq
<input type="checkbox"/>	River Vale Township	594	S340188-01	\$1,191,434	Bldg,Strm
<input type="checkbox"/>	Rockaway Valley Reg. Sewage Auth.	181	S340756-02	\$2,718,518	INT
<input type="checkbox"/>	Rockleigh Borough	364	S340232-01	\$1,026,537	SR
<input type="checkbox"/>	Roselle Park Borough	268	S340234-01	\$1,889,557	Swr
<input type="checkbox"/>	Rutherford Borough	254	S340192-01	\$708,917	Swr
<input type="checkbox"/>	Salem City	115	S340235-01	\$2,451,173	STP,PS
<input type="checkbox"/>	Salem City	516	S340235-02	\$1,546,267	Strm
<input type="checkbox"/>	Sayreville Borough	330	S340326-07	\$7,049,396	Swr
<input type="checkbox"/>	Sayreville Borough	678	S343075-01	\$31,783,125	Land
<input type="checkbox"/>	Sea Bright Borough	642	S340077-01	\$3,774,303	Strm,PS

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	Seaside Heights Borough	153	S340236-01	\$3,913,060	Swr
<input type="checkbox"/>	Secaucus Munic. Util. Auth.	85	S340154-01	\$3,472,480	PS,Alt
<input type="checkbox"/>	Somerdale Borough	320	S340338-04	\$444,422	Swr
<input type="checkbox"/>	Somers Point City	278	S340618-01	\$2,718,518	I/I
<input type="checkbox"/>	Stafford Township	583	S340946-04	\$33,934	Bldg(3)
<input type="checkbox"/>	Stafford Township	651	S343076-01	\$6,683,353	Land
<input type="checkbox"/>	Stanhope Borough	335	S340504-02	\$254,421	Swr(3)
<input type="checkbox"/>	Stanhope Borough	633	S340504-03	\$147,540	NP(3)
<input type="checkbox"/>	Stone Harbor Borough	360	S340722-02	\$3,142,560	Swr
<input type="checkbox"/>	Stone Harbor Borough	360	S340722-03	\$2,070,681	Swr
<input type="checkbox"/>	Stony Brook Regional Sewage Auth.	94	S340400-06	\$9,266,707	STP
<input type="checkbox"/>	Sussex Borough	351	S340155-01	\$1,396,910	Swr
<input type="checkbox"/>	Teterboro Borough	752	S340339-02	\$21,889,461	BR
<input type="checkbox"/>	Teterboro Borough	752	S340339-03	\$33,535,341	BR,Strm
<input type="checkbox"/>	Toms River Munic. Util. Auth.	180	S340145-01	\$13,000,360	Swr,PS
<input type="checkbox"/>	Toms River Township	550	S340145-02	\$1,054,062	Strm,Eq
<input type="checkbox"/>	Two Rivers Water Recl. Auth.	184	S340117-04	\$985,189	PS
<input type="checkbox"/>	Union County Improv. Auth.	731	S340124-01	\$23,069,596	BR,Strm
<input type="checkbox"/>	Union Township	194	S340293-04	\$999,117	INT
<input type="checkbox"/>	Ventnor City	270	S340241-01	\$1,259,960	Swr
<input type="checkbox"/>	Voorhees Township	410	S340875-01	\$5,630,570	CS,FM
<input type="checkbox"/>	Waldwick Borough	292	S340195-01	\$233,167	Swr(3)
<input type="checkbox"/>	Wanaque Valley Reg. Sewage Auth.	96	S340780-03	\$2,718,518	STP
<input type="checkbox"/>	Waterford Township	590	S340163-02	\$500,308	Bldg

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<input type="checkbox"/>	West Caldwell Borough	277	S340200-01	\$268,597	PS(3)
<input type="checkbox"/>	West Deptford Township	244	S340947-04	\$2,049,114	PS
<input type="checkbox"/>	Western Monmouth Util. Auth.	117	S340128-02	\$3,217,620	STP
<input type="checkbox"/>	Westwood Borough	280	S340862-02	\$1,219,112	Swr(1)
<input type="checkbox"/>	Wildwood Crest Borough	142	S340719-02	\$5,708,755	Swr
<input type="checkbox"/>	Willingboro Munic. Util. Auth.	101	S340132-02	\$9,270,579	STP
<input type="checkbox"/>	Willingboro Township	472	S340132-03	\$2,649,105	Strm
<input type="checkbox"/>	Winslow Township	212	S340895-07	\$653,528	Swr
<input type="checkbox"/>	Woodbridge Township	742	S340433-10	\$9,943,795	BR
<input type="checkbox"/>	Woodland Park Borough	510	S340203-01	\$2,049,114	CS
<input type="checkbox"/>	Wood-Ridge Borough	602	S340239-01	\$646,771	Strm
<input type="checkbox"/>	Wyckoff Township	641	S340738-04	\$535,216	Eq

<i>Smart Growth</i>	<i>Project Sponsor</i>	<i>Rank</i>	<i>Project Number</i>	<i>Est. Cost</i>	<i>Project Type</i>
<i>Total Projects:</i>		318	<i>Total Cost</i>	\$1,858,065,188	

- (1) Emergency*
- (2) Supplemental*
- (3) Direct Loan*
- (4) Small System*
- (5) Preaward Approval*
- (6) Direct Loan/Small System*

Alt = Alternative Energy	OR = Outfall Repair
Aux = Install. Of Emerg. Gen.	PS = Pump Station
Bldg = Building New/Rehab	Pump = Pumps
BR = Brownfield	Rehab = Rehabilitation
CL = Cleaning and Lining	ResCv = Reservoir Cover
CS = Collection System	ResRh = Reservoir Rehabilitation
CSO = Combined Swr Overflow	RWBR = Beneficial Reuse
DMI = Drought Mgt. Initiative	SEC = Security Features
EQ = Equipment	SLDGE = Sludge Facility
FM = Force Main	SR = Aquif Storage / Recov. Well
I/I = Infiltration Inflow	ST = Storage Tank
Incin = Incinerator	STP = Sewage Treatment Plant
INT = Interconnection	Strm = Storm water
Land = Land preservation	Swr = Sanitary Sewer
Ldfill = Landfill Closure	Treat = Treatment
LSL = Lead Service Lines	Well = Well Construct / Rehab.
Meter = Water Meters	WM = Water Mains
NP = Nonpoint	WTP = Water Treatment Plant

Appendix F

Interim Financing Program Drinking Water Eligibility List

RANK	SYSTEM DATE	COUNTY	PROJECT DESCRIPTION	PROJECT NUMBER	PROJECT COST	EST. STATE CERT. DATE (yyymmdd)
1	Newark City	Essex	Construction of a cover for the Cedar Grove Reservoir	0714001-012-0-0	\$62,730,000.00	110730
2	Passaic Valley WC	Passaic	Decommission the Levine Finished Water Reservoir and construct a new 5 MG water storage tank	1605002-014-0-0	\$13,330,000.00	110730
3	Trenton City	Mercer	Cover for Pennington Reservoir	1111001-009-0-0	\$13,884,400.00	100730
4	Bridgeton City	Cumberland	Installation of radium removal treatment at well #13	0601001-003-0-0	\$3,167,600.00	091008
5	Hopatcong Borough	Sussex	Installation of 48-inch pipe at wells to increase chlorine contact time at nine wells	1912001-009-0-0	\$1,087,500.00	100730
6	North Jersey District WS	Passaic	Construction of a new 50 MGD Bellville Pump Station, purchase the Virginia Street Pump Station and 60-inch transmission mains, modifications to the Virginia Street Pump Station, and construct flow metering stations	1613001-013-0-0	\$32,230,000.00	110730
7	Aqua NJ - Hamilton	Mercer	Addition of radium treatment at Well 12 to resolve MCL exceedance	1103001-006-0-0	\$1,177,000.00	091008
8	Aqua NJ - Hamilton	Mercer	Addition of radium treatment at Well 9 to resolve MCL exceedance	1103001-005-0-0	\$1,070,000.00	110730
9	Aqua NJ - Hamilton	Mercer	Addition of radium treatment at Well 14 to resolve MCL exceedance	1103001-003-0-0	\$1,786,600.00	100730
10	Vineland City	Cumberland	Addition of treatment for radium removal on waste stream for well #13 and add air strippers for MTBE	0614003-006-0-0	\$1,355,994.00	091210
11	Vineland City	Cumberland	Treatment for radium removal for well #9	0614003-005-0-0	\$3,529,006.00	091210
12	Belleville Township	Essex	Replacement of 7,000 lead service lines	0701001-003-0-0	\$18,370,000.00	110730
13	Belleville Township	Essex	Installation of lead corrosion control measures at four interconnections	0701001-004-0-0	\$580,000.00	110730
14	Winslow Township	Camden	Add radium removal treatment at existing wells 1 and 8 to correct Maximum Contaminant Level violations	0436007-006-0-0	\$6,668,066.00	110730
15	Sparta Township Water Utility	Sussex	Installation of uranium treatment equipment at two of the existing Autumn Hill well house (Well 1 and Well 2)	1918004-003-0-0	\$378,000.00	110730
16	Upper Deerfield Twp	Cumberland	Radium Treatment Removal for Love Lane WTP (wells # 3 & 4)	0613004-001-0-0	\$3,034,000.00	110730
17	Sea Village Marina	Atlantic	Installation of 3,700 LF of water main to connect with NJAWCo to resolve a contaminated source issue	0108021-002-0-0	\$580,000.00	100730
18	Great Gorge Terrace Condominium Association	Sussex	Connection to United Water-NJ to resolve contaminated source issue	1922014-001-0-0	\$725,000.00	100730

19	Willor Manor Water Company	Sussex	Install disinfection treatment to address total coliform and associated structures to house treatment, well, and pumping facilities including rehabilitation of existing well and new hydropneumatic tank	1904008-001-0-0	\$160,577.00	100730
20	Ramsey Board of Public Utilities	Bergen	Arsenic treatment system at the Spring Street Treatment Facility	0248001-009-0-0	\$651,880.00	110730
21	Bordentown City	Burlington	Install radium removal treatment system and post chlorination	0303001-003-0-0	\$264,400.00	100730
22	Stillwater Twp District #1	Sussex	Installation of radium removal treatment at Edgewood wells #5 & 5A	1920001-001-0-0	\$471,000.00	091008
23	Lake Tamarack Water Company Inc.,	Sussex	Installation of corrosion control for three pump stations	1911003-002-0-0	\$87,000.00	100730
24	Atlantic City MUA	Atlantic	Replace aged concrete cradle for 48-inch transmission pipe	0102001-002-0-0	\$2,502,836.00	091008
25	Atlantic City MUA	Atlantic	Replace existing main with 8-inch - Chelsea Heights	0102001-004-0-0	\$593,320.00	091008
26	Camden City	Camden	Replacement of water mains on South Merrimac Road and New Hampshire Road	0408001-004-0-0	\$5,542,000.00	110730
27	Aqua NJ - Woolwich	Gloucester	New interconnection with NJAWC to connect to Tri-County Regional Pipeline -- Critical Area #2 (16 - inch transmission main)	0824001-001-0-0	\$942,166.00	091210
28	Camden City	Camden	Rehabilitate the North Camden pump station	0408001-006-0-0	\$725,000.00	110730
29	Pine Hill MUA	Camden	Construction of GAC filtration system for removal of IPMP - Critical Area #2	0428002-001-0-0	\$362,500.00	110730
30	Keansburg Borough	Monmouth	Improvements (desalination treatment facility) to existing Water Treatment Plant to remove TDS, chlorides and sodium - Critical Area #1	1321001-001-0-0	\$2,619,000.00	091210
31	North Jersey District WS	Passaic	Improvement of chemical feed equipment, pressure gauges, meters and alarms for increased security measures	1613001-012-0-0	\$725,000.00	110730
32	North Jersey District WS	Passaic	Construction of a 6 MG baffled clearwell and rehab of an existing clearwell to include baffles	1613001-014-0-0	\$6,730,000.00	110730
33	North Jersey District WS	Passaic	Install 6 Layer Aerators including air piping and appurtenances. Purchase and install one unit of variable speed, oil-free compressor w/ instrumentations	1613001-016-0-0	\$1,450,000.00	110730

34	North Jersey District WS	Passaic	Rehabilitation of existing WTP including (1) repainting waste washwater storage, surge tank and filter gallery; prevention of stagnation at the Balancing Reservoir (2) Install permanent centrifuge in the existing Residuals Treatment Facility (3) Provide SCADA monitoring improvements for Wanaque aqueducts	1613001-020-0-0	\$5,740,000.00	110730
35	North Jersey District WS	Passaic	Retrofit Sedimentation basins 5 and 6 with Dissolved Air Flotation Treatment (DAF)	1613001-022-0-0	\$6,730,000.00	110730
36	Newark City	Essex	Construction of an ozonation facility	0714001-001-0-0	\$13,330,000.00	100730
37	Newark City	Essex	Removal and disposal of sludge from lagoon	0714001-013-0-0	\$4,090,000.00	100730
38	Camden City	Camden	Rehabilitation of twelve pressure filters, eight aerators and rehab of the existing lime silo at Morris-Delair WTP	0408001-017-0-0	\$1,465,036.00	091210
39	Camden City	Camden	Replacement of VOC tower media, removal and replacement of existing degasifier, and restoration of surface treatments and finishes for the pressure filter at Parkside WTP	0408001-016-0-0	\$339,704.00	100730
40	Camden City	Camden	Morris-Delair WTP improvements - Phase II - Upgrade plant SCADA system, replace existing sludge pumps, install safety guards, self closing gates at work platforms, new booster pumps and four new wells	0408001-015-0-0	\$1,273,892.00	100730
41	Bridgeton City	Cumberland	Installation of a new 0.75 MG water storage tank & Rehabilitation of existing reservoir	0601001-004-0-0	\$2,196,107.00	091210
42	Salem City	Salem	Construction of a new 2 MGD Surface Water Treatment Plant to replace the existing surface water capacity of 3 MGD Surface Water Treatment Plant	1712001-001-0-0	\$11,602,416.00	091210
43	Egg Harbor City	Atlantic	Replacement of a water treatment plant	0107001-002-0-0	\$13,000,000.00	100730
44	Red Bank Borough	Monmouth	Treatment facilities improvements which include new pressure facilities, chemical feed equipment and security equipment	1340001-001-0-0	\$2,720,303.00	091008
45	North Jersey District WS	Passaic	Rehab of the Kearny/Bayonne Transmission main	1613001-009-0-0	\$7,522,000.00	110730
46	North Jersey District WS	Passaic	Construct a 48 inch by-pass main and rehabilitate the single 70+ yr old 74 inch aqueduct	1613001-006-0-0	\$19,630,000.00	110730
47	Newark City	Essex	Cleaning & lining of 85,000 LF of 6 & 8-inch water mains	0714001-005-0-0	\$9,866,276.00	091008
48	Newark City	Essex	Rehab of 42-inch Steel water main including cleaning & lining	0714001-002-0-0	\$4,090,000.00	110730

49	Newark City	Essex	Replacement of undersized water mains with 6 & 8-inch	0714001-006-0-0	\$7,310,800.00	100730
50	Newark City	Essex	Cleaning and lining of water mains, upgrading 4 inch mains to 6 & 8 inch mains, replace old fire hydrants	0714001-008-0-0	\$31,978,000.00	100730
51	Newark City	Essex	Replacement of 12,000 Lead service lines	0714001-009-0-0	\$38,530,000.00	100730
52	Newark City	Essex	Cleaning & lining of 100,000 LF of 6, 8 & 12-inch water mains	0714001-015-0-0	\$15,472,000.00	110730
53	Camden City	Camden	Replacement of Lead Service Lines in schools including child care centers approved by the City of Camden Board of Education	0408001-014-0-0	\$822,150.00	110730
54	Camden City	Camden	Furnishing and installation of approximately 325 fire hydrants, replacement of approximately 150 inoperative valves and furnish and delivery of approximately 5,000 meters	0408001-019-0-0	\$3,009,802.00	091210
55	Camden City	Camden	Cleaning & Lining of distribution and transmission mains on Cooper, Federal, Arch & Market Streets, Delaware Ave., Riverside & Aquarium Drives	0408001-013-0-0	\$11,040,391.00	100730
56	Camden City	Camden	Cleaning and lining of approximately 57,000 feet of various transmission mains ranging in size between 16 to 36 inches in diameter	0408001-020-0-0	\$10,191,130.00	100730
57	Bridgeton City	Cumberland	Replacement of 2,190 LF of 6 inch with 8 inch main	0601001-005-0-0	\$2,257,600.00	100730
58	Atlantic City MUA	Atlantic	Construct ASR well with wellhouse	0102001-003-0-0	\$1,800,000.00	091210
59	New Brunswick City	Middlesex	Repairs to 3 pumping stations including replacement of pumps, motors and control systems	1214001-004-0-0	\$4,037,200.00	110730
60	Colonial Estates	Gloucester	Connection to Monroe Twp MUA	0811003-002-0-0	\$4,090,000.00	100730
61	North Jersey District WS	Passaic	(1) Replacement of existing traveling screen, large valves and instrumentation improvements at Ramapo Pump Station (2) Replacement of antiquated electrical equipment at Treatment Plant Raw Water Pump Station	1613001-019-0-0	\$15,850,000.00	110730
62	Camden City	Camden	Surface inspection, surface preparation and painting of a 5 MG standpipe (North Camden Tank) and two 2 MG elevated tanks (Kaighn Avenue and Whitman Park Tank)	0408001-018-0-0	\$1,273,892.00	091210

63	Manchester Township	Ocean	Water main replacement on Northampton Blvd; Yorkshire Ct water main replacement; Wilbur Ave & Holly Rd intersection water main reconstruction & 10th Ave water main extension	1518005-001-0-0	\$296,572.00	100730
64	NJ American Water Co.-Pennsgrove	Salem	Replacement of 4,850 LF of water mains of Spring, Garnet and Hoover Streets and Briar Lane	1707001-001-0-0	\$546,268.00	100730
65	Manchester Utilities Authority	Passaic	Clean and Line 2,700 LF of 12" cast iron pipe in John, Van Dyk, Tilt and Kossuth in Haledon	1603001-010-0-0	\$637,559.00	091210
66	Manchester Utilities Authority	Passaic	Replacing approximately 19,272 LF of 4, 6 and 8 inch mains in Haledon and N Haledon	1603001-002-0-0	\$4,404,660.00	091210
67	Passaic Valley WC	Passaic	Upgrade residual treatment process to include belt thickeners	1605002-018-0-0	\$6,730,000.00	110730
68	Jersey City/Jersey City MUA	Hudson	Upgrades at the Booton Reservoir Treatment Plant	0906001-001-0-0	\$13,371,000.00	091210
69	Mahwah Township	Bergen	Rehabilitation of Ford Wellfield treatment, pumps & motors, electrical, SCADA and transmission mains	0233001-006-0-0	\$6,185,268.00	100730
70	North Jersey District WS	Passaic	Security system improvements (1) Addition of cameras at remote sites, alarm monitoring, fire alarms at Wanaque WTP (2) Communication systems with area police department	1613001-022-0-0	\$2,100,000.00	110730
71	North Jersey District WS	Passaic	Security system improvements - Relocation of Wanaque WTP main entrance gate closer to Ringwood Blvd	1613001-018-0-0	\$4,030,000.00	100730
72	North Jersey District WS	Passaic	Implementation of alternative energy generation systems including solar collectors and wind energy at the Wanaque TP for reduction of utility power consumption	1613001-021-0-0	\$3,430,000.00	110730
73	Newark City	Essex	Rehabilitation of the bascule gate at the Charlotteburgh Reservoir with alarm and control systems	0714001-011-0-0	\$2,770,000.00	100730
74	Newark City	Essex	Construction of a hydro-electric facility at the pre-treatment plant screen building	0714001-007-0-0	\$8,050,000.00	100730
75	Egg Harbor City	Atlantic	Construction of a new storage tank	0107001-001-0-0	\$2,370,000.00	100730
76	Manchester Township	Ocean	Painting of 1.0 MG elevated storage tank	1518005-002-0-0	\$345,234.00	100730
77	Manchester Utilities Authority	Passaic	Rehabilitate Central Avenue Storage Tank which includes painting the tank	1603001-006-0-0	\$326,969.00	110730
78	Manchester Utilities Authority	Passaic	Replace existing booster station at former filter plant with new booster station at Morley and High Mountain in North Haledon	1603001-007-0-0	\$1,582,000.00	110730

79	Paulsboro Borough	Gloucester	Replace .5 MG elevated storage tank	0814001-001-0-0	\$1,780,000.00	110730
80	Brick Township MUA	Ocean	Replace gaseous chlorine with sodium hypochlorite as part of overall chemical upgrades to WTP	1506001-002-0-0	\$6,730,000.00	100730
81	NJ American Water Co.-Atlantic	Atlantic	Dobbs Avenue VOC Treatment	0119002-005-0-0	\$3,430,000.00	100730
82	Bayonne MUA/Bayonne Redevelopment Authority	Hudson	Water Mains for a brownfield redevelopment - Bayonne Crossing	0901001-005-0-0	\$1,049,668.00	100730
83	Harrison Water Dept	Hudson	Brownfield designated site, 626 LF of 8-inch water main upgrades between 3rd St and Frank E. Rodgers Blvd - Harrison Commons	0904001-003-0-0	\$720,011.00	091008
84	Harrison Water Dept/Hudson County IA	Hudson	Brownfield designated site, 5,700 LF of 12-inch water main upgrade on Cape May Street and Frank E. Rogers Blvd. -- Metro Centre	0904001-002-0-0	\$1,820,154.00	091008
85	Netcong Borough	Morris	Replacement of leaking water mains	1428001-002-0-0	\$1,648,000.00	110730
86	Sussex Borough	Sussex	Water Treatment Plant upgrades	1921001-001-0-0	\$120,363.00	100730
87	Central Regional Board of Ed. Bayville	Ocean	Additional treatment on existing well	1505355-001-0-0	\$1,450,000.00	110730
88	Bayview Water Co.	Cumberland	Construction of new storage tank on New Jersey Avenue	0604001-004-0-0	\$870,000.00	110730
89	Passaic Valley WC	Passaic	Replace approximately 200 large antiquated valves	1605002-015-0-0	\$2,770,000.00	110730
90	Passaic Valley WC	Passaic	Installation of 7000 LF of 12-inch main to replace Granite Ave storage tank	1605002-017-0-0	\$2,374,000.00	110730
91	Passaic Valley WC	Passaic	Installation of 2200 LF of 12-inch main to connect Eastside Pumping station to Paterson's downtown area	1605002-019-0-0	\$870,000.00	110730
92	Passaic Valley WC	Passaic	Installation of 5,100 LF of water mains to improve water quality and pressure in North Arlington	1605002-012-0-0	\$1,714,000.00	100730
93	Passaic Valley WC	Passaic	Clean and line 22,000 LF of water mains in Passaic City	1605002-011-0-0	\$2,506,000.00	100730
94	Passaic Valley WC	Passaic	Replacement of 3,000 LF of 12-inch main in Clifton City	1605002-013-0-0	\$1,714,000.00	100730
95	Jersey City/Jersey City MUA	Hudson	Installation of 30" transmission main for looping	0906001-002-0-0	\$10,346,800.00	100730
96	NJ City University/Jersey City	Hudson	Redevelopment of Brownfield site to the west of the New Jersey City University main campus that includes installation of 4" Ductile Iron Pipes	0906001-005-0-0	\$860,619.00	100730
97	Newark City	Essex	Replacement of 38,234 old water meters in the distribution system. Size ranges from 5/8" to 8"	0714001-010-0-0	\$24,670,000.00	100730
98	Bayonne MUA	Hudson	Slip line 2,600 LF of 48-inch Aqueduct - Phase 1	0901001-003-0-0	\$2,630,000.00	091210

99	Bayonne MUA	Hudson	Rehabilitation of gate house valve chamber and venturi flow meter	0901001-004-0-0	\$1,287,000.00	100730
100	Monmouth Co. Improvement Auth/Southeast Monmouth MUA	Monmouth	Upgrades to instrumentation and controls at Manasquan WTP	1352005-003-0-0	\$3,217,650.00	091210
101	Monmouth Co. Improvement Auth/Southeast Monmouth MUA	Monmouth	Rehabilitation of the ozone system at the Manasquan WTP	1352005-002-0-0	\$4,926,000.00	091210
102	Ramsey Board of Public Utilities	Bergen	Construction of mains (Rte 17, Grant & Airmount)	0248001-001-0-0	\$2,360,800.00	110730
103	Ramsey Board of Public Utilities	Bergen	Replacement of mains (Carol & Maple)	0248001-002-0-0	\$1,898,800.00	110730
104	Ramsey Board of Public Utilities	Bergen	Construction of mains (Rte 17, Snyder & Airmount)	0248001-003-0-0	\$1,428,250.00	110730
105	Ramsey Board of Public Utilities	Bergen	Construction of mains (Lakeview & Airmount)	0248001-004-0-0	\$1,152,750.00	110730
106	Harrison Water Dept	Hudson	Cleaning & Lining of mains on Grant Ave., Cleveland Ave., & Hamilton Street	0904001-001-0-0	\$7,390,000.00	110730
107	Harrison Water Dept	Hudson	Cleaning and Lining and of approximately 3,000 LF of 10, 12 and 14 inch mains	0904001-004-0-0	\$2,770,000.00	100730
108	Harrison Water Dept	Hudson	Replacement of 3,160 LF of water mains on S 2nd, Frank E. Rogers Blvd & Scott Mobus Place	0904001-005-0-0	\$2,110,000.00	100730
109	Berkeley Township MUA	Ocean	Install new solar panels at treatment plant	1505004-003-0-0	\$1,087,500.00	110730
110	Waterford Township MUA	Camden	New water mains for Maximum Contaminant Level violations: Jackson Rd., Third St., Gardens Ave., Carolyn Ave., Murray Hill Dr., Denver Ave., Clifford Ave.	0435003-001-0-0	\$2,064,774.00	110730
111	Vineland City	Cumberland	Replacement of 2,300 LF of 8-, 10- and 12-inch water mains	0614003-008-0-0	\$507,500.00	110730
112	Vineland City	Cumberland	Replacement of 1.4 miles of 8-inch with 10 -inch water mains	0614003-007-0-0	\$1,582,000.00	110730
113	Vineland City	Cumberland	Construction of .4 miles of 12-inch water mains to loop dead ends and enhance water pressure	0614003-009-0-0	\$290,000.00	110730
114	Rahway City	Union	Rahway Water Treatment Plant Filter System Upgrade to membrane filtration	2013001-007-0-0	\$11,350,000.00	110730
115	Little Egg Harbor MUA	Ocean	Install 600 LF of water main loop	1516001-001-0-0	\$429,000.00	091210
116	Gloucester City	Camden	Water Main replacement on Nicholson Road	0414001-012-0-0	\$315,092.00	110730
117	Gloucester City	Camden	Water Main replacement on Brown Street, E. Brown Street, Sparks Avenue	0414001-011-0-0	\$2,330,535.00	110730
118	Gloucester City	Camden	Water Main replacement on Baynes Avenue	0414001-010-0-0	\$691,872.00	110730
119	Gloucester City	Camden	Water Main replacement on Park Avenue	0414001-009-0-0	\$1,147,405.00	110730

120	Gloucester City	Camden	Water Main replacement on Market Street	0414001-008-0-0	\$652,507.00	110730
121	Gloucester City	Camden	Water Main replacement on Johnson Blvd.	0414001-007-0-0	\$1,241,906.00	110730
122	Gloucester City	Camden	Water Main replacement on Monmouth Street	0414001-006-0-0	\$550,961.00	110730
123	Gloucester City	Camden	Water Main replacement on Hudson Street	0414001-005-0-0	\$473,163.00	110730
124	Gloucester City	Camden	Water Main replacement on Water Street	0414001-004-0-0	\$1,095,144.00	110730
125	Gloucester City	Camden	Water Main replacement on Jersey Avenue	0414001-003-0-0	\$2,820,959.00	110730
126	Gloucester City	Camden	Water Main replacement on Broadway & Koehler Streets	0414001-002-0-0	\$1,158,847.00	110730
127	Gloucester City	Camden	Replacement of 2,200 LF of water mains on Charles Street	0414001-013-0-0	\$1,606,103.00	110730
128	Hammonton Town	Atlantic	Water main extension along Egg Harbor Road, and Eighth Street to create loops and eliminate dead ends	0113001-001-0-0	\$362,500.00	110730
129	Hammonton Town	Atlantic	Replacement of water mains on Central Ave., Golf Dr., & 12th Street.	0113001-002-0-0	\$1,450,000.00	110730
130	Hammonton Town	Atlantic	Replacement of 2,900 LF of water mains on Rte 54	0113001-003-0-0	\$703,250.00	110730
131	Winslow Township	Camden	New 1.0 MG finished water storage tank	0436007-003-0-0	\$1,450,000.00	110730
132	Ocean Township	Ocean	Installing two additional pressure filters at the Route 532 WTP to remove iron and manganese from raw water more effectively	1520001-001-0-0	\$1,160,000.00	100730
133	Manasquan Borough	Monmouth	Upgrades to WTP including new filters, refurbish wells & installation of SCADA	1327001-001-0-0	\$6,279,000.00	091210
134	Hightstown Borough	Mercer	Construct 80,000 gallon backwash tank and re-line existing lagoons	1104001-003-0-0	\$652,500.00	110730
135	National Park Borough	Gloucester	Upgrade to the aeration tank and sand filters of the TP	0812001-001-0-0	\$3,041,170.00	100730
136	Passaic Valley WC	Passaic	Decommissioning of Granite Avenue Tank	1605002-023-0-0	\$2,374,000.00	110730
137	Passaic Valley WC	Passaic	Replacement of Prospect Park storage tank	1605002-020-0-0	\$1,160,000.00	110730
138	Trenton City	Mercer	Cleaning and lining of 46,000 LF of water mains	1111001-008-0-0	\$8,050,000.00	110730
139	Brick Township MUA	Ocean	Replacement of 24,090 LF of undersized water mains	1506001-003-0-0	\$5,702,480.00	100730
140	Kearny Town	Hudson	Slip line 1,980 LF of 20 inch water main with 16 inch PVC and replacement of appurtenances - Central Avenue	0907001-002-0-0	\$1,480,500.00	091210
141	Kearny Town	Hudson	Replacement of 1,920 LF with 12-inch water main-North Hackensack Acres	0907001-001-0-0	\$939,500.00	091210
142	Orange City	Essex	Cleaning & Lining of mains	0717001-005-0-0	\$2,341,000.00	110730
143	Dover Town	Morris	Rehabilitation of 1.5 MG storage tank	1409001-002-0-0	\$856,250.00	091210
144	Ramsey Board of Public Utilities	Bergen	Rehabilitation of Airmount reservoir	0248001-005-0-0	\$545,000.00	100730

145	Manchester Utilities Authority	Passaic	Interconnect two systems at intersection of North Haledon Avenue and Squaw Brook Road with valved metered 8" diameter connection	1603001-009-0-0	\$69,040.00	091210
146	Belmar Borough	Monmouth	Replacement of mains on Inlet Terrace	1306001-001-0-0	\$315,250.00	091210
147	Towne Centre - Passaic	Passaic	Construction of water mains for a brownfield redevelopment project - Towne Centre	1605002-009-0-0	\$725,000.00	110730
148	East Orange Water Commission	Essex	Installation of 2,150 LF of 8-inch & 1,400 LF of 4-inch for a redevelopment	0705001-010-0-0	\$471,250.00	110730
149	East Orange Water Commission	Essex	Cleaning & Lining of mains	0705001-002-0-0	\$2,987,140.00	110730
150	East Orange Water Commission	Essex	Replacement of in kind water mains and valves	0705001-008-0-0	\$7,324,000.00	100730
151	East Orange Water Commission	Essex	Replacement of west well transmission main	0705001-006-0-0	\$3,430,000.00	110730
152	East Orange Water Commission	Essex	Replacement of fifteen water mains suspended on Garden State Parkway bridges	0705001-007-0-0	\$3,430,000.00	110730
153	NJ American Water Co.-Elizabethtown	Union	Painting of the Raritan Millstone backwash tank at the WTP	2004002-007-0-0	\$572,750.00	100730
154	NJ American Water Co.-Atlantic	Atlantic	Replacement of 1,750 LF of water mains on Goll Street, MacArthur Blvd and SP Circle	0119002-008-0-0	\$146,158.00	100730
155	NJ American Water Co.-Atlantic	Atlantic	Replacement of 3,200 LF of water mains on 1st and 3rd Streets and Waterway Road	0119002-007-0-0	\$625,368.00	100730
156	NJ American Water Co.-Ocean City	Cape May	Replacement of 3,250 LF of water mains on 9th Street, Bay and Pleasure Avenues and Revere Place	0508001-005-0-0	\$520,047.00	100730
157	North Jersey District WS	Passaic	Acquisition and integration of the Kearny/Bayonne Transmission main	1613001-007-0-0	\$38,530,000.00	110730
158	Perth Amboy City	Middlesex	Replacement of undersize water main - Center Street	1216001-001-0-0	\$1,725,946.00	110730
159	Perth Amboy City	Middlesex	Replacement of undersize water main - State Street	1216001-002-0-0	\$3,416,800.00	110730
160	Perth Amboy City	Middlesex	Cleaning & Lining of water mains-Central bussiness District	1216001-003-0-0	\$1,450,000.00	110730
161	Garfield City	Bergen	Replacement of water mains	0221001-004-0-0	\$5,674,000.00	110730
162	Garfield City	Bergen	Replacement of 8,000 LF of 6-inch to 12-inch water main & replacement of 30 valves	0221001-006-0-0	\$6,657,500.00	100730
163	Towne Centre - Garfield	Bergen	Construction of water mains for a brownfield redevelopment project - Towne Centre	0221001-006-0-0	\$768,500.00	110730
164	Manchester Township	Ocean	Installation of an automated meter reading system	1518005-003-0-0	\$3,223,783.00	100730
165	Stone Harbor Borough	Cape May	Replacement of 4,000 LF of water main on 84th, 86th, 87th, 89th, 94th & 109th Streets	0510001-003-0-0	\$995,206.00	091210
166	Stone Harbor Borough	Cape May	Replacement of 4,650 LF of water mains on 87th, 90th, 98th, Sunset, 107th, 117th & Penn	0510001-004-0-0	\$871,813.00	110730

167	Maple Shade Township	Burlington	Replacement of water mains with 5,600 LF of 8-inch and 60 LF of 6-inch DIP	0319001-005-0-0	\$1,714,000.00	100730
168	Phillipsburg Redevelopment Authority/Aqua NJ - Phillipsburg	Warren	Installation of 6, 8 and 12-inch water mains for a brownfield site	2119001-006-0-0	\$6,302,848.00	100730
169	Manchester Utilities Authority	Passaic	Slip line 16,000 LF unlined cast iron 16" pipe in High Mountain in Haledon and North Haledon w/ smaller diameter pipe	1603001-008-0-0	\$1,582,000.00	110730
170	Berkeley Township MUA	Ocean	Install automated meter reading system throughout the service area to improve the speed and reliability of billing records	1505004-004-0-0	\$725,000.00	110730
171	Woodbury City	Gloucester	Replacement of water mains	0822001-001-0-0	\$4,504,359.00	110730
172	Matawan Borough	Monmouth	Modifications and replacements of the aeration, clarification, chemical treatment and filtration processes	1329001-001-0-0	\$5,189,000.00	091210
173	Paulsboro Borough	Gloucester	Replacement of 2,300 water meters	0814001-002-0-0	\$1,276,000.00	110730
174	Sussex Borough	Sussex	Replacement of 75 year old water mains	1921001-002-0-0	\$1,444,354.00	100730
175	Brooklawn Borough	Camden	Removal and replacement 1,500 LF of 6-inch water mains; looping of dead end water mains on Crescent Blvd., Browning Lane, Hannivig Ave., & Broadway	0407001-004-0-0	\$2,087,560.00	110730
176	Pemberton Borough	Burlington	Replacement of undersized and antiquated water mains on Hough and Handover Streets	0328001-001-0-0	\$1,116,185.00	100730
177	Newark City	Essex	Installation of a SCADA system	0714001-014-0-0	\$3,430,000.00	100730
178	NJ American Water Co.-Coastal North System	Monmouth	Replacement of ozone generators at Swimming River WTP	1345001-005-0-0	\$583,054.00	100730
179	NJ American Water Co.-Short Hills	Essex	Replacement of Canoe Brook Treatment Plant	0712001-005-0-0	\$78,850,000.00	100730
180	Sayreville Borough	Middlesex	Close Morgantown WTP and consolidate with Bordentown Ave WTP	1219001-007-0-0	\$15,610,000.00	100730
181	Montclair Township	Essex	Replacement of air stripping facility at Glenfield well #2	0713001-009-0-0	\$734,656.00	091210
182	North Brunswick Township	Middlesex	Treatment plant upgrade, which includes replacing the precipitators with upflow clarifiers inside the building, new intake screens, sludge dewatering facilities and a second clear well	1215001-003-0-0	\$25,930,000.00	110730
183	Ramsey Board of Public Utilities	Bergen	Installation of chlorine analyzers and pipe improvements to upgrade disinfection system at various facilities	0248001-015-0-0	\$640,000.00	100730
184	Bordentown City	Burlington	Treatment plant upgrades including filter panel and control panel upgrades	0303001-004-0-0	\$526,600.00	100730

185	Berlin Borough	Camden	Repairs to Plant#1 filter and complete replacement of filter media	0405001-005-0-0	\$117,065.00	100730
186	Clinton Town	Hunterdon	Replacement of 3,900 LF of water mains on Leigh St.	1005001-001-0-0	\$1,377,500.00	100730
187	Pompton Lakes MUA	Passaic	Replacement of gas chlorination system with solid tablet chlorination system	1609001-003-0-0	\$93,100.00	100730
188	Ringwood Borough	Passaic	Installation of chlorination station, automatic controls & protection of pipe	1611002-001-0-0	\$390,580.00	100730
189	Fayson Lake Water Co	Morris	Upgrade treatment facility with reclamation from backwash of filters	1415001-001-0-0	\$761,250.00	110730
190	Island Heights Borough	Ocean	Replacement of water treatment plant	1510001-003-0-0	\$3,298,000.00	100730
191	Roosevelt Borough	Monmouth	Upgrades to Water Treatment Plant including security improvements, replace pumps and repairs to aerator roof	1341001-003-0-0	\$175,000.00	091210
192	Collier Services	Monmouth	Replace existing hypochlorination and water softener systems with new hypochlorination and iron removal systems; construct new well/treatment house with security features; replace auxiliary power and redevelop existing 25 gpm well.	1328300-003-0-0	\$145,000.00	110730
193	Plausha Park Water Co	Morris	Install chemical feed, safety upgrades and replace the ramp and piping at the well/treatment facility	1421004-001-0-0	\$113,750.00	100730
194	Green Briar Residential Home	Morris	Upgrade to WTP including disinfection, generator and back up well	1421305-001-0-0	\$43,500.00	100730
195	Willingboro MUA	Burlington	Replacement of 56,000 LF of 6 and 8-inch mains-Twin Hills	0338001-002-0-0	\$10,085,440.00	091210
196	Rahway City	Union	Cleaning & Lining of various water main sections	2013001-002-0-0	\$1,582,000.00	110730
197	Rahway City	Union	Cleaning & Lining of various water main sections	2013001-001-0-0	\$1,305,000.00	110730
198	Mahwah Township	Bergen	Installation of emergency generators	0233001-005-0-0	\$507,500.00	110730
199	Gloucester City	Camden	Construction of a 1.0 MG storage tank to replace standpipe	0414001-014-0-0	\$4,090,000.00	110730
200	Towne Centre - Cliffside Park	Bergen	Construction of water mains for a brownfield redevelopment project - Towne Centre	0238001-001-0-0	\$761,250.00	110730
201	Long Beach Township (Brant Beach)	Ocean	Replace 12,000 LF of undersized water mains with 6-inch - Phase 1	1517001-009-0-0	\$2,035,501.00	091210
202	Long Beach Township (Brant Beach)	Ocean	Replace 12,000 LF of undersized water mains with 6-inch - Phase 2	1517001-010-0-0	\$2,110,000.00	100730
203	Perth Amboy City	Middlesex	Florida Grove Reservoir Replacement or Rehab - Phase II	1216001-005-0-0	\$8,050,000.00	100730
204	Bloomfield Township	Essex	Cleaning and Lining of water mains	0702001-001-0-0	\$1,450,000.00	110730
205	Belleville Township	Essex	Extension of 12 inch water main to the Medical Center	0701001-001-0-0	\$507,500.00	110730

206	Belleville Township	Essex	Replacement of inoperable valves & hydrants	0701001-002-0-0	\$761,250.00	110730
207	Garfield City	Bergen	Replacement of the Botany Street pump station. Expansion of the SCADA system	0221001-005-0-0	\$2,836,000.00	110730
208	Deptford Twp MUA	Gloucester	Water main replacement in Cooper Village & new insertion valve at Clement Bridges Rd	0802001-001-0-0	\$2,326,612.00	091210
209	Lyndhurst Township	Bergen	Replacement of 1,350 LF of antiquated water mains	0232001-002-0-0	\$2,461,000.00	100730
210	Lyndhurst Township	Bergen	Replacement of 10 miles of antiquated water mains and appurtenances-Phase 1	0232001-001-0-0	\$11,700,000.00	100730
211	Brigantine City	Atlantic	Rehabilitation of two storage tanks-14th and 42nd Sts	0103001-009-0-0	\$1,242,000.00	091210
212	Beach Haven Borough	Ocean	Replacement of 17,000 LF of undersized water mains with 6-inch mains	1503001-002-0-0	\$3,166,000.00	100730
213	Woodbury City	Gloucester	Replacement of storage reservoir with 1 MG cylindrical tank	0822001-005-0-0	\$2,985,573.00	091210
214	Milltown Borough	Middlesex	Cleaning and lining of water mains, replacement of fire hydrants, gate valves and valve boxes in the Borough	1212001-001-0-0	\$1,450,000.00	110730
215	Hightstown Borough	Mercer	Replacement of 8000 LF of 10 & 12-inch water main	1104001-004-0-0	\$1,935,000.00	091210
216	Ocean Gate Borough	Ocean	Paint a 0.2 MG storage tank	1521001-002-0-0	\$412,364.00	091210
217	National Park Borough	Gloucester	Water main and valve rehabilitation	0812001-003-0-0	\$357,780.00	100730
218	NJ American Water Co.-Belvidere	Warren	Replacement of 800 LF of water mains on Front Street	2103001-003-0-0	\$279,690.00	100730
219	Sussex Borough	Sussex	Painting of existing exterior tanks	1921001-003-0-0	\$541,633.00	091210
220	Alpha Borough	Warren	Upgrades to Pursell & Alpha St wells & pumphouses for VOC removal, hardness and disinfection	2102001-001-0-0	\$1,765,150.00	100730
221	Brooklawn Borough	Camden	Painting interior & exterior of water tank	0407001-005-0-0	\$622,050.00	110730
222	Byram Twp Homeowners Assoc	Sussex	Install 1,000 LF of water main and a pressure reducing valve	1904009-002-0-0	\$145,000.00	100730
223	Lake Glenwood Village	Sussex	Installation of 7,100 LF of 6-inch Cement Lined Ductile Iron Pipe replacement water mains	1922010-002-0-0	\$725,000.00	110730
224	Lake Glenwood Village	Sussex	Replacement of 1,000 LF of water mains on Cliffside, Toboggan & Lakeshore	1922010-004-0-0	\$104,400.00	100730
225	Willor Manor Water Company	Sussex	Replacement of undersized water mains	1904008-002-0-0	\$301,745.00	100730
226	Passaic Valley WC	Passaic	Installation of a back up Wanaque interconnection line	1605002-010-0-0	\$1,087,500.00	110730
227	Passaic Valley WC	Passaic	Emergency interconnection upgrade between PVWC and United Water that supply water to the Borough of Lodi	1605002-022-0-0	\$2,770,000.00	110730
228	Passaic Valley WC	Passaic	Upgrade the interconnection with United WC	1605002-016-0-0	\$2,770,000.00	110730

229	Trenton City	Mercer	Addition of 2 natural gas generators at the Central Pumping Station	1111001-006-0-0	\$8,550,000.00	091210
230	Brick Township MUA	Ocean	Installation of security measures in water system: Hatch Blue Guardian system to monitor WQ, lightning strike protection, surveillance cameras, wind turbine and solar panels	1506001-006-0-0	\$3,100,000.00	110730
231	Brick Township MUA	Ocean	Installation of emergency generators w/ controls & instrumentation at 3 booster pump stations	1506001-004-0-0	\$610,980.00	100730
232	Berkeley Township MUA	Ocean	Install new water mains to existing homes and commercial establishments. New mains are approx. 10,000 LF of 8, 10 and 12 inch ductile iron cement	1505004-002-0-0	\$6,652,184.00	100730
233	Berkeley Township/MUA	Ocean	Extension of water mains to serve existing homes on private wells in the Manitou Park Section of the Township	1505004-005-0-0	\$10,819,165.00	100730
234	NJ American Water Co.-Elizabethtown	Union	36 inch valve replacement at Madison Hill Road	2004002-006-0-0	\$253,750.00	100730
235	NJ American Water Co.-Elizabethtown	Union	Replacement of 540 LF of water mains on Carlton Road, Park and Central Roads	2004002-005-0-0	\$471,976.00	100730
236	NJ American Water Co.-Elizabethtown	Union	Replacement of 9,505 LF of water mains on Grover and Brandt Avenues, Black River and Carlton Roads and various Streets	2004002-004-0-0	\$1,694,305.00	100730
237	NJ American Water Co.-Atlantic	Atlantic	Construction of a 1.5 MG elevated tank including water mains	0119002-004-0-0	\$2,902,000.00	110730
238	Winslow Township	Camden	Install new 500 GPM well #12	0436007-005-0-0	\$331,470.00	110730
239	Winslow Township	Camden	Install appurtenances associated with new well #12 (SCADA, well house, transmission mains)	0436007-004-0-0	\$2,494,120.00	110730
240	Rahway City	Union	Repainting of 1.5 MG elevated & 0.5 MG watersphere water tanks	2013001-004-0-0	\$1,087,500.00	110730
241	Mahwah Township	Bergen	Interconnection on Campgaw & Pulis Avenues	0233001-003-0-0	\$1,846,000.00	110730
242	NJ American Water Co.-Coastal North System	Monmouth	Rehab of High Service Transmission Main in Middletown	1345001-006-0-0	\$6,996,650.00	100730
243	NJ American Water Co.-Coastal North System	Monmouth	East End Transmission Main Replacement	1345001-009-0-0	\$1,922,865.00	100730
244	NJ American Water Co.-Coastal North System	Monmouth	Replacement of 12,962 LF of water mains on Euclid and Woodbine Avenues, 1st Street and various other roads	1345001-012-0-0	\$1,589,423.00	100730
245	NJ American Water Co.-Tri County	Burlington	Replacement of 800 LF of water mains on Laurel Springs - Park Avenue	0327001-010-0-0	\$87,403.00	100730
246	NJ American Water Co.-Tri County	Burlington	Replacement of 1,000 LF of water mains on Route 130 at Wynwood Drive	0327001-009-0-0	\$122,364.00	100730
247	Catateret Borough	Middlesex	Installation of 6-inch main to serve waterfront park in Cateret	1225001-020-0-0	\$858,000.00	100730

248	Middlesex Water Company	Middlesex	Construction of a 48-inch, 30,000 LF of finished water supply Transmission main from Carl J Olsen WTP to intersect Tices Lane and Old Bridge Turnpike in East Brunswick	1225001-018-0-0	\$29,962,000.00	110730
249	Middlesex Water Company	Middlesex	Cleaning & cement lining of mains (Phase 10)	1225001-013-0-0	\$5,410,000.00	130730
250	Middlesex Water Company	Middlesex	Cleaning & cement lining of mains (Phase 11)	1225001-014-0-0	\$5,410,000.00	150730
251	Middlesex Water Company	Middlesex	Cleaning & cement lining of mains (Phase 12)	1225001-015-0-0	\$5,410,000.00	170730
252	Middlesex Water Company	Middlesex	Cleaning & cement lining of mains (Phase 13)	1225001-016-0-0	\$3,946,775.00	190730
253	Middlesex Water Company	Middlesex	Replacement of 5,000 LF of 24-inch cast iron mains from Main Street in the Borough of Sayreville across the Raritan River to the City of Perth Amboy.	1225001-019-0-0	\$5,674,000.00	110730
254	Middlesex Water Company	Middlesex	Cleaning & cement lining of mains (Phase 9)	1225001-012-0-0	\$4,000,000.00	100730
255	Free Acres HOA/NJ American Water Co.-Short Hills	Essex	Replacement of 4,500 LF of water mains in Free Acres	0712001-010-0-0	\$1,836,978.00	100730
256	Free Acres HOA/NJ American Water Co.-Short Hills	Essex	Extension of 850 LF of water mains along Emerson Lane	0712001-011-0-0	\$241,370.00	100730
257	NJ American Water Co.-Short Hills	Essex	Replacement of 790 LF of water mains on Inwood Road, Glen Brook Crest and Chancelor Avenues	0712001-009-0-0	\$209,868.00	100730
258	NJ American Water Co.-Short Hills	Essex	Replacement of two large valves	0712001-008-0-0	\$870,000.00	100730
259	NJ American Water Co.-Short Hills	Essex	Replacement of 13,650 LF of water mains on Childs, Lake, Round Top and Ashland Roads, Kinnan and PV Ways	0712001-007-0-0	\$4,719,759.00	100730
260	East Orange Water Commission	Essex	Installation of solar power at water treatment plant	0705001-009-0-0	\$1,450,000.00	110730
261	Old Bridge MUA	Middlesex	Replacement of water mains along Lawrence Harbor Road	1209002-002-0-0	\$2,242,000.00	110730
262	Wayne Township	Passaic	Replacement of 2400 LF of 8-inch water main and 2000 LF of 12-inch water main -Farmingdale Area	1614001-001-0-0	\$1,582,000.00	110730
263	Franklin Township	Somerset	Installation of new water mains to eliminate dead end mains	1808001-006-0-0	\$1,334,000.00	110730
264	East Brunswick Twp	Middlesex	Replacement of undersized water mains on Wilmot, Harrison and various streets	1204001-001-0-0	\$5,020,000.00	100730
265	Sayreville Borough	Middlesex	Clean and line water mains in several sections of the Borough	1219001-008-0-0	\$2,730,000.00	100730
266	Sayreville Borough	Middlesex	Rehabilitate existing unlined cast iron water mains in several areas of Sayreville	1219001-004-0-0	\$6,730,000.00	100730
267	Sayreville Borough	Middlesex	Construct new water main along Washington Road	1219001-006-0-0	\$929,500.00	100730
268	Mount Laurel Township MUA	Burlington	Replacement of 1,460 LF of 8 and 12-inch water main	0324001-006-0-0	\$573,260.00	100730
269	Montclair Township	Essex	Cleaning & Lining of water mains	0713001-002-0-0	\$1,087,500.00	110730

270	Montclair Township	Essex	Replace Transmission Valves	0713001-003-0-0	\$942,500.00	110730
271	Montclair Township	Essex	Replacement of lead service Lines - Phase III	0713001-010-0-0	\$1,152,000.00	100730
272	North Brunswick Township	Middlesex	Install 16 inch water main to connect existing Township water mains-located both sides of Route 1 to complete a service loop	1215001-004-0-0	\$2,057,000.00	100730
273	North Brunswick Township	Middlesex	Replacement of 4 miles of 24 inch water main from the North Brunswick Twp Treatment plant to Finnegan's Lane	1215001-002-0-0	\$6,730,000.00	110730
274	North Brunswick Township	Middlesex	Replacement of 2,350 LF of 8 inch water mains on Excelsior and Thalia Streets and Sioux Road	1215001-005-0-0	\$1,209,000.00	100730
275	Burlington Township	Burlington	Replacement of 1,500 LF of main on Lansberry Dr and LaVeer Rd	0306001-004-0-0	\$310,300.00	100730
276	Montville Township	Morris	Installation of 880 LF of 8 inch water main and a pressure reducing facility to provide a secondary supply to the Pine Brook Road service area	1421003-002-0-0	\$160,000.00	100730
277	Ramsey Board of Public Utilities	Bergen	Replacement of North Central Ave water main	0248001-014-0-0	\$100,000.00	100730
278	Avalon Borough	Cape May	Rehabilitation of a storage tank	0501001-001-0-0	\$1,714,000.00	100730
279	Beach Haven Borough	Ocean	Rehabilitation of elevated storage tank	1503001-003-0-0	\$1,008,635.00	091210
280	Bordentown City	Burlington	Replacement of 1,500 LF of 12-inch transmission mains	0303001-002-0-0	\$488,900.00	100730
281	Bordentown City	Burlington	Clean & line 340 LF of water main & install 470 LF of water main w/ appurtenances-West Chestnut	0303001-001-0-0	\$323,000.00	100730
282	Pennsville Township	Salem	Rehabilitate .25 MG Water Street storage tank	1708001-003-0-0	\$217,500.00	110730
283	Saddle Brook Township	Gloucester	Construction of 1,200 LF of 8-inch water mains	0802001-001-0-0	\$674,250.00	110730
284	Berlin Borough	Camden	A 12 inch water main needs to be tied in at Park Drive and White Horse Pike	0405001-006-0-0	\$290,000.00	110730
285	Clinton Town	Hunterdon	Construction of a new 2.5 MG Storage Tank	1005001-002-0-0	\$2,934,845.00	100730
286	Haddonfield Borough	Camden	Replacement of water main on Tanner & Woodlane with 8 inch	0417001-001-0-0	\$760,359.00	100730
287	Pompton Lakes MUA	Passaic	Abandonment of Cannonball Rd main and installation of insertion valves throughout system	1609001-001-0-0	\$209,000.00	100730
288	Pompton Lakes MUA	Passaic	Replacement of water mains in Garden Rd area & Colfax Ave	1609001-006-0-0	\$2,400,000.00	110730
289	Beachwood Borough	Ocean	The Cable Avenue water main replacement includes replacing 4, 6 and 8 inch water mains with 3,500 LF of 8 inch main	1504001-006-0-0	\$600,000.00	100730
290	East Hanover Township	Morris	Replace water mains	1410001-004-0-0	\$507,500.00	110730
291	Wanaque Borough	Passaic	Replacement of approximately 6,000 feet of water main and services on Ringwood Avenue	1613002-002-0-0	\$1,986,000.00	100730

292	Ringwood Borough	Passaic	Replacement of undersized water mains	1611002-002-0-0	\$942,500.00	110730
293	Aberdeen Township	Monmouth	Install two water utility crossing of Route 35 to improve the capability of the existing water distribution system	1330002-004-0-0	\$511,000.00	100730
294	Aberdeen Township	Monmouth	Replace deteriorated water main from Route 35/Long Neck crossing to and along County Road to improve the system's reliability, pressure and fire protection	1330002-003-0-0	\$942,500.00	100730
295	Aberdeen Township	Monmouth	Replace existing water main crossing on Cliffwood Avenue/NJGSP overpass with a new water main to improve the system's reliability, pressure and fire protection	1330002-002-0-0	\$1,452,700.00	100730
296	Aberdeen Township	Monmouth	Installation of water mains to provide water services and fire protection to residents within the Aberdeen Road area of the Cliffwood/Cliffwood Beach service areas.	1330002-001-0-0	\$1,131,000.00	100730
297	Florham Park Boro	Morris	Replacement of 14 6-inch line valves, 12 hydrants and 11 services	1411001-002-0-0	\$237,916.00	100730
298	Spotswood Borough	Middlesex	Cleaning and lining of approximately 3,600 LF of water mains	1224001-001-0-0	\$580,000.00	110730
299	Hopatcong Borough	Sussex	Replacement of mains with upgrading of well & pump - Wildwood Shores & Madison Trail	1912001-002-0-0	\$1,123,750.00	110730
300	Richard Stockton College of NJ	Atlantic	Installation of solar power at water treatment plant	0111304-001-0-0	\$986,000.00	100730
301	Glen Ridge Borough	Essex	Replace approximately 220 lead services and abandon undersize mains-phase III	0708001-005-0-0	\$796,000.00	100730
302	Bloomingtondale Borough	Passaic	Replacement of undersize mains with 8-inch & 10-inch cement lined ductile iron pipe	1601001-004-0-0	\$918,880.00	110730
303	Allamuchy Township	Warren	Water main replacement of 20,000 LF - Phase 2	2101001-003-0-0	\$3,166,000.00	100730
304	Stanhope Borough	Sussex	Replacement of old 4 inch water mains in Overhill and Ridge Roads, Plane and High Streets with 8 inch DIP totaling 1,485 LF including valves and fittings	1919001-001-0-0	\$406,000.00	110730
305	NJ American Water Co.-Ortley Beach	Ocean	Replacement of 1,430 LF of water mains on West Plover and West Swordfish Ways	1507007-002-0-0	\$137,484.00	100730
306	Ocean Gate Borough	Ocean	Installation and hook up of a wind turbine electrical generator for powering the Water System and providing the necessary electrical hookups to the existing electrical equipment and adapting to the existing electrical power grid.	1521001-001-0-0	\$429,880.00	091210
307	Fayson Lake Water Co	Morris	Replace existing water main to eliminate breaks and upgrade water mains to loop system	1415001-002-0-0	\$823,600.00	110730
308	Island Heights Borough	Ocean	Replacement of 75 fire hydrants and repairs to 21 fire hydrants	1510001-004-0-0	\$363,660.00	100730

309	Milford Borough	Hunterdon	Replace 5,000 LF with 8-inch water mains on Delaware & Ravine Rds to loop system	1020001-002-0-0	\$1,865,220.00	100730
310	Milford Borough	Hunterdon	Replace 3,000 LF with 8-inch water mains on Green, Maple, Orchard, Walnut & Railroad Sts	1020001-001-0-0	\$1,062,500.00	100730
311	Roosevelt Borough	Monmouth	Cleaning and Lining of water mains within the Borough	1341001-001-0-0	\$476,902.00	110730
312	Byram Twp Homeowners Assoc	Sussex	Rehabilitation of 135,000 gallon storage tank	1904009-005-0-0	\$217,500.00	100730
313	Collier Services	Monmouth	Replace distribution system and associated appurtenances including hydrants within the Collier Services property	1328300-002-0-0	\$368,300.00	110730
314	Rosemont Water Company	Hunterdon	Rehabilitate and/or replace existing distribution mains	1007002-002-0-0	\$524,111.00	110730
315	Plausha Park Water Co	Morris	Replacement of main at stream crossing, valves and installing blow off hydrants	1421004-002-0-0	\$134,500.00	100730
316	Stafford Township	Ocean	Installation of new water meters @ Ocean Acres (Phase 5)	1530004-012-0-0	\$384,924.00	091008
317	Netcong Borough	Morris	Drill new well to meet current demand	1428001-003-0-0	\$616,250.00	110730
318	Passaic Valley WC	Passaic	Replacement of surface water intake facilities on the Passaic River	1605002-009-0-0	\$1,160,000.00	110730
319	Trenton City	Mercer	Construction of an emergency interconnection with NJAWCo comprising of 33,000 LF of 12, 16 and 24 inches of transmission main	1111001-007-0-0	\$17,110,000.00	110730
320	NJ American Water Co.-Elizabethtown	Union	Hummocks Tank Painting	2004002-002-0-0	\$2,135,949.00	110730
321	NJ American Water Co.-Elizabethtown	Union	Upgrade or replace existing booster station due to aging and obsolete equipment (Roselle Station)	2004002-003-0-0	\$6,646,817.00	100730
322	NJ American Water Co.-Elizabethtown	Union	Prospect Ave Tank (Mountainside) Painting	2004002-008-0-0	\$507,500.00	100730
323	NJ American Water Co.-Atlantic	Dobbs Avenue VOC Treatment	Installation of New Water Meters	0119002-009-0-0	\$186,529.00	100730
324	Willingboro MUA	Burlington	Installation of solar power at water treatment plant	0338001-001-0-0	\$2,477,480.00	091210
325	NJ American Water Co.-Ocean City		Installation of New Water Meters	0508001-006-0-0	\$152,251.00	100730

326	Ramsey Board of Public Utilities	Bergen	Rehabilitate Dixon, Martis & Spring wells	0248001-006-0-0	\$362,500.00	110730
327	Ramsey Board of Public Utilities	Bergen	Construction of 2 wells with pump station & piping	0248001-007-0-0	\$4,208,800.00	110730
328	Matawan Borough	Monmouth	Structural improvement at the two existing water storage tanks	1329001-002-0-0	\$911,915.00	091210
329	Hightstown Borough	Mercer	New Wycoff Mills Water Storage Tank with transmission mains	1104001-001-0-0	\$1,196,250.00	110730
330	Lake Glenwood Village	Sussex	Installation of a new 8,000 gal. underground concrete water storage tank	1922010-003-0-0	\$72,500.00	110730
331	Colby Water Company	Sussex	Installation of a new storage tank	1904007-002-0-0	\$217,500.00	110730
332	NJ American Water Co.-Coastal North System	Monmouth	Sunset Avenue and Monterey Tank Painting	1345001-010-0-0	\$870,000.00	100730
333	NJ American Water Co.-Coastal North System	Monmouth	Rehab of Newman Springs Pumping Station	1345001-008-0-0	\$580,000.00	100730
334	NJ American Water Co.-Short Hills	Essex	Short Hills Tank Painting	0712001-006-0-0	\$580,000.00	100730
335	Stafford Township	Ocean	Construction of 2,600 LF of 8 and 12-inch water main on Rte 9 and Oak Ave	1530004-014-0-0	\$706,202.00	100730
336	Old Bridge MUA	Middlesex	Construct 12-inch and 16-inch pipe to connect the existing Higgins Road water storage tank to the existing Rt 516 ground water storage tank and rehabilitate tanks	1209002-007-0-0	\$5,146,000.00	100730
337	Parsippany Troy Hills Township	Morris	Repainting of 1 MG water storage tank	1429001-004-0-0	\$921,500.00	100730
338	Franklin Township	Somerset	Replacement of 2 elevated storage tanks	1808001-004-0-0	\$10,030,000.00	110730
339	Sayreville Borough	Middlesex	Rehabilitate existing 3 MG tank	1219001-003-0-0	\$3,380,000.00	100730
340	Sayreville Borough	Middlesex	Rehabilitate the pump station facility and surface intake on the South River located in Sayreville	1219001-002-0-0	\$435,000.00	100730
341	Montclair Township	Essex	Rehabilitate 2.5 MG & 1.5 MG storage tanks with piping	0713001-004-0-0	\$725,000.00	110730
342	Mahwah Township	Bergen	Rehabilitation of Campgaw elevated storage tank	0233001-010-0-0	\$488,580.00	100730
343	Little Egg Harbor MUA	Ocean	Construction of test well 12 which will serve the summer peak demand in the low pressure zone	1516001-002-0-0	\$308,512.00	100730
344	Montville Township	Morris	Storage tank rehabilitation, which includes increasing the capacity of 0.25 MG tank to 0.33 MG	1421003-003-0-0	\$435,000.00	110730
345	Point Pleasant Borough	Ocean	Replacement of the Clifton Ave storage tank	1524001-001-0-0	\$1,406,000.00	100730
346	West Caidwell Township	Essex	Rehabilitation of McKinley Ave storage tank	0721001-001-0-0	\$700,000.00	100730
347	Sparta Township Water Utility	Sussex	Installation of a 600 KW wind turbine generator at Germany Flats Water Utility	1918004-001-0-0	\$1,384,344.00	100730
348	Verona Township	Essex	Rehabilitation of the 2 MG Fairview Avenue storage tank	0720001-005-0-0	\$1,001,715.00	100730

349	Verona Township	Essex	Acquisition of the ECUA Jail Annex tank plus rehab and upgrading of the tank	0720001-004-0-0	\$725,000.00	100730
350	Pompton Lakes MUA	Passaic	Rehabilitation of the exterior of the existing 1.0 MG tank	1609001-002-0-0	\$245,500.00	100730
351	Pompton Lakes MUA	Passaic	Replacement of water storage tanks with a 1.0 MG tank	1609001-005-0-0	\$1,300,000.00	110730
352	Waldwick Borough	Bergen	Replacement of two storage tanks with a 0.8 MG storage tank	0264001-002-0-0	\$1,133,010.00	100730
353	Florham Park Boro	Morris	Rehabilitation of a 1.0 MG storage tank	1411001-003-0-0	\$884,500.00	110730
354	Boonton Town	Morris	Replacement of 0.6 MG storage tank with a new 0.75 MG steel tank	1401001-001-0-0	\$1,285,388.00	100730
355	North Caldwell Borough	Essex	Rehabilitate a 1.29 MG steel water tank. Remove and replace 800 feet of existing chain link fence and 16 foot wide gate that encloses the tank	0715001-001-0-0	\$681,500.00	100730
356	Fayson Lake Water Co	Morris	Replace existing 0.1 MG Stony Brook storage tank with a 0.25 MG tank	1415001-003-0-0	\$755,000.00	100730
357	Central Regional Board of Ed. Bayville	Ocean	Construction of new interconnection with existing municipal water system	1505355-002-0-0	\$1,450,000.00	110730
358	Essex Fells Borough	Essex	Rehabilitate 1 MG water storage tank	0706001-001-0-0	\$490,000.00	100730
359	Glen Gardner Borough	Hunterdon	Rehabilitate storage tank	1012001-001-0-0	\$563,000.00	100730
360	Island Heights Borough	Ocean	Replacement of a .1 MG storage tank with a .25 MG storage tank	1510001-002-0-0	\$2,446,140.00	100730
361	Forest Lakes Water Company	Sussex	Installation of two generators	1904003-001	\$145,000.00	100730
362	Stillwater Twp District #1	Sussex	Painting interior of water tank	1920001-002-0-0	\$58,000.00	100730
363	Roosevelt Borough	Monmouth	Rehabilitation of water tower	1341001-002-0-0	\$500,000.00	091210
364	Byram Twp Homeowners Assoc	Sussex	Installation of emergency generator and security features	1904009-004-0-0	\$72,500.00	100730
365	Collier Services	Monmouth	Replace existing 24,000 gallon elevated storage tank to prevent freezing and leakage	1328300-001-0-0	\$507,500.00	110730
366	Rosemont Water Company	Hunterdon	Replace existing underground hydro-pneumatic tank with ground level storage tank	1007002-003-0-0	\$56,347.00	110730
367	Plausha Park Water Co	Morris	Rehabilitation of concrete storage facility including security measures and instrumentation	1421004-003-0-0	\$201,750.00	100730
368	Haledon Borough	Passaic	Drilling of replacement well at Tilt Street community	1603301-001-0-0	\$290,000.00	110730
369	NJ American Water Co.-Atlantic	Dobbs Avenue VOC Treatment	Replacement of Water Meters	0119002-010-0-0	\$467,895.00	100730
370	NJ American Water Co.-Ocean City		Replacement of Water Meters	0508001-007-0-0	\$1,450,743.00	100730
371	NJ American Water Co.-Tri County	Burlington	Installation of a booster station including associated apputenances at Barrington	0327001-008-0-0	\$725,000.00	100730

372	Brick Township MUA	Ocean	Installation of a replacement well as an ASR well	1506001-005-0-0	\$3,869,540.00	100730
373	Nutley Township	Essex	Replace 6,400 antiquated water meters and retrofit 2,600 meter heads	0716001-001-0-0	\$4,311,760.00	100730
374	Mahwah Township	Bergen	Installation of a new Nilson Ave. Booser Pump Station	0233001-011-0-0	\$1,877,752.00	100730
375	Stafford Township	Ocean	Redevelopment of wells # 2 and 5	1530004-015-0-0	\$132,200.00	100730
376	Verona Township	Essex	Construction of a new Fairview Ave tank	0720001-003-0-0	\$2,770,000.00	100730
377	Beach Haven Borough	Ocean	Installation of water meters for 2,500 unmetered services	1503001-004-0-0	\$4,082,250.00	091008
378	Bordentown City	Burlington	Construct a 1.25 MG storage tank	0303001-005-0-0	\$3,276,000.00	100730
379	East Hanover Township	Morris	Construction of a new water storage tank	1410001-005-0-0	\$3,430,000.00	110730
380	Matawan Borough	Monmouth	Installation of a new generator and equipment controls	1329001-004-0-0	\$512,952.00	091210
381	Harding Woods MHC	Salem	Installation of new water meters in Harding Woods Mobile Home Park	1710001-002-0-0	\$304,500.00	110730
382	NJ American Water Co.-Coastal North System	Monmouth	Installation of solar power at Yellowbrook WTP	1345001-013-0-0	\$1,468,480.00	100730
383	NJ American Water Co.-Tri County	Burlington	Installation of solar power at Delran WTP	0327001-011-0-0	\$9,119,200.00	100730
384	NJ American Water Co.-Short Hills	Essex	Installation of solar power at Canoe Brook WTP	0712001-012-0-0	\$1,452,000.00	100730
385	East Orange Water Commission	Essex	Replacement of electrical cable for wellfield which includes Well Nos. 3, 4 & 5	0705001-005-0-0	\$1,377,500.00	110730
386	East Orange Water Commission	Essex	Rehab of Braidburn wells #1 & #2; Canoe Brook wells #2, #3 & #4	0705001-004-0-0	\$1,708,720.00	110730
387	NJ American Water Co.-Atlantic	Atlantic	Smithville ASR Well	0119002-006-0-0	\$1,166,108.00	100730
388	NJ American Water Co.-Ocean City	Cape May	Third Street Well Replacement	0508001-003-0-0	\$2,770,000.00	100730
389	NJ American Water Co.-Mt Holly	Burlington	Installation of solar power at Mansfield WTP complex	0323001-002-0-0	\$8,073,100.00	100730
390	Jackson Township MUA	Ocean	Installation of a water main and booster station to interconnect the Legler system	1511001-008-0-0	\$3,781,780.00	100730
391	Garfield City	Bergen	Rehabilitation of Well 1A	0221001-003-0-0	\$580,000.00	110730
392	Pompton Lakes MUA	Passaic	Installation of emergency generator at wells	1609001-004-0-0	\$253,750.00	110730
393	Fayson Lake Water Co	Morris	Upgrade security features at drinking water facilities	1415001-004-0-0	\$14,500.00	110730
394	Lakehurst Borough	Ocean	Redevelopment of Well 16	1513001-001-0-0	\$73,150.00	100730
395	Sparta Township Water Utility	Sussex	Installation of a water main interconnection (8 inch - 5,000 ft) between the Highlands water system and the Sunset Lakes water system to supplement water demands during summer	1918003-001-0-0	\$589,356.00	100730

396	NJ American Water Co.-Coastal North System	Monmouth	Monterey Iron Removal	1345001-007-0-0	\$6,730,000.00	100730
397	Middlesex Water Company	Middlesex	Installation of nanofiltration for hardness removal (No. Tingley Lane)	1225001-003-0-0	\$2,110,000.00	110730
398	Middlesex Water Company	Middlesex	Installation of nanofiltration for hardness removal (So. Tingley Lane)	1225001-004-0-0	\$2,770,000.00	110730
399	NJ American Water Co.-Elizabethtown	Union	Installation of New Water Meters	2004002-009-0-0	\$234,100.00	100730
400	Belleville Township	Essex	Replacement of water meters	0701001-005-0-0	\$4,090,000.00	110730
401	Barnegat Township	Ocean	Replacement of water meters & Back flow preventers	1533001-002-0-0	\$652,500.00	110730
402	East Hanover Township	Morris	Renovation of treatment plant - addition of ion exchange for well #1 & #2	1410001-001-0-0	\$1,305,000.00	110730
403	Florham Park Boro	Morris	Construction of Water Treatment Facility for removal of manganese	1411001-001-0-0	\$6,992,296.00	100730
404	Byram Twp Homeowners Assoc	Sussex	Replacement of water meters for 150 homes	1904009-001-0-0	\$217,500.00	100730
405	NJ American Water Co.-Coastal North System		Installation of New Water Meters	1345001-014-0-0	\$139,397.00	100730
406	NJ American Water Co.-Tri County		Installation of New Water Meters	0327001-012-0-0	\$169,105.00	100730
407	NJ American Water Co.-Short Hills		Installation of New Water Meters	0712001-014-0-0	\$249,136.00	100730
408	Stafford Township	Ocean	Installation of 5,000 LF of main under the GSP as secondary crossing	1530004-016-0-0	\$4,090,000.00	100730
409	Stafford Township	Ocean	Construction of New Water Mains to serve existing homes in Ocean Acres (Phase 5)	1530004-006-0-0	\$10,307,959.00	091210
410	Bellmawr Borough	Camden	Replacement of water mains will be needed to serve a redevelopment area.	0404001-003-0-0	\$8,182,000.00	100730
411	Bellmawr Borough	Camden	A new 0.3 MG storage tank is needed to serve a Brownfield redevelopment area.	0404001-004-0-0	\$551,000.00	100730
412	NJ American Water Co.-Mt Holly		Installation of New Water Meters	0323001-003-0-0	\$10,283.00	100730
413	NJ American Water Co.-Little Falls		Installation of New Water Meters	1605001-003-0-0	\$133,452.00	100730
414	Collier Services	Monmouth	Install new meters and water conservation devices at Collier Services Bldgs	1328300-005-0-0	\$4,350.00	110730
415	NJ American Water Co.-Short Hills	Essex	Interconnection of Twin Lake and Short Hill Systems	0712001-004-0-0	\$870,000.00	110730

416	Garfield City	Bergen	Upgrade to SCADA	0221001-007-0-0	\$72,500.00	100730
417	Lower Township MUA	Cape May	Extension of water mains to service homes that are on private wells	0505002-001-0-0	\$6,730,000.00	100730
418	Lower Township MUA	Cape May	Installation of well #10	0505002-002-0-0	\$2,110,000.00	100730
419	NJ American Water Co.-Elizabethtown		Replacement of Water Meters	2004002-010-0-0	\$2,568,432.00	100730
420	Franklin Township	Somerset	Construction of an interconnection w/ New Brunswick City including 1450 Lf of water main and a booster pump station	1808001-007-0-0	\$742,000.00	100730
421	Merchantville Pennsauken WC	Camden	Replacement of well 1A at Browning Rd WTP	0424001-005-0-0	\$300,000.00	100730
422	Jackson Township MUA	Ocean	Construction of back up well for Manhattan Water Treatment Plant	1511001-006-0-0	\$709,166.00	100730
423	Beach Haven Borough	Ocean	Construction of a new Well 11 to replace Well 8 due to infiltration	1503001-001-0-0	\$976,976.00	091210
424	Ocean Township	Ocean	Modifications to Well 6 at the Route 532 WTP which includes replacement of pump and motors	1520001-002-0-0	\$198,000.00	100730
425	Freehold Borough	Monmouth	Replace and construct two well houses that protect well pumps	1315001-001-0-0	\$181,250.00	110730
426	Hightstown Borough	Mercer	New Well #3 - Upgrades to plant, well house and pump	1104001-002-0-0	\$725,000.00	110730
427	National Park Borough	Gloucester	Redevelopment/ Rehabilitation to Well 5	0812001-002-0-0	\$178,890.00	100730
428	Fayson Lake Water Co	Morris	Construct an interconnection for bulk purchase	1415001-005-0-0	\$4,354,000.00	100730
429	Camden County Board of Education	Camden	Rehabilitation of well #1	0415308-001-0-0	\$449,500.00	100730
430	Mount Olive Township	Morris	Installation of 5,000 LF of 12 inch main to interconnect Tinc Farm and Goldmine; interconnect Lynnwood System within Mount Olive Township	1427015-001-0-0	\$969,000.00	100730
431	Byram Twp Homeowners Assoc	Sussex	Rehabilitation of wells # 1 & 2	1904009-003-0-0	\$145,000.00	100730
432	Colby Water Company	Sussex	Installation of back up well	1904007-001-0-0	\$145,000.00	110730
433	NJ American Water Co.-Coastal North System		Replacement of Water Meters	1345001-015-0-0	\$1,100,054.00	100730
434	NJ American Water Co.-Tri County		Replacement of Water Meters	0327001-013-0-0	\$9,119,200.00	100730
435	NJ American Water Co.-Short Hills		Replacement of Water Meters	0712001-015-0-0	\$4,696,074.00	100730
436	NJ American Water Co.-Mercer		Replacement of Water Meters	1103002-001-0-0	\$5,956,712.00	100730

437	Franklin Township	Somerset	Replace water meters	1808001-005-0-0	\$4,750,000.00	110730
438	NJ American Water Co.-Mt Holly		Replacement of Water Meters	0323001-004-0-0	\$2,499,985.00	100730
439	Burlington Township	Burlington	Purchase of water meters to replace existing meters-Phases 2 to 4	0306001-003-0-0	\$270,000.00	100730
440	NJ American Water Co.-Little Falls		Replacement of Water Meters	1605001-004-0-0	\$1,371,019.00	100730
441	Glen Ridge Borough	Essex	Replacement of water meters to a remote read system	0708001-004-0-0	\$1,433,530.00	091210
442	Mine Hill Township	Morris	Replace water meters	1420001-004-0-0	\$304,500.00	110730
443	Fayson Lake Water Co	Morris	Replace approximately 800 water meters	1415001-006-0-0	\$83,955.00	110730
444	Matawan Borough	Monmouth	Rehabilitate the Borough's two wells	1329001-003-0-0	\$296,372.00	091210
445	NJ American Water Co.-Coastal North System	Monmouth	Drill two additional wells to increase the capacity at Yellowbrook WTP	1345001-011-0-0	\$4,664,433.00	100730
446	Merchantville Pennsauken WC	Camden	New Administration building for Water system	0424001-006-0-0	\$4,150,000.00	100730
447	Jackson Township MUA	Ocean	Ancillary Improvements to the Old Manhattan Water Treatment Facility	1511001-007-0-0	\$2,110,000.00	110730
448	Barneget Township	Ocean	Installation of 1,700 LF of 8 inch PVC water main extension on Memorial Drive and 680 LF of 12 inch PVC main on Hillside Avenue	1533001-003-0-0	\$301,600.00	110730
449	New Jersey Water Supply Authority	Monmouth	Construction of Intake Pumping Intake Building	1352005-004-0-0	\$4,685,280.00	100730
450	Montclair Township	Essex	Construction of a Water Treatment Plant and main for Nishuane well	0713001-008-0-0	\$1,073,000.00	110730
451	Montclair Township	Essex	Redevelop Glenfield Wells	0713001-006-0-0	\$725,000.00	110730
452	Lacey Township	Ocean	Construction of two test wells # 7 and 8	1512001-001-0-0	\$2,228,680.00	100730
453	Burlington Township	Burlington	Rehabilitate well #4	0306001-002-0-0	\$81,000.00	100730
454	Berlin Borough	Camden	Redrilling of well, approximately 450 feet deep	0405001-007-0-0	\$870,000.00	110730
455	East Hanover Township	Morris	New Water Treatment Plant for Well 6	1410001-002-0-0	\$3,133,000.00	110730
456	Hopatcong Borough	Sussex	Construction of a new surface water treatment plant for reactivated Elbo Pt well	1912001-010-0-0	\$2,506,000.00	100730
457	Hopatcong Borough	Sussex	Install new well and construct associated treatment facilities, SCADA system, generator & mains	1912001-008-0-0	\$965,700.00	110730
458	East Greenwich Township	Gloucester	Construction of a well house for well#4 w/ associated piping	0803001-003-0-0	\$3,470,000.00	100730
459	East Greenwich Township	Gloucester	Construct new well #3	0803001-001-0-0	\$833,750.00	110730
460	Fayson Lake Water Co	Morris	Upgrades to pump and telemetering on well #7	1415001-011-0-0	\$11,600.00	110730

461	Fayson Lake Water Co	Morris	Drill new well #9	1415001-010-0-0	\$681,500.00	110730
462	Fayson Lake Water Co	Morris	Drill well #8 to replace existing wells	1415001-009-0-0	\$420,500.00	110730
463	Farmingdale Borough	Monmouth	Redevelop well #3; upgrade control system for well #3 & 4, misc improvements to the WTP	1314001-001-0-0	\$535,200.00	100730
464	NJ American Water Co.-Bridgeport	Gloucester	Beckett Well Replacement	0809001-001-0-0	\$583,054.00	100730
465	Somerset County Improvement Authority/NJAWCo	Esex	Installation of water mains at redevelopment project	0712001-013-0-0	\$1,452,000.00	100730
466	Sayreville Borough	Middlesex	Construct new transmission mains in the northeast section of the Borough	1219001-005-0-0	\$1,430,000.00	100730
467	Mount Laurel Township MUA	Burlington	Construct a new 4 MGD surface water treatment plant	0324001-002-0-0	\$41,428,000.00	110730
468	Mahwah Township	Bergen	Construction of two new wells	0233001-009-0-0	\$870,000.00	110730
469	Montville Township	Morris	Installation of 2,300 LF of 8 inch water main and appurtances on Hillcrest and Upper Mountain Avenues	1421003-001-0-0	\$471,250.00	110730
470	United Water /Franklin Lakes Twp	Bergen	Construction of about 3,600 LF of 8 inch water main in the vicinity of Birch Road which currently has private wells	0220001-001-0-0	\$942,500.00	100730
471	Woodland Park Borough	Passaic	Extension of water mains to service homes that are on private wells	1616001-001-0-0	\$2,413,600.00	100730
472	Fayson Lake Water Co	Morris	Upgrade telemetry on Round Hill Storage Tank	1415001-008-0-0	\$29,000.00	110730
473	Logan Township	Gloucester	Water Main Extension	0809002-001-0-0	\$1,790,197.00	110730

\$1,503,526,490.00

Trust Meeting Dates

January 21, 2010

February 25, 2010

March 11, 2010

April 8, 2010

May 6, 2010

June 10, 2010

July 8, 2010

August 12, 2010

September 9, 2010

September 21, 2010 (Conference Call)

October 21, 2010

November, 2010 (If Necessary)

December 9, 2010

However, occasionally meetings are moved to other locations to accommodate larger attendance or specific events. Therefore, please check with the Trust Office for confirmation of specific dates, times and locations. For further information, please call (609) 219-8600.