NEW JERSEY ENVIRONMENTAL INFRASTRUCTURE FINANCING PROGRAM

STATE FISCAL YEAR 2013 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 2012

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Report to the Legislature Pursuant to

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

By

Warren H. Victor, Chairman

New Jersey Environmental Infrastructure Trust

Bob Martin, Commissioner New Jersey Department of Environmental Protection

New Jersey Environmental Infrastructure Trust

New Jersey Department of Environmental Protection

January 10, 2012

TO: **Honorable Members of the New Jersey State Legislature**

FROM: **Bob Martin, Commissioner, NJ Department of Environmental Protection**
Warren Victor, Chairman of the Board, NJ Environmental Infrastructure Trust

SUBJECT: **State Fiscal Year 2013 New Jersey Environmental Infrastructure Financing Program**

Introduction

The New Jersey Department of Environmental Protection (DEP) and the New Jersey Environmental Infrastructure Trust (Trust) are pleased to present the New Jersey State Legislature (Legislature) with this Report (January Report), summarizing the project priority system and the initial projects identified for financing in the State Fiscal Year (FY) 2013 New Jersey Environmental Infrastructure Financing Program ("NJEIFP" or "Financing Program"). Later this year, the Trust will present the Legislature with the May Report setting forth the plan by which the FY 2013 projects will be financed.

This January Report identifies an initial pool for the FY 2013 Financing Program of 125 projects with an estimated value of $460 million.

Background

The Trust was created by the Legislature in 1986 in recognition of the State's need for efficient and low cost financing for environmental infrastructure projects. Through the Financing Program, the DEP together with the Trust ensure that the infrastructure, which is critical in protecting public health, water quality, the State's natural resources and supporting economic growth, is properly constructed to meet State and Federal standards.

Projects eligible for financial assistance include a wide variety of wastewater treatment plant upgrades and improvements, combined sewer overflow abatement facilities and stormwater management activities. The construction of these projects help to keep the pollutants out of the rivers, lakes and other waterbodies in the State and the waters clean for boating, fishing and other recreational purposes. Also eligible through the Financing Program are projects to needed to improve potable water systems so that they are capable of providing safe water to the residents of New Jersey.

For the past 24 years, the DEP and the Trust have partnered through the NJEIFP leveraging State and federal funds, loan repayments and Trust bond proceeds to issue low interest loans for the construction, replacement and rehabilitation of environmental infrastructure projects. To date:

- NJEIFP has issued over $5.6 billion in low-interest loans,
- NFEIFP has consistently received and maintained the highest AAA ratings from the three major independent rating agencies, allowing the program participants to receive the lowest possible available financing rates for water-related infrastructure,
- The Trust's safe, multi-agency AAA bond rating combined with the DEP's 0% interest rate have helped New Jersey's taxpayers and ratepayers save more than $2.2 billion in interest costs, and

- Since its inception, NJEIFP's total loan spending has generated more than 100,000 direct jobs throughout the State.

FY2012 Recap ***(162 Projects / $ 535 million)***

The FY 2012 Financing Program currently under way, has two main project-type components; (i) Traditional Clean and Drinking Water projects (which is then further delineated into those projects which rank high enough to receive a portion of their State DEP loan in the form of a Principal Forgiveness loan) and (ii) Barnegat Bay projects with loans offered to those participants whose applications are directed specifically to reduce nitrogen loading into the Barnegat Bay caused by storm water runoff.

1. Traditional Financing Program Projects ***(136 Projects / $515 million)***

The 2012 Financing Program is in the process of reviewing and approving 165 Clean and Drinking Water projects totaling more than $697 million. . These projects range from simple equipment purchases and water and sewer line repair and replacement to complex regional treatment plant expansion and upgrade projects.

- Clean Water (CW) Projects (82 projects / $342.2 million):
  - "Traditional" CW Loans – Sixty three (63) projects / $189.8 million are under consideration for loans,
  - "Principal Forgiveness" CW Loans - Nineteen (19) projects / $152.4 million are under consideration for loans. Of this amount, the DEP will be forgiving $18.1 million in principal repayment for these 19 borrowers.
- Drinking Water (DW) Projects (54 projects / $172.7 million):
  - "Traditional" DW Loans - Fifty Four (43) Drinking Water projects / $138.8 million are under consideration for loans.
  - "Principal Forgiveness" DW Loans - Eleven (11) projects / $33.9 million are under consideration for loans. Of this amount, the DEP will be forgiving $5.9 million in principal repayment for these 10 borrowers.

2. Barnegat Bay Projects ***(26 Projects / $20.3 million)***

Continuing the focus of Governor Christie's Barnegat Bay initiative, this year's 2012 Financing Program received loan applications for 26 Barnegat Bay Stormwater Projects with a total estimated project cost of $20.3 million. Of this amount, the DEP will be forgiving $17.1 million in principal repayments for these 26 projects. Fourteen of these projects involve the retrofit of existing stormwater basins for greater nutrient control. The drainage area for these fourteen basins is approximately 2,236 acres which is the equivalent of 1,800 football fields.
Staff has completed preliminary review and anticipates that all of the $20.3 million of Barnegat Bay projects will receive authorization to solicit for construction contracts by March 01, 2012 creating an estimated additional 400 direct jobs in and around the Bay area.

3. Refunding

In addition to the FY 2012 Financing Program, the Trust took advantage of the historically low interest rate environment in August, 2011 and completed a refinancing for seven (7) current borrowers through the sale of $24.47 million in refunding bonds. This refunding allowed the total annual debt service obligations of these borrowers to be reduced by more than 13.0%, resulting in a savings to the taxpayers and ratepayers of these individual borrowers totaling more than $4.05 million over the remaining life of the refinanced bonds. This initiative, once again, demonstrates the Trust's continued commitment to minimize its local government customers' infrastructure financing costs.

FY 2013

In FY 2013, the Department and the Trust will continue to revise the NJEIFP to maximize the use of available funds. Highlights of the FY2013 Financing Program are as follows:

- Offer a principal forgiveness loan package for high-ranked Clean Water and Drinking Water projects, dependent upon the provisions of the federal FY2012 SRF capital grant allocation to the State,
- Continue to offer Program Loans at 25% of market rate to spur needed environmental projects, construction and economic development during these difficult economic times. At today's current interest rates, this program modification will decrease a project participant's debt service an additional 12%, saving taxpayers and additional $120,000 for each $1 million borrowed, granting participants a total expected interest cost savings of between $350,000 to $400,000 per $1 million borrowed,
- In continuation of the Governor's Barnegat Bay Initiative, establish a $10 million minimum reserve fund (Reserve) for capital improvement projects designed to address stormwater runoff and remove pollutants that adversely impact the Barnegat Bay. Projects that qualify for funding in the reserve will receive 25% market rate loans, subject to the availability of funds,
- Encourage responsible management of wastewater and stormwater treatment systems by granting an additional 50 priority ranking points to Clean Water projects whose sponsor has an existing Asset Management Plan and an additional 100 priority ranking points to Clean Water projects, including Combined Sewer Overflows (CSO), whose components are identified in an existing Asset Management Plan,
- Encourage responsible management of Drinking Water treatment and distribution systems by granting an additional 50 priority ranking points to Drinking Water projects that are identified in an existing Asset Management Plan, and
- Continue to support (i) Brownfield Redevelopment projects and (ii) the implementation of projects with "green" features with ties back to water quality improvement, including improved technologies to reduce energy consumption that produce and utilize renewable energy or that implement water efficiency measures. Consistent with last year's FY 2012 Financing Program, these project activities will be supported through combined program set asides totaling approximately $46 million.

The Program is also planning to re-open the call for projects to allow project sponsors that missed the initial commitment letter date in October, 2011 to participate in the FY2013 Financing Program.

Summary

The Department and the Trust expect to issue a formal announcement of the FY2013 Financing Program changes by the end of January 2012 which will include more details regarding available funding.

In May 2012, an updated Financial Report to the Legislature will be provided to finalize the loan packages being offered in FY2013 and to include the additional projects that are seeking loans through the second chance opportunity and/or through the Reserve as described above.

We look forward to meeting with the Legislature to discuss this year's Financing Program. We, and our staff remain available to answer any questions you may have regarding the NJEIFP's FY2013 Project Priority List. Thank you for your time and continued support.

Bob Martin, Commissioner
New Jersey Department of Environmental Protection

Warren H. Victor, Chairman
New Jersey Environmental Infrastructure Trust

NJEIFP
State Fiscal Year 2013 Financing Program
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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 funding prioritization of 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 State Fiscal Year (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 long-term financing.

B. Goals

The main objectives of the NJEIFP are to:

- Provide an effective and efficient financing program to eligible borrowers for clean water and drinking water projects;
- Improve the Program's borrowing process making it easier, quicker, and cheaper for all eligible customers by improving work processes and leveraging web-based technology to develop on-line funding application and loan servicing systems; and
- Increase Program awareness (for potential borrowers) and usage (for the public, construction industry, etc.) by increasing transparency and timely dissemination of Program and project specific information.

C. Eligible Projects

The NJEIFP finances environmental infrastructure projects with a primary focus on wastewater and drinking water construction, replacement, rehabilitation and repair owned and or operated by local government units and public water utilities. Examples of 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. Examples of 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. Program Loans

The NJEIFP offers six types of environmental infrastructure loans: Long Term loans (project construction), Direct loans (construction projects having deminimis cost), Supplemental loans (cost overruns), Interim loans (short-term), Planning and Design loans (upfront costs), 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 satisfy the Program's credit worthiness standards, i.e., meet repayment obligations or provide additional credit support.

Each Long Term, Direct and Supplemental loan typically consists of a market rate Trust loan component and a zero interest State (New Jersey Department of Environmental Protection (NJDEP)) loan component. These loans are typically 50% of market rate. Additional information regarding various loan products is set forth in II B below and a detailed explanation of the loan programs will be set forth in the SFY 2013 May Report.

The sources of funds for the State loan component are 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, and Project Priority List (DW Plan) both of which are summarized in this January Report. The sources of funds for the Trust loan component are proceeds from the sale of competitively marketed Trust bonds, which are secured solely by the Trust's credit rating.

E. 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 (a fund capitalized by the Department's repayment obligations).
- **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 to cover potential debt service repayment default by subrogating its annual receipts in arrears. 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 borrowers who wish 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** – Since the Program's establishment of the Master Program Trust financing mechanism (1995), the Trust bond program has received and maintained a AAA rating by all three of the nationally recognized independent rating services thus allowing lower borrowing costs.

II. SFY 2013 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 2013.

The proposed Federal Fiscal Year (FFY) 2012 CW Plan was published on July 22, 2011 and a public hearing was held on August 16, 2011. 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 2012. The proposed DW Plan was published on July 20, 2011 and a public hearing was held on August 16, 2011. The NJDEP received public comment and its response was set forth in the final DW Plan published on September 14, 2011. The proposed FFY 2012 CW Plan and final FFY2012 DW Plan 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 FFY 2012 CW Intended Use Plan or FFY2012 DW Intended Use 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 water supply plan/studies, 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 2012 Financing Program and their relative rank are set forth in the Department's Proposed SFY 2013 Clean Water Project Priority List and SFY 2013 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 October 3, 2011. In prior years, the project lists would also include projects for which applications were received in calendar year 2011 that were neither approved for financing nor bypassed in the SFY 2012 Financing Program (carryover projects). Due to the extended project review period in SFY12, the SFY13 project priority list does not include carryover projects. An amended January Report will be submitted to the legislature incorporating SFY12 carryover projects upon completion of the SFY12 financing program project review period.

Moreover, 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 the SFY 2013 Financing Program.

The FFY2012 Clean Water Intended Use Plan identifies infrastructure needs for 704 projects in the amount of $3.81 billion. There are a total of fifty seven (57) Clean Water projects with an estimated cost of $349.6 million included in the SFY 2013 Project Priority List. SFY 2013 Letters of Intent were received for these projects in October of 2011. Due to the decision to extend the SFY12 Financing Program year to include projects certified through January of 2012, an amended Report will be submitted to the legislature in February of 2012 incorporating those SFY12 carryover projects in the SFY13 Project Priority List.

The FFY2012 Drinking Water Intended Use Plan identifies infrastructure needs for 405 projects in the amount of $1,304.9 million. There are a total of sixty seven (67) Drinking Water projects with an estimated cost of $109.8 million included in the SFY 2013 Project Priority List. SFY 2013 Letters of Intent were received for these projects in October of 2011. Again, due to the decision to extend the SFY12 Financing Program year to include projects certified through January of 2012, an amended Report will be submitted to the legislature in February of 2012 incorporating those SFY12 carryover projects in the SFY13 Project Priority List.

The combined Clean Water and Drinking Water projects in the SFY 2013 Financing Program include a pool of 124 projects with an estimated cost of $459.4 million. Again, this estimate understates the total number

and cost of projects in SFY 2013 due to the fact that some of the SFY12 projects will be advanced to the SFY13 program due to receive all approvals and permits within the SFY12 Program deadlines.

B. Eligible / Ineligible Project Activities

1. Clean Water Projects

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

a. 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.

b. 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.

c. 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.

d. 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.

e. 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.

f. 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.

g. 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.

h. 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.

Storm Water. Implementation of USEPA's Phase II Municipal Storm water Program requires municipalities, counties and other public entities to control storm water 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 storm water/NPS management projects that are eligible for EIFP loans include both new or modifications of storm water management systems, facilities, basins, or other storm water/NPS management facilities (including land acquisition to site the eligible facilities). Storm water/NPS management projects also include, but are not limited to the following activities undertaken on public property: green roofs, green streets, tree filters, rain gardens, rain barrels, porous pavement (such as parking lots), 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 storm water 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 Storm water 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.

i. Other Activities. There 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 non-community 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). In addition, projects that address the exceedance of a recommended upper limit for a secondary contaminant are DWSRF eligible.

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.

Project examples:

- 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 System Engineering (BWSE) 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 BWSE 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 in Section E(3) 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. There 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. Project Ranking Methodology

1. Clean Water Ranking Criteria

The project ranking methodology for the 2013 Financing Program is being modified to provide an additional 50 points to projects whose sponsor has an existing Asset Management Plan and an additional 100 points to projects that are identified in an existing Asset Management Plan. To obtain these points, project sponsors will be required to have an authorized representative certify that the facilities that they own and operate have an approvable, up-to-date Asset Management Plan that considers the facility's assets, life cycle costs, and risks of system failures to optimize capital investments.

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

The Department's Vision Statement and Priorities List provide a strategic foundation for structural changes and include objectives to implement projects that will help to protect, maintain and improve water quality in and around the Barnegat Bay while determining the best long-term approach for restoring the ecological health of Barnegat Bay. To support these efforts to improve the water quality of the Bay, the project ranking methodology for the 2013 Financing Program provides an additional 300 priority points to nonpoint source and stormwater runoff control projects that are intended to benefit the Barnegat Bay. The additional 300 points will also be assigned to wastewater reuse projects that are intended to offset the loss of freshwater flows caused by the regionalization of sewage treatment plants and the use of ocean outfalls.

In addition to Asset Management Plans and Barnegat Bay projects, 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.

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 FFY2012 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	350

	activities. Also included in this category of projects are improvements or repairs to sludge incinerators.	
Wastewater Reuse	Wastewater reuse includes the construction of facilities that promote the reclamation of water for beneficial reuse such as the use of treated effluent for agricultural or other purposes. This category includes the construction of conveyance and distribution systems to allow for reuse activities.	300
Septic System Repair/Replacement	Under this category are projects that involve repairs, improvements, and/or replacement of individual or small community, on-site septic systems.	275
New Systems	This category includes projects that involve the expansion of 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	This category includes the construction of facilities to collect, convey and/or treat leachate and runoff from	75

Remedial Action Activities	new publicly-owned landfill cells or from publicly-owned contaminated sites.	
Projects sponsored by Conduit Borrowers/ Private Activity	This category generally includes environmental infrastructure projects where a developer, LLC, partnership or other private party is involved in the project. Also included in this category are landfill closure measures and remedial action activities where the project site is privately owned. If a local government unit that sponsors a project on behalf of a private entity commits to providing a general obligation pledge (including its unlimited taxing power or municipal guarantee) as security for the DEP and Trust loans, the project is considered exempt from the conduit financing classification and corresponding funding limitations.	50

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

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 *N.J.A.C.* 7:12.	125
	Trout	State freshwater bodies designated for trout production or maintenance by the NJ Water Quality Standards (*N.J.A.C.* 7:9B).	75
	Non-trout	State freshwater classifications not designated trout production or maintenance by *N.J.A.C.* 7:9B (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 FFY2012 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 FFY12 IUP.

For ranking purposes, clean water projects eligible for financing in the SFY 2013 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.

2. Drinking Water Ranking Criteria

The principal elements of the Drinking Water Priority System are: A) Compliance and Public Health Criteria, B) Approved Water Supply 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 twenty 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	350 Points

	requiring the correction of any noncompliance of its treatment facilities to address an immediate public health threat.	
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 saltwater intrusion and a solution is needed to preserve the aquifer as a viable aquifer.	175 Points
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.	Green Infrastructure: renewable energy generation such as solar panels, hydroelectric, geothermal or wind turbines or infrastructure built at the water system facilities such as green roots, porous pavement, bioretention or gray water reuse	45 Points
15.	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

16.	Installation of new water meters and/or other water conservation devices, including but not limited to retrofit plumbing fixtures.	35 Points
17.	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
18.	Replacement of water meters.	25 Points
19.	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
20.	Other project elements, not including items 1 through 19 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, up to 50 priority points will be given to each project that implements the actual repair, rehabilitation, correction of a problem, or water system improvement clearly identified in one of the following documents approved by the appropriate municipal or State agency (such as the New Jersey Department of Environmental Protection, the New Jersey Department of Community Affairs or the New Jersey Board of Public Utilities) prepared within the last five years:

- five year master plan,
- five year capital improvement plan,
- asset management plan,
- rate setting study, or
- comprehensive water supply plan for a particular region or watershed.

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).

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 predominantly 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 predominantly 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 Office for Planning Advocacy at the Department of State website at http://www.nj.gov/state/planning/plan.html and then refer to the current State Plan Policy Map to determine if the project area lies within a designated growth area.

Contact the Office for Planning Advocacy, Department of State, P.O. Box 820, 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 in Section E(2) 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 in Section E(2) below.

4. Green Project Reserve. The NJDEP will provide fifteen (15) additional priority points to any project that is a categorically eligible project. A detailed discussion of the benefits is set forth in section E(2) below.

Please note that the points from these four items of Category C can be cumulative. Please note for water systems that service more than one municipality, the municipality that has the highest population 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:

(Municipal MHI / Statewide MHI) x 100 = 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 $68,444 from the 2010 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 and Geoscience, 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]

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

[1] The Program is also considering further amendments to the clean water ranking methodology to provide ranking priority for projects receiving authorizations to advertise. Such changes would be set forth in the Financial Strategy to be published in May of 2012 and a Proposed Amendment to the FFY2012 Clean Water Intended Use Plan.

D. SFY2013 PROJECT PRIORITY LISTS

1. **Clean Water List.** The preliminary Project Priority List for the SFY 2013 Clean Water Financing Program can be found in Appendix A which reflects information provided by the individual project sponsors and the Department's project ranking. Please note 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. As such, the project type descriptions should be relied upon only for general information.

2. **Drinking Water List.** The preliminary Project Priority List for the SFY 2013 Drinking Water Financing Program can be found in Appendix B which reflects information provided by the individual project sponsors and the Department's project ranking. Please note that the details of a project can change as the plans and designs are finalized. As such, the project type descriptions should be relied upon only for general information.

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.

Structure: Long-Term financing (Long Term loans) is available for allowable project costs consisting of an interest-bearing loan from the Trust, and 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 federal Clean Water Act State Revolving Fund and Safe Drinking Water Act State Revolving Fund grants (capitalization grants), 2) various state bond issues, 3) loan repayments and 4) interest earnings. Long-Term Loans are issued subsequent to bond sale. Beginning in the SFY12 Financing Program, Bond-Sale is scheduled in April, 2012. The Bond Sale for the SFY13 Financing Program is scheduled to occur in April of 2013.

The SFY 2012 Financing Program consisted of three classes of Long Term loans: (1) Barnegat Bay stormwater Principal Forgiveness Loans consisting of principal of up to 100% of eligible project cost and low interest financing (50% of market rate) for remaining eligible project costs; (2) Other Principal Forgiveness project loans consisting 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 (3) Traditional project loans were 25% of the market rate;

The Reserve ensures funding is set aside for this critical initiative. Projects eligible for assistance from the Reserve include, but are not limited to (1) the construction of storm water best management practices (BMPs) that reduce existing nitrogen discharges into Barnegat Bay; (2) the purchase of equipment (e.g., street sweepers, vacuum trucks) to reduce the pollution from storm water runoff discharging into the Bay; and (3) the construction of BMPs that reduce existing pollutants (e.g., suspended solids) discharged into Barnegat Bay. Entities eligible to apply for financing from the Reserve include the NJ Department of Transportation, Ocean and Monmouth Counties and municipalities in the Barnegat Bay Watershed.

The following sources funded the State Loan component in the SFY 2012 Financing Program for Clean Water projects: $60 million in Federal Fiscal Year (FFY) 2011 Clean Water capitalization grants, $80 million in repayments of prior loans, $60 million in Clean Water capitalization grants from prior years, and $37 million in state appropriations from prior years (1988 – 1991). The following sources funded the State Loan component in the SFY 2012 Financing Program for Drinking Water projects: $18.0 million in FFY 2011 Drinking Water capitalization grants, $15.0 million in repayments of prior loans, $3.6 million in state appropriations from prior years (1988 – 1991), and $3.0 in interest earnings.

Of the SFY 2012 Barnegat Bay Principal Forgiveness Stormwater Projects, loan applications for 26 projects having a total estimated project cost of $20.3 million seeking $17.1 million in principal forgiveness loans were received in September of 2011. Staff has completed preliminary review and anticipates that all projects will receive authorization to solicit for construction contracts by March 1.

Of the SFY 2012 non-Barnegat Bay Principal Forgiveness Projects, to date, 14 Clean Water projects having a total estimated project cost of $84.5 million of which $14.0 million is principal forgiveness have been authorized to solicit bids for construction; and 8 Drinking Water projects having a total estimated project cost of $19.3 million of which $3.9 million is principal forgiveness have been authorized to commence construction. These Clean Water and Drinking Water projects total more than $103.8 million, of which $17.9 is principal forgiveness and will generate more than 2,000 jobs in the State.

Of the SFY 2012 Traditional Clean Water projects, to date, fifty (50) projects having a total estimated project cost of $160.5 million have been authorized to solicit bids for construction and three (3) Clean Water Supplemental Loan projects totaling $4.0 million have been authorized to disburse funds. Of the FFY 2012 Traditional Drinking Water projects, to date, sixteen (16) projects having a total estimated project cost of $28.4 million have been authorized to solicit bids for construction, twenty one (21) projects having a total estimated project cost of $115.3 million have been authorized to solicit construction bids, and two (2) Drinking Water Supplemental Loan projects totaling $0.5 million have been authorized to disburse funds. These Clean Water and Drinking Water projects total more than $308.7 million will generate more than 6,100 jobs in the State .

In the SFY 2013 Financing Program, the NJEIFP anticipates there will be sufficient funds to issue $213.0 million in Clean Water project loans and $52.8 million in Drinking Water project loans. Not included in these amounts are funds remaining from the SFY 2012 Financing Program which will be identified upon completion of the SFY 2012 Financing Program.

In the SFY 2013 Financing Program, two loan packages will be offered for long term loans. Principal Forgiveness Loans will be structured as follows: 40 percent of the loan will be a market rate NJEIT loan, 40 percent of the loan will be a zero interest State loan, and 20 percent of the loan will be principal forgiveness. Traditional, Smart Growth and Green Project Loans will be structured as follows: 75 percent of the loan will be a zero interest State loan and 25 percent of the loan will be a market rate NJEIT loan. The DEP anticipates issuing thirty percent of the FFY capitalization grant in the form of principal forgiveness.

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 SFY 2012 Financing Program were between 0.3% and 4.18%. Loans totaled $624,372 as of January 1, 2012. In the SFY 2013 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 the project scope has not increased. The interest rate for Supplemental Loans is generally identical to that of the original project loan. As of January 2, 2012, five (5) supplemental loans totaling $4.5 million were issued and two (2) supplemental loan applications for $12.1 million are under review in the SFY 2012 Financing Program.

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 SFY 2012 Financing Program were 0% for local government units and 2% for public water utilities and private entities and twenty five (25) loans were issued in the total approximate amount of $25.5 million as of January 1, 2012. The Trust Board approved a policy authorizing a SFY 2013 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. The Trust Board has approved a policy authorizing P&D loans in SFY 2013 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. As of January 1, 2012, no Planning and design loans were issued in the SFY 2012 Financing Program.

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. As of January 1, 2012, no Emergency loans were issued in the SFY 2012 Financing Program.

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 and Geoscience, 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).[2]

[2] 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.

(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 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. Project sponsors are required to develop an asset management plan. The Emergency Loan Program offers Trust loans up to $600,000 per project provided total Program Loans do not exceed $2 million at any given time. 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. The Trust Board has approved a policy authorizing a 2011 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. Onsite Wastewater Treatment and Disposal 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 developing a pilot program to implement this program to repair failed septic systems for a limited period of time, in a location to be determined.

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 2011 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 Landfills	Bellmawr	Camden
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 – (Clean Water Projects Only) 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 SFY 2013.

3. Program Reserves

A. Green Project Reserve. The SFY 2013 Financing Program will include a Green Project Reserve (GPR) equal to a minimum of 20 percent of the State's FFY2012 allocation if the FFY2012 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 FFY2012/SFY2013 Program.

B. Brownfield Set-Aside. (Clean Water Projects Only). The FFY2012 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.[3] The FFY2012 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 SFY 2013 Financing Program. It is estimated that total loans for Brownfield Set-Aside projects are anticipated to be between $45 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 SFY 2013 Program, those funds may be used to finance projects listed on the Priority List that may otherwise not receive financing in the SFY 2013Program.

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 SFY 2013 program. 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. Barnegat Bay Reserve. To support the Governor's initiatives, the Department is proposing to establish a reserve for capital improvement projects designed to remove pollutants that adversely impact the Barnegat Bay. For the 2013 Program, the Department has allocated $10 million to provide loans for up to 100% of the allowable project costs, subject to certain limitations in the approved appropriations bill or other factors. Entities eligible to apply for financing from the reserve are Ocean and Monmouth Counties and the municipalities in the Barnegat Bay Watershed.

[3] 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.

D. 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:

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.

F. 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 March 5, 2012. 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. SFY 2013 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 SFY 2013 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.

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. SFY 2013 Refunding. The current low interest rate environment may provide the Trust with the opportunity to refinance a number of series of Prior Bonds to achieve debt service savings. This refunding could include a portion or all of various Series A issues. 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 one or more series of refunding bonds having a cumulative total principal amount of approximately $125,000,000, the net present value savings of which will be identified at the time of bond sale which will exceed 3.00% of the par amount of the Prior Bonds pursuant to the Trust's enabling legislation (58:11B-6(g)).

SFY 2012 Refunding. The current low interest rate environment provided the Trust with the opportunity to refinance a number of series of Prior Bonds to achieve debt service savings. This refunding included numerous projects from each of the following: 1998 Wastewater Treatment Refunding Series B; 2001 Environmental Infrastructure Series B; and 2002 Environmental Infrastructure Series B. 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.

On August 27, 2011, the Trust sold refunding bonds in the aggregate principal amount of $24.465 million in three series to capture $3.279 million of net present value debt service savings which is 10.8% when expressed as a percentage of the refunded 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 SFY 2013 financial structure to reflect any changes in the tax law, or its interpretation, to increase the program's flexibility.

Appendix A

SFY 2013 State Clean Water Projects Priority List

NEW JERSEY ENVIRONMENTAL INFRASTRUCTURE FINANCING PROGRAM

State Fiscal Year 2013 Financing Program

Clean Water Project Priority List

Rank	Applicant	Project No.	Project Description	Project Type	January Report Cost
6	Newark City	S340815-21	Brick Sewer Rehabilitation	Rehab	$9,653,751
14	North Bergen MUA	S340652-12	Force Main	FM	$3,340,073
23	Jersey City MUA	S340928-10	6th & 10th Sts. Sewer Improvements	Rehab	$3,997,392
23	Jersey City MUA	S340928-11	Brown Place Sewer Improvement	Rehab	$5,962,475
37	Ocean County UA	S340372-49	NWPCF & SWPCF Brick Repairs	STP	$1,054,062
48	Camden County MUA	S340640-13	Delaware #1 Pump Upgrades	PS	$5,308,104
57	West Milford Township MUA	S340701-11	STP Improvements	STP	$9,189,254
64	Warren County MUA (Pequest)	S340454-04	STP Improvements	STP	$14,895,066
67	East Windsor MUA	S340536-08	Photovoltaic	STP	$12,293,391
72	Phillipsburg Town	S340874-05	Outfall Relocation	OR	$1,958,673
74	Morris Township	S340724-05	Woodland STP	STP	$5,707,512
75	Hanover SA	S340388-05	Primary Digester #2	STP	$8,641,137
82	Cinnaminson SA	S340170-06	Headworks Replacement	STP	$1,949,686
85	Evesham MUA	S340838-04	Elmwood STP	STP	$2,714,963
85	Evesham MUA	S340838-05	Woodstream STP	STP	$2,714,963
98	Passaic Valley SC	S340689-20	Boiler Upgrades	STP	$2,377,497
99	Bergen County UA	S340386-11	STP-Little Ferry	STP	$15,439,092
99	Bergen County UA	S340386-12	Edgewater Outfall Extension	OR	$13,000,360
104	Gloucester County UA	S340902-09	STP Improvements	STP	$4,758,259
125	Maple Shade Township	S340710-08	STP Improvements	STP	$2,718,518
136	Passaic Valley SC	S340689-21	Kearny-Harrison-Newark Branch	Rehab	$1,497,713
160	Ocean Township	S340112-03	Hornblower Dr. ACP Sewer	Rehab	$750,544

Rank	Applicant	Project No.	Project Description	Project Type	January Report Cost
164	Atlantic Highlands	S340857-03	Force Main	FM	$3,379,612
175	Middlesex County UA	S340699-10	Main Trunk Sewer Rehabilitation	Rehab	$8,505,612
178	Ocean County UA	S340372-51	N1-1B Interceptor	Int	$5,647,322
178	Ocean County UA	S340372-52	C1-21 Force Main	FM	$402,413
186	Gloucester County UA	S340902-10	Warren St. Pump Station	PS	$289,789
196	Toms River Township MUA	S340145-03	Collection System Improvements	Rehab	$2,273,143
196	Toms River Township MUA	S340145-04	Pump Station Upgrades	PS	$2,994,366
212	Perth Amboy City	S340435-09	Collection System Improvements	Rehab	$3,565,800
215	Jackson Township MUA	S340953-03	Sewer Rehabilitation	Rehab	$957,682
227	Ocean Township SA	S340750-10	Deal Lake Siphon	Rehab	$1,396,910
227	Ocean Township SA	S340750-11	Collection System Improvements	Rehab	$4,954,834
246	Carteret Borough	S340939-06	Pump Station Rehabilitation	Rehab	$6,093,106
249	West Deptford Township	S340947-04	Pump Station Upgrades	PS	$2,315,616
269	Stafford Township	S340946-05	Beach Haven West Sewer	Rehab	$936,969
293	Carneys Point Township	S340502-07	Pump Station Rehabilitation	Rehab	$604,874
323	Long Beach Township	340023-05	Sewer Replacement	Rehab	$3,093,817
326	National Park Borough	S340419-01	Pump Stations 1&2	PS	$1,569,312
338	Ocean Gate Borough	S340151-01	Sewer Rehabilitation	Rehab	$462,006
347	Point Pleasant Borough	S340428-01	Meadow Point Rd. & Bradley Rd. Pump Stas.	PS	$2,250,375
350	Ocean County UA	S340372-48	Biosolids Management	SL	$19,106,683
356	Ocean County UA	S340372-50	SWPCF Roof Replacement	STP	$1,054,062
375	West Milford Township	S340701-10	Septic System Repairs	Septic	$289,789
454	Watchung Borough	S340823-02	Sewer Extension	CS	$1,150,235
460	Clifton City	S340844-03	Bonsil Preserve Sewer	CS	$4,391,306

Rank	Applicant	Project No.	Project Description	Project Type	January Report Cost
484	Aberdeen Township	S340869-02	Collection System Improvements	Rehab	$7,488,924
495	Harrison Township	S340362-06	Richwood Water Reclamation	CS	$21,330,927
540	NJ Water Supply Authority	S340421-01	D&R Canal Dredging	NPS	$55,818,750
545	Berkeley Township	S340969-10	Rehab Culverts, New Street Sweepers	NPS	$908,800
568	Stafford Township	S340946-04	Vehicle Wash Facility	VW	$4,972,188
644	NJ Water Supply Authority	S343054-09	Land Acquisitions - Multiple Locations	Land	$3,058,513
703	National Park Borough	S342019-01	Landfill Closure	LF Closure	$12,583,490
719	Asbury Park	S340883-05	Sanitary System Improvements	Rehab	$14,618,546
730	Carteret Borough	S340939-07	Marina Dredging	NPS	$14,846,913
		Subtotal			**$343,235,169**
	Barnegat Bay Projects				
107	Stafford Township	S344100-02	Stormwater/NPS	NPS	$3,994,081
120	Ocean County	S344080-02	Stormwater/NPS	NPS	$2,377,111
		Subtotal			**$6,371,192**
	Total CW Projects= 57	**CW TOTAL**			**$ 349,606,361**

Key

FM = Force Main
STP = Sewage Treatment Plant Impr.
CS = New Collection System
CSO = Comb Sewer Overflow Abatement
I/I = Infiltration/Inflow Correction
Rehab = Sewer System Rehab
Storm = Stormwater Management
Land = Land acquisition
NPS = Nonpoint Source Pollution Cont
LF Constr = New Landfill Construction
LF Closure = Landfill Closure Activities
WS = Well Sealing
Equip = Equipment Purchase
Int = Interceptors
PS = Pump Stations
OR = Outfall Repairs
Rem = Site remediation
Septic= Septic System Repair/Replacement
RWBR = Reclaimed Wtr for Beneficial Reuse
SL = Sludge Management
SP = Solar Panels
DR = Dam Removal
VW = Vehicle Wash

Appendix B

SFY 2013 State Drinking Water Projects Priority List

NEW JERSEY ENVIRONMENTAL INFRASTRUCTURE FINANCING PROGRAM

State Fiscal Year 2013 Financing Program

Drinking Water Project Priority List

Rank	Applicant	Project No.	Project Description	Project Type	January Report Cost
7	North Shore Water Association	1904004-001	Ion Exchange Treatment for Nitrate	Treat	$312,000
8	Vineland City	0614003-010	Radium Removal For Well #14	Treat	$3,897,940
22	Newark City	0714001-015	Cleaning & Lining of Water Mains	CI	$10,082,800
25	Atlantic City MUA	0102001-005	Installation of Solar System	SP	$5,410,000
34	Jersey City/Jersey City MUA	0906001-008	Improvements to Raw Water Gravity Feed to Save Energy	WM	$7,258,000
43	Jersey City/Jersey City MUA	0906001-007	Cleaning & Lining and Replacement of Water Mains	CI	$14,590,000
54	Long Beach Township (Brant Beach)	1517001-013	Brant Beach Water Main Replacement	WM	$3,385,839
57	Manchester Utilities Authority	1603001-011	Replace mains, valves & hydrants. Install pressure reducing and insertion valves. Rehabilitate pipe at stream crossing	WM	$1,154,200
60	Southeast Monmouth MUA	1352005-005	Improvements to chemical storage system, recycle lagoon sytem and a new 2 MG ground level tank at Manasquan WTP	Treat	$8,400,165
68	Long Beach Township (Brant Beach)	1517001-012	Rehabilitation of four storage tanks-Beach Haven Terrace, Brant Beach, Holgate & Pehala Park	ST	$1,450,000
70	Aqua NJ - Southern	0415002-008	Replacement of 5,700 LF of water main on Lakeside, East Blenheim, Haines, Lake & Church	WM	$1,239,750
73	Manchester Utilities Authority	1603001-006	Rehabilitate Central Avenue Storage Tank	ST	$1,099,216
74	Manchester Utilities Authority	1603001-012	Rehabilitate High Service reservoir including security improvements	ST, SEC	$204,450
89	New Jersey City University	0906001-005	West Campus Redevelopment - Water	WM	$1,271,897
98	Ocean Township	1520001-004	Replacement of 4,300 LF of AC mains in Hornblower Rd area	WM	$714,488
127	Fountainhead Properties, Inc.	1511013-001	Improvement to WTP including chemical feel, building, hydropneumatic tank, controls & auxiliary power	Treat	$246,000
134	Stafford Township	1530004-016	Installation of 5,000 LF of main under the GSP as secondary crossing	WM	$4,090,000
135	Stafford Township	1530004-017	Replacement of 1,600 LF of water main on Charles Blvd	WM	$526,446
156	Ventnor City	0122001-001	Clean and line 8 and 14" water mains	CI	$2,202,400
168	Evesham MUA	0313001-001	Upgrades to WTP for wells # 13 and 14	Treat	$1,450,000
174	West Milford MUA-Olde Milford System	1615016-001	Wells #1,6 & 7 WTP upgrades	Treat	$519,100
175	West Milford MUA-Bald Eagle System	1615018-001	Concorde & Quincy WTP upgrades	Treat	$469,800
176	West Milford MUA-Awosting System	1615012-001	Well #1 WTP upgrades	Treat	$171,100
177	West Milford MUA-Greenbrook Estates System	1615002-001	Well #28 WTP Upgrades	Treat	$255,200

Rank	Applicant	Project No.	Project Description	Project Type	January Report Cost
180	West Milford MUA-Birch Hill System	1615001-001	Moore Rd WTP upgrades	Treat	$210,250
181	West Milford MUA-Parkway System	1615006-001	Well #6 WTP Upgrades	Treat	$371,200
202	Fountainhead Properties, Inc.	1511013-002	Loop system with 400 LF of water main	WM	$12,000
209	Manchester Utilities Authority	1603001-013	Demolition of inoperational structures and building, security & SCADA improvements at old filter plant.	Demo, SEC	$2,142,287
224	Middlesex Water Company	1225001-014	Cleaning & cement lining of mains (Phase	CI	$4,703,800
263	Clayton Borough	0801001-002	Rehabilitation of East Chestnut St and North Delsea Dr storage tanks	ST	$1,092,097
265	West Milford MUA-Olde Milford System	1615016-004	Replace Fire Hydrants	FH	$66,700
268	West Milford MUA-Bald Eagle System	1615018-004	Replace Fire Hydrants	FH	$50,750
270	West Milford MUA-Crescent Park System	1615014-002	Replace Fire Hydrants	FH	$24,650
271	West Milford MUA-Awosting System	1615012-004	Replace Fire Hydrants	FH	$24,650
272	West Milford MUA-Greenbrook Estates System	1615002-003	Replace Fire Hydrants	FH	$24,650
279	West Milford MUA-Birch Hill System	1615001-004	Replace Fire Hydrants	FH	$8,700
280	West Milford MUA-Parkway System	1615006-004	Replace Fire Hydrants	FH	$8,700
281	North Shore Water Association	1904004-002	Replacement of 2,400 LF of water mains	WM	$360,000
284	Perth Amboy City	1216001-005	Replacement of lime slurry tanks and turbidity meters	Treat	$117,436
295	Clayton Borough	0801001-001	Construction of a new .75 MG storage tank	ST	$3,499,498
302	Old Bridge MUA	1209002-007	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	WM	$5,806,000
309	Millville City	0610001-002	Treatment, pumping and building for new well #18	Treat	$3,574,144
334	Independence MUA	2112001-001	Improvements to Autumn Lane pump	PS	$290,000
350	North Shore Water Association	1904004-003	Installation of storage tank	ST	$360,000
358	East Windsor MUA	1101002-004	Installation of solar panels at 2 facilities	SP	$2,139,700
362	West Milford MUA-Olde Milford System	1615016-002	Replace Generator	Aux	$56,550
363	Hampton Borough	1013001-001	Construction of back up well	Well	$362,500
364	Forest Lakes Water Company	1904003-001	Installation of two generators	Aux	$159,500
365	West Milford MUA-Bald Eagle System	1615018-002	Replace Generator	Aux	$43,500
366	West Milford MUA-Crescent Park System	1615014-001	Replace Generator	Aux	$56,550
367	West Milford MUA-Awosting System	1615012-002	Replace Generator	Aux	$56,550
368	West Milford MUA-Greenbrook Estates System	1615002-002	Replace Generator	Aux	$68,600

Rank	Applicant	Project No.	Project Description	Project Type	January Report Cost
370	West Milford MUA-Birch Hill System	1615001-002	Replace Generator	Aux	$18,125
371	West Milford MUA-Parkway System	1615006-002	Replace Generator	Aux	$18,125
396	Jackson Township MUA	1511001-009	Constructing a bldg and installing emergency generator for well #8	Bldg, Aux	$870,000
405	Fountainhead Properties, Inc.	1511013-004	Improvements/Replacement of well #1	Well	$192,000
406	Fountainhead Properties, Inc.	1511013-003	Rehabilitation of well #2	Well	$30,000
418	Pine Beach Borough	1522001-001	Replacement of meters townwide to electronic read meters	Meter	$435,000
427	Marlboro Township	1328002-001	Construction of new Tenant Rd WTP to treat well #5	WTP	$8,050,000
429	Lacey Township	1512001-002	Upgrade of WTP to make wells # 7 and 8 operational	Treat	$2,951,664
438	Pine Beach Borough	1522001-002	Replacement of well #1	Well	$435,000
439	West Milford MUA-Olde Milford System	1615016-003	Rehabilitation of Well	Well	$191,400
441	West Milford MUA-Bald Eagle System	1615018-003	Rehabilitation of Well	Well	$95,700
443	West Milford MUA-Awosting System	1615012-003	Rehabilitation of Well	Well	$130,500
445	West Milford MUA-Birch Hill System	1615001-003	Rehabilitation of Well	Well	$87,000
446	West Milford MUA-Parkway System	1615006-003	Rehabilitation of Well	Well	$95,700
447	North Shore Water Association	1904004-004	Rehabilitation of well #1 & installation of back up well #2	Well	$120,000
		Total			**$109,811,967**
	Total DW Projects= 67	**DW TOTAL**			

Key

WM = Water Mains
ST = Storage Tanks
PS = Pump Stations
Well = Well Construction / Replacement
INT = Interconnection
Meter = Water Meters
SEC = Security Features
Treat = Treatment

Aux = Installation of Emergency Generator

ASR = Aquifer Storage and Recovery Well
Bldg = Building Renovation
Cl = Cleaning and Lining of Main
P = Pumps
Rehab = Rehabilitation
LSL = Lead Service Lines
WTP = Water Treatment Plant
DMI = Drought Management Initiative
BR = Brownfields
SP = Solar Panels

Appendix C

SFY 2013 Clean Water Project Descriptions

Project Name, Number

NEWARK CITY
340815-21
BRICK SEWER REHABILITATION

Priority List Rank

6

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 45 sewer segments of approximately 6,154 linear feet of brick combined sewers and rehabilitation of 59 manholes.

Project Name, Number

NORTH BERGEN MUA
340652-12
FORCE MAIN

Priority List Rank

14

County

HUDSON

Existing Population

58,092

Service Area

North Bergen Township

Need for Project

North bergen is decommissioning its Central Treatment Plant and diverting flows to PVSC.

Project Description

The project includes installation of an underground force main and the retrofitting of the Central Treatment Plant. The force main will transport wastewater from North Bergen's Central Treatment Plant to the Northwest Interceptor in Jersey City and ultimately to the PVSC Treatment Plant.

Project Name, Number

JERSEY CITY MUA
340928-10
6TH & 10TH ST. SEWER IMPROVEMENTS

Priority List Rank

23

County

HUDSON

Existing Population

240,055

Service Area

Jersey City

Need for Project

The pipe sections that will be replaced by this project are imminent danger of complete collapse or blockage. The immediate cost of the no action alternative is zero. Pursuing this alternative will allow continued deterioration and eventual failure of the xisting infrastructure resulting in the backup and overflow of raw sanitary sewage and stormwater that would create a health hazard for residents, workers and transients in the area served by the sewer and in the waters receiving the discharge from the collapsed sewer. The discharge would further degrade the waters receiving the discharge which already have impaired water quality according to the NJDEP which threatens their designated uses: secondary contact recreation, propagation and maintenance of fish and wildlife populations, the migration of anadromous fish, industrial water supply and other reasonable uses. No action would also be contrary to the Consent Decree that the JCMUA has entered into with the USEPA.

Project Description

The JCMUA's Combined Sewer and Condition Assessment Study determined that the sewers identified for this project are in imminent danger of collapse. This project will replace sections of brick sewer that were listed has having severe operation and maintenance and/or structural defects on Sixth, Eighth, Ninth and Tenth Streets. These sections of sewer have Pipeline Assessment Certificate Program (PACP) ratings of 4 or 5. Pipes with PACP ratings of 4 or 5 are those in imminent danger of complete collapse and/or blockage. They have longitudinal cracks and/or vertical deformation (collapse). The total length being replaced is 2,500 to 3,000 linear feet. The new pipes will have the same nominal diameter and capacity as the existing pipes. The replacement pipes will be installed in the same alignments as the existing pipes using either pipe bursting or open cut.

Project Name, Number

JERSEY CITY MUA
340928-11
BROWN PLACE SEWER IMPROVEMENT

Priority List Rank

23

County

HUDSON

Existing Population

240,055

Service Area

Jersey City

Need for Project

There have been a number of sewer collapses in the project area over the last 15 years and are increasing in frequency. This project will replace the 100 year old deterorating sewer with new pipes

Project Description

The project includes replacement of sewer lines beginning at the intersection of Brown Place and Princeton Avenue, extending westward on Brown Place to Garfield Avenue, also north along Princeton Avenue to Linden Avenue, then west on Linden Avenue crossing Garfield and ending near Old Bergen Road.

Project Name, Number

OCEAN COUNTY UA
340372-49
NWPCF & SWPCF BRICK REPAIRS

Priority List Rank

37

County

OCEAN

Existing Population

599,994

Service Area

The OCUA complete service area includes all of Ocean County and a portion of southern Monmouth County. Southern Monmouth County communities served include Howell Township, Freehold Township, Freehold Borough, Farmingdale Borough, and a portion of Wall Township.

Need for Project

There are no changes proposed to existing treatment processes. All permit discharge requirements are in compliance. The proposed improvements will improve system reliability and maintain the ability to achieve continued discharge permit compliance.

Project Description

This work involves structural rehabilitation of deficient and/or deteriorated building walls located at the NWPCF and SWPCF. Approximately 3,600 square feet of existing brick veneer or masonry block (CMU) wall will be removed and replaced, and approximately 4,200 square feet of existing brick veneer will be re-anchored to the CMU wall. The original treatment plant buildings were erected over 35 years ago. Due to a combination of original design and construction deficiencies, structural failure, degradation, and brick veneer collapsing has occurred. Replacement and rehabilitation is required to avoid further structural failure and extend the useful life of the treatment plant building structural systems.

Project Name, Number

CAMDEN COUNTY MUA
340640-13
DELAWARE #1 PUMP UPGRADES

Priority List Rank

48

County

CAMDEN

Existing Population

508,932

Service Area

Camden County

Need for Project

The main purpose of the project is to reduce the energy costs, and corresponding carbon footprint, of the treatment plant. However, the replacement of old, outdated, equipment with newer generation equipment will increase the reliability of the treatment plant, with a correspondingly positive impact on water quality of the Delaware River.

Project Description

The proposed improvements includes installation of four new variable frequency drives, and one electric motor for the CCMUA wastewater treatment plant's four raw sewage pumps. In addition, two emergency generators will be installed to ensure that primary treatment and disinfection will be sustained, even in the event of a power failure.

Project Name, Number

WEST MILFORD TOWNSHIP MUA
340701-11
STP IMPROVEMENTS

Priority List Rank

57

County

PASSAIC

Existing Population

26,410

Service Area

West Milford Township

Need for Project

The project is intended to correct deficiencies noted in Administrative Consent Orders being issued by the NJDEP. The treatment plants to be improved discharge either to small streams that are upstream from primary recreation areas and drinking water intakes or to groundwater. The discharge violations currently being experienced impair these water bodies.

Project Description

The proposed project includes replace the Olde Milford STP with new facilities to provide advanced treatment in accordance with its NJPDES permit. Renovate the two disposal fields at the Bald Eagle STP. Rehabilitate rapid media filters at two STP's. Installation of influent grinder at the Highview STP and an odor control system at the Crescent Park STP. Rehabilitate generators at various STP's and pumping stations throughout the town.

Project Name, Number

WARREN COUNTY (PEQUEST RIVER) MUA
340454-04
STP IMPROVEMENTS

Priority List Rank

64

County

WARREN

Existing Population

5,000

Service Area

Town of Oxford and portions of White, Washington, and Mansfield Townships

Need for Project

Pequest River TMDL requires the Oxford Area WWTF to be upgraded to meet more stringent Phosphorus Final Effluent Limits, and draft renewal NJPDES Permit contains more stringent Final Effluent Limits for Ammonia and Chlorine Produced Oxidants.

Project Description

The Oxford Area WWTF will be rehabilitated and upgraded to advanced treatment , including replacing pumps in the influent pumping station, conversion of existing units to an oil/grease skimming tank, construction of new process tanks, aeration tanks, anoxic reactors, secondary clarifiers, process pumping station, effluent filter system, chemical feed systems for disinfection/dechlorination and caustic soda/alum feed, gravity thickeners and other equipment replacement or rehabilitation.

Project Name, Number

EAST WINDSOR MUA
340536-08
PHOTOVOLTAIC

Priority List Rank

67

County

MERCER

Existing Population

23,401

Service Area

East Windsor

Need for Project

The project proposed no changes to the existing treatment process, but seeks to install solar photovoltaic facilities to meet the electric demands of the facilities.

Project Description

The project is for the construction of a 2.5 megawatt photovoltaic generation system at the East Windsor Municipal Utilities Authority Pollution Control Facility located on Millstone Rd. in East Windsor N.J. The project includes solar arrays, current inverters, wiring, metering, controls and miscellaneous appurtenances. This will allow the plant to operate on 100% of photovoltaic generation power.

Project Name, Number

PHILLIPSBURG TOWN
340874-05
OUTFALL RELOCATION

Priority List Rank

72

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

MORRIS TOWNSHIP
340724-05
WOODLAND STP

Priority List Rank

74

County

MORRIS

Existing Population

21,796

Service Area

Morris Township

Need for Project

Upon renewal of the NJPDES Permit (Permit No. NJ0024929) for the sewage treatment plant, a new nitrate effluent limit was imposed beginning on January 1, 2015. The current plant performance is not consistently meeting this requirement. The plant does not have any equipment for grit removal and a substantial amount of grit accumulates in the anaerobic, anoxic and oxic tanks. Annually, the plant must manually remove large quantities of grit from their tanks and during this process the Internal Recycle Pumps that are necessary for the denitrification process must be shut down for a three week period. The sewage grinder is nearing the end of its useful life and does not remove rags from the process stream. The plant was designed for a peak flow of 6.60 MGD. The facility is rated for an average flow of 2.00 MGD. The average flow for the past 12 months was 0.92 MGD.

Project Description

This project is for upgrades to the existing Woodland Sewage Treatment Plant which is owned and operated by the Township of Morris, located in Morris County, New Jersey. The project includes the construction of new Grit Facilities, the installation of a mechanical screen, odor control equipment, mixers in Oxic Tanks 1 and 2 and piping modifications.

Project Name, Number

HANOVER SA
340388-05
PRIMARY DIGESTER #2

Priority List Rank

75

County

MORRIS

Existing Population

12,898

Service Area

Township of Hanover and portions of Morris, Parsipanny-Troy Hills, Morris Plains and East Hanover

Need for Project

Currently, some of the plant's existing equipment is reaching the end of its useful life: (1) The raw wastewater influent comminutors are obsolete, spare parts are no longer available and in need of replacement; (2) The Primary Digester No. 2 cover is over 30 years old and in need of replacement to effectively store digester gas; (3) The Primary Digester No. 2 sludge mixing system is reaching the end of its useful life, resulting in declining digester performance; replacement is needed; and, (4) The Sulfur Dioxide chemical feed dechlorination system uses hazardous gas requiring costly safety measures. The plant was designed for a flow of 4.61 MGD. The average flow for the period of 9/1/2010 through 12/31/2010 was 1.9 MGD. The average effluent BOD concentration for the same period was 1 mg/l,a 98.7% removal rate. The average effluent TSS concentration for the same period was 0.8 mg/l, a 99% removal rate.

Project Description

This project includes rehabilitation of Primary Digester No. 2, installation of mechanical bar screens in the Raw Sewage Pumping Station, construction of a new Sodium Bisulfite feed system and building, and installation of digester gas fired cogeneration units. Modifications will also include miscellaneous site work such as paving improvements, piping, structural work and electrical work.

Project Name, Number

CINNAMINSON SA
340170-06
HEADWORKS REPLACEMENT

Priority List Rank

82

County

BURLINGTON

Existing Population

14,595

Service Area

Cinnaminson Township

Need for Project

The headworks at the Cinnnaminson SA treatment plant is approximately 50 years old and is deteriorating. The project will maintain effluent quality for flows into the Delaware River. The River accommodates drinking water intake, industrial intake and fishing uses.

Project Description

The proposed project includes replacing the existing grit and screening building with a new exterior grit and screening pre-treatment units. Odor control will also be provided.

Project Name, Number

EVESHAM MUA
340838-04
ELMWOOD STP

Priority List Rank

85

County

BURLINGTON

Existing Population

42,275

Service Area

Evesham Township

Need for Project

Maintaining fully operational wastewater treatment plan equipment is essential for proper treatment of sanitary sewer wastewater. Failure of plant systems could result in partially trated sewage to be discharged to the South Branch of the Pennsauken Creek or the Southwest Branch of the Rancocas Creek.

Project Description

Improvements to the Elmwood Plant include upgrading their Orbal Aeration System by adding a Siemens Smart BNR control system to monitor and adjust oxidation/reduction potential and DO levels; Replacing their sludge holding tank mixing system with a jet mixing system; Replacing motors for the sludge recirculation pump, dewatering building sludge pumps, chemical feed building water pumps; Replacing outdoor process equipment: sludge thickening blowers, sand filter blowers, Orbal pump motors, screw pump motors. The project will also replace the current process control systems with state of the art SCADA systems. New instrumentation will be provided in the process tanks along with full PC based SCADA servers and workstations. The systems will be capable of sending alarms to operations personnel remotely to their mobile communication devices and will allow them to monitor the plants from remote locations.

Project Name, Number

EVESHAM MUA
340838-05
WOODSTREAM STP

Priority List Rank

85

County

BURLINGTON

Existing Population

42,275

Service Area

Evesham Township

Need for Project

Maintaining fully operational wastewater treatment plan equipment is essential for proper treatment of sanitary sewer wastewater. Failure of plant systems could result in partially trated sewage to be discharged to the South Branch of the Pennsauken Creek or the Southwest Branch of the Rancocas Creek.

Project Description

Improvements to the Woodstream Plant include replacing the equalization tank mixing system; Upgrading the contact stabilization system by installing new centrifugal blowers with VFDs; upgrading ultraviolet disinfection system by integrating a flow pacing system; Replacing Biofor Building air scour blower motors and process blower motors; Replacing blower building air scour blower motors, process blower motors, standby blower motor; other motors The project will also replace the current process control systems with state of the art SCADA systems. New instrumentation will be provided in the process tanks along with full PC based SCADA servers and workstations. The systems will be capable of sending alarms to operations personnel remotely to their mobile communication devices and will allow them to monitor the plants from remote locations.

Project Name, Number

PASSAIC VALLEY SC
340689-20
BOILER UPGRADES

Priority List Rank

98

County

ESSEX

Existing Population

1,350,000

Service Area

Parts of Bergen, Essex, Hudson and Passaic Counties

Need for Project

Plantwide Boiler Upgrades

Project Description

PVSC is performing plantwide upgrades to its Boilers

Project Name, Number

BERGEN COUNTY UA
340386-11
STP-LITTLE FERRY

Priority List Rank

99

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 reliability and 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. The project also includes construction of two biogas storage tanks, including gas bag, steel tank, foundation piles, valve vault, site work, instrumentation, and electrical work.

Project Name, Number

BERGEN COUNTY UA
340386-12
EDGEWATER OUTFALL EXTENSION

Priority List Rank

99

County

BERGEN

Existing Population

491,140

Service Area

The BCUA's Service Area consists of forty-seven municipalities and a portion of five non-member municipalities. The thirtyeight municipalities entirely served by the BCUA WWTP include Bergenfield, Bogota, Carlstadt, Closter, Demarest, Dumont, Emerson, Edgewater, Englewood, Englewood Cliffs, Fairview, Harrington Park, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Old Tappan, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, Teaneck, Tenafly, Teterboro, Westwood, Woodcliff Lake and Wood-Ridge. The eight municipalities partially served by the BCUA WWTP include Cliffside Park, East Rutherford, Fort Lee, Hackensack, Hasbrouck Heights, Rutherford, South Hackensack and Washington Township. The five non-member municipalities partially served by the BCUA WWTP include Alpine, Lodi, Lyndhurst, North Bergen, and Ridgewood. Portions of Cliffside Park, Fort Lee, and Hackensack

Need for Project

Currently, treated wastewater from the Edgewater WPCF is discharged from the existing 42-inch diameter outfall at the shoreline of the Hudson River. During periods of low water, the river bottom is exposed and the effluent flows over the tidal mud flats before reaching the receded river level. At high tide, the outfall is submerged. This condition limits the amount of dilution of the effluent with the receiving waters. In order to provide adequate dilution of the effluent and achieve permit limits for ammonia, copper and zinc, an extension of the outfall to the deeper waters of the Hudson River is required before the NJPDES permit expires on August 31, 2014.

Project Description

The proposed project includes extension of the outfall at the Edgewater Municipal Utility Authority to the deeper waters of the Hudson River.

Project Name, Number

GLOUCESTER COUNTY UA
340902-09
STP IMPROVEMENTS

Priority List Rank

104

County

GLOUCESTER

Existing Population

200,000

Service Area

Northern portion of Gloucester County - Clayton Borough, Deptford Twp., Glassboro Borough, Mantua Twp., National Park Borough, Paulsboro Borough, Pitman Borough, Washington Twp., Wenonah Borough, W. Deptford Twp., Woodbury City, Woodbury Hgts. Borough, Parts of E. Greenwich Twp., Elk Twp., and Monroe Twp.

Need for Project

The GCUA WWTP is currently permitted to treat 24.10 mgd. The average flow is 19.4 mgd and the maximum value is 25, mgd. The proposed improvements to the WWTP are necessary in order to maintain the existing treatment system.

Project Description

Improvements to the GCUA WWTP include the replacement of the aeration basin diffusers and piping, the structural repairs to the aerated grit tank, the renovations to the headworks bar screen, replacement of the sodium hypochlorite tanks, the upgrades to the belt filter presses and pumps, the televising and cleaning of the outfall pipes, the upgrades to the security camera system and the replacement of the aeration blowers and piping.

Project Name, Number

STAFFORD TOWNSHIP
344100-02
STORMWATER/NPS

Priority List Rank

107

County

OCEAN

Existing Population

22,532

Service Area

Stafford Township

Need for Project

Stormwater runoff is the most common way that nonpoint source pollution reaches local rivers, creeks and other water ways, including Barnegat Bay. If the runoff is not absorbed by soil and vegetation or by other measures, rainwater carries chemicals, nutrients, sediments and other forms of nonpoint source pollution into surface waters.

Project Description

The proposed project includes the construction and/or retrofit of one or more stormwater basins to improve its ability to remove nitrogen. Also included in the project is the purchase of leaf collection equipment, grit separators, vehicle wash facility as well as other improvements to the stormwater sewer system

Project Name, Number

OCEAN COUNTY
344080-02
STORMWATER/NPS

Priority List Rank

120

County

OCEAN

Existing Population

59,994

Service Area

Ocean County

Need for Project

Stormwater runoff is the most common way that nonpoint source pollution reaches local rivers, creeks and other water ways, including Barnegat Bay. If the runoff is not absorbed by soil and vegetation or by other measures, rainwater carries chemicals, nutrients, sediments and other forms of nonpoint source pollution into surface waters.

Project Description

The proposed project includes the retrofitting of four stormwater basins to subsurface gravel wetlands to improve their ability to remove nitrogen.

Project Name, Number

MAPLE SHADE TOWNSHIP
340710-08
STP IMPROVEMENTS

Priority List Rank

125

County

BURLINGTON

Existing Population

19,079

Service Area

Township of Maple Shade

Need for Project

The Maple Shade Wastewater Treatment Plant treats all of the wastewater from its Community, the Plant discharges to the Pennsauken Creek. These referenced improvements will allow the Plant to maintain its operations in order to meet their discharge limits.

Project Description

This project involves the replacement of the Plant's Headworks pumps, sludge return pumps and the sludge transfer pumps, the upgrades to the Plant's electrical system, chemical systems and site lighting.

Project Name, Number

PASSAIC VALLEY SC
340689-21
KEARNY-HARRISON-NEWARK BRANCH INTERCEPTOR

Priority List Rank

136

County

ESSEX

Existing Population

1,350,000

Service Area

Parts of Bergen, Essex, Hudson and Passaic Counties

Need for Project

Sewer System Rehabilitation

Project Description

The PVSC is proposing to evaluate and rehabilitate portions of the Kearny-Harrison-Newark 42-Inch Branch Interceptor Sewer along Schuyler Avenue from PVSC's Manhole KHN-26 located at the intersection of Dukes Street to PVSC's Manhole KHN-23B (i.e. sand catcher) located on Hamilton Street.

Project Name, Number

OCEAN TOWNSHIP
340112-03
HORNBLOWER DR. ACP SEWER

Priority List Rank

160

County

OCEAN

Existing Population

6,450

Service Area

The sewer service area generally consists of three sections of Waretown. The first area generally extends from the Barnegat Bay west to Route 9, extending from the Lacey Township municipal border to Barnegat Township, including some developed portions of Bayshore Drive located within Barnegat Township. The second area extends from Route 9 west to the Garden State Parkway and from the Barnegat Township municipal border north to Wells Mills Road (County Road 532). The final area includes all non-environmentally sensitive areas west of Route 9, north of Wells Mills Road to the Lacey Township municipal border.

Need for Project

In ACP sewer mains, the degradation of the pipe is less obvious than in the water mains. The ACP in Hornblower Drive is 44 years old. As the pipe ages, it does not burst, but rather starts to leak. In high water table areas and during periods of seasonal high water, there is increased flow in the pipe as a result of increasing infiltration. The higher flow results in a higher treatment cost at the wastewater treatment plant, a cost that is passed on to the users. Occasionally, the sewer will collapse or be blocked by tree roots resulting in the backup of sewage into user facilities or at the manholes in the street. Considering the proximity of the project area to adjacent lagoon areas and the Barnegat Bay, any backup could result in an overflow at the manholes in the street, which if unchecked, could impact the lagoons or the Barnegat Bay. The replacement of the ACP sewer will eliminate or substantially reduce infiltration and the additional associated treatment costs. Furthermore, the replacement will eliminate contamination that may be caused by leaks or breaks in the pipe, as well as minimize the chances of clogging and backups.

Project Description

The applicant proposes to replace the existing 8" asbestos cement sewer main in Hornblower Drive with 8" polyvinyl chloride pipe (PVC) for a length of approximately 3,700 linear feet. This project includes the replacement of all manholes and sewer laterals.

Project Name, Number

ATLANTIC HIGHLANDS-HIGHLANDS REG. SA
340857-03
FORCE MAIN REPLACEMENT

Priority List Rank

164

County

MONMOUTH

Existing Population

4,705

Service Area

Borough of Highlands & Borough of Atlantic Highlands

Need for Project

The existing 25 year-old force main suffers from external corrosion and has had several breaks, each break causing a discharge of untreated sewerage which has flowed into the Navesink River. Examination of the pipe and soil conditions show that this corrosion affects the entire line on Route 36 and will cause additional failures and discharges.

Project Description

The proposed project includes replacing a twenty-five year old sewerage force main that has had repeated failures and discharges of untreated sewerage into the Navesink River. The existing failed force main carries sewerage from the Borough of Highlands & some parts of the Township of Middletown from our Pump Station in Highlands to our Pump Station in the Borough of Atlantic Highlands. There, it is re-pumped to Middletown into the Township of Middletown Sewerage Authority's (TOMSA) collection system and then treated by TOMSA. This force main has failed because of external corrosion. Examination of the pipe and soil conditions show that this corrosion affects the entire line on Route 36 and will cause additional failures and discharges. The new force main will go directly into the TOMSA gravity collection system in Middletown , reducing ongoing operational costs as well as maintenance costs for both pump stations.

Project Name, Number

MIDDLESEX COUNTY UA
340699-10
MAIN TRUNK SEWER REHAB

Priority List Rank

175

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 Projec

The MCUA will be rehabilitating a portion of its Main Trunk Sewer through this Project. There will be no impact to surface waters, however, the rehabilitiation work will significantly reduce the potential of adverse impacts from the failure of old and deteriorated sanitary sewers.

Project Description

The MCUA is intending to rehabilitate a portion of the existing Main Trunk Sewer (MTS) located in Piscataway, New Jersey, using trenchless rehabilitation technologies. This is the first of seven (7) phases that are required to address deterioration within portions of the MTS constructed of Corrugated Metal Pipe (CMP) segments. This Phase will rehabilitate the CMP pipe segments that can carry up to 46 million gallons per day (MGD) of raw wastewater. The Project will include segmental sliplining of approximately 5,100 feet of 60" and 66" CMP sewer pipe installed in the 1950's, repair and restoration of manholes, bypass of flows, environmental protection and site restoration activities.

Project Name, Number

OCEAN COUNTY UA
340372-51
N1-1B INTERCEPTOR

Priority List Rank

178

County

OCEAN

Existing Population

599,994

Service Area

The OCUA complete service area includes all of Ocean County and a portion of southern Monmouth County. Southern Monmouth County communities served include Howell Township, Freehold Township, Freehold Borough, Farmingdale Borough, and a portion of Wall Township.

Need for Project

The proposed improvements will improve system reliability and maintain the ability to achieve continued discharge permit compliance.

Project Description

This work involves the relining of approximately 8,032 linear feet of 48-inch diameter reinforced concrete pipe (RCP) and manhole rehabilitation as required. Cured-in-place technology will be utilized for all pipelines on this project. The interceptors to be relined were installed over 35 years ago and show noteworthy signs of deterioration. Rehabilitation is required to avoid structural failure and extend the useful life of the interceptors. OCUA will own and operate the proposed improvements.

Project Name, Number

OCEAN COUNTY UA
340372-52
C1-21 FORCEMAIN

Priority List Rank

178

County

OCEAN

Existing Population

599,994

Service Area

The OCUA complete service area includes all of Ocean County and a portion of southern Monmouth County. Southern Monmouth County communities served include Howell Township, Freehold Township, Freehold Borough, Farmingdale Borough, and a portion of Wall Township.

Need for Project

The proposed improvements will improve system reliability and maintain the ability to achieve continued discharge permit compliance.

Project Description

This work involves the replacement of approximately 1,059 linear feet of 10-inch diameter ductile iron pipe (DIP) force main. Static pipe-bursting technology will be utilized for this project. The interceptor to be replaced was installed over 30 years ago and shows severe signs of deterioration. Rehabilitation is required to avoid structural failure and extend the useful life of the interceptor. OCUA will own and operate the proposed improvements.

Project Name, Number

GLOUCESTER COUNTY UA
340902-10
WARREN ST. PS

Priority List Rank

186

County

GLOUCESTER

Existing Population

200,000

Service Area

Northern portion of Gloucester County - Clayton Borough, Deptford Twp., Glassboro Borough, Mantua Twp., National Park Borough, Paulsboro Borough, Pitman Borough, Washington Twp., Wenonah Borough, W. Deptford Twp., Woodbury City, Woodbury Hgts. Borough, Parts of E. Greenwich Twp., Elk Twp., and Monroe Twp.

Need for Project

The replacement of the Warren Street Pump Station's air release station is required in order to maintain the force main to the WWTP.

Project Description

This project includes the replacement of the Warren Street Pumping Station air release station.

Project Name, Number

TOMS RIVER TOWNSHIP MUA
340145-03
COLLECTION SYSTEM IMPROVEMENTS

Priority List Rank

196

County

OCEAN

Existing Population

89,706

Service Area

Township of Toms River

Need for Project

Although TRMUA has a rigorous preventative maintenance program, studies have revealed that much of the TRMUA system is in fair condition and a majority of the system has either exceeded or will exceed its expected life over the next couple of years. In this regard the TRMUA has embarked on a Capital Improvement Program (CIP). The goal of the CIP is to ensure that the TRMUA infrastructure is to provide efficient operations while preventing catastrophic failures which could result in a detriment to the surrounding water bodies which are contributory to the Barnegat Bay. The CIP was developed from the results of a thorough Infrastructure Inspection and Analysis which was prepared by TRMUA consultants with input from TRMUA staff.

Project Description

There is approx. 8,000 LF of various gravity sewer pipe ranging from 8" to 24" in diameter which are candidate(s) for trenchless rehabilitation and 50 manholes in need of rehabilitation. The West Point Island Pump Station and associated force main is six (6") inch diameter cast iron pipe is at the end of its useful life. The TRMUA will construct a new parallel six (6") inch force main to replace the existing 47-year old pipe. The Chadwick Island Pump Station and associated force main is six (6") inch diameter cast iron pipe, approximately 600 l.f. in length, and is at the end of its useful life. A new parallel six (6") inch force main will be constructed to replace the existing 47-year old pipe. Some existing piping and manholes in this location are severely deteriorated. The by-pass connection will provide an alternate route for sewage conveyance and eliminate deteriorated piping. New manholes will facilitate by-pass pumping operation for future maintenance repairs.

Project Name, Number

TOMS RIVER TOWNSHIP MUA
340145-04
PUMP STATION UPGRADES

Priority List Rank

196

County

OCEAN

Existing Population

89,706

Service Area

Township of Toms River

Need for Project

Although TRMUA has a rigorous preventative maintenance program, studies have revealed that much of the TRMUA system is in fair condition and a majority of the system has either exceeded or will exceed its expected life over the next couple of years. In this regard the TRMUA has embarked on a Capital Improvement Program (CIP). The goal of the CIP is to ensure that the TRMUA infrastructure is to provide efficient operations while preventing catastrophic failures which could result in a detriment to the surrounding water bodies which are contributory to the Barnegat Bay. The CIP was developed from the results of a thorough Infrastructure Inspection and Analysis which was prepared by TRMUA consultants with input from TRMUA staff.

Project Description

TRMUA has embarked on a Capital Improvement Program to ensure that the infrastructure provides efficient operations while preventing catastrophic failures. Proposed improvements include Pump Station Conversions, specifically conversion from suction lift/dry pit pumps to submersible pumps, reconditioning of wet wells, construction of valve chambers with provisions for by-pass pumping, new pump controls, alarms and miscellaneous site work. Additionally, New Natural Gas Fired Generator pump stations have been identified as candidates for new natural gas fired standby generators. The existing generator at PS#21 is to be raised up sufficiently to minimize the threat of damage due to flooding .New Pump Controls and Alarms Only are proposed with Miscellaneous Structural Improvements including but not limited to rehabilitation of concrete slab, trolley/hoist to facilitate removal of equipment, rehabilitation of wet well, and repairs to generator building.

Project Name, Number

PERTH AMBOY CITY
340435-09
COLLECTION SYSTEM IMPROVEMENTS

Priority List Rank

212

County

MIDDLESEX

Existing Population

47,303

Service Area

City of Perth Amboy

Need for Project

The main purpose of all the proposed projects is to reduce the overflows into the receiving waters and to eliminate surges into residents basements. In addition they will help in the performance of the Collection System by improving the friction factor coefficient and therefore improving velocity for the self flushing of the System. The Sewer Separation Project will reduce pollutants overflowing into the receiving waters and will eliminate the flooding of the basements of the resident in the area of the Project. The Replacement of the VFDs will reduce the amount of overflows events into the receiving waters and reduce floods in the area as well as the flooding of basements.

Project Description

The Sewer System is over 100 years old and many of the mains are deteriorated to the point that they need to be replaced or rehabilitated. The proposed Sewer Main Rehabilitation Project will adress the sewer mains that have the worst history of collapses and consequently, road cave ins. The Rehabilitation of the Sewer Mains will be done by cleaning and lining these mains. The program will include a Sewer Separation Project. A new storm sewer main will be installed and all the storm water going into the combine sewer will then be going into the storm main only. The Replacement of the two(2) VFDs at the State St. Pump Station is also proposed. The existing VFDs are not working. They are obsolete and parts cannot be found to make repairs.

Project Name, Number

JACKSON TOWNSHIP MUA
340953-03
SEWER REHABILITATION

Priority List Rank

215

County

OCEAN

Existing Population

42,816

Service Area

Jackson Township

Need for Project

JTMUA undertook a 7 phase sewer evaluation study between 2002 and 2007. The critical defects were completed shortly after these studies but numerous repairs need to be completed by means of this proejct. The major benefits will be reduced inflow and infiltration into our system which will also benefit Ocean County Utilities Authority. As a secondary benefit, the majority of the work will be undertaken where there is asbestos cement pipe (ACP) and this project will also increase the structural integrity of the pipe where it has been damaged by hydrogen sulfide.

Project Description

JTMUA is planning to line 4,600 linear feet of pipe with a cured-in-place liner and conduct spot repairs in another 77 locations (5 sewer lines and 23 laterals). Lastly, 33 manholes were identified as needing rehabilitation and these will be chemically grouted and/or cementitious lined as appropriate. JTMUA has also been installing cleanouts in the older parts of our system and we identified 292 locations that need cleanouts. The cleanout work may exceed our budget for the project so we were planning to install these only if funding allows based upon the bid results.

Project Name, Number

OCEAN TOWNSHIP SA
340750-10
DEAL LAKE SIPHON

Priority List Rank

227

County

MONMOUTH

Existing Population

26,959

Service Area

Township of Ocean

Need for Project

The Township of Ocean Sewerage Authority owns and maintains a siphon that crosses Deal Lake. The Authority's system maps indicate the 6" and 8" pipes are cast iron and are from a manhole on Hetrick Point Road in the Wanamassa section of Ocean Township to a manhole located in the backyard of a residence located along Windermere Avenue in the Borough of Interlaken. As a minimum, the Authority checks the flow in the manhole downstream of the siphon weekly to confirm flow across Deal Lake.

On Monday morning, March 28, the flow through the downstream manhole was greatly reduced. The Authority placed dye in both the 6" and 8" pipes and determined flow was entering the lake. The Authority installed a bypass pump system that is pumping flow to a manhole located on Wickapecko Drive. The bypass system includes three pumps and over 3,500 ft of temporary piping installed along narrow streets with houses located close to the road.

Project Description

The proposed project includes replacement of the 6" and 8" siphon pipes that cross Deal Lake.

Project Name, Number

OCEAN TOWNSHIP SA
340750-11
COLLECTION SYSTEM IMPROVEMENTS

Priority List Rank

227

County

MONMOUTH

Existing Population

26,959

Service Area

Township of Ocean

Need for Project

The configuration of the existing gravity sewer in this area causes blockages and the manhole is not accessable because it is located in the travel lane of Rt 35. Roseld Avenue Sanitary Sewer - The Wickapecko pump station force main discharges along Roseld Avenue. The shallow manholes along Roseld Avenue that are downstream of the Wickapecko pump station force main discharge surcharge during high flows. Interlaken Pump Station - The existing main sewage pump motors were installed in the 1960's and the pumps are no longer operating at their design point. The pump station building needs upgrades including ventilation, access to the wet well and method of pump removal.

Project Description

The proposed improvement is to install a new sanitary sewer pipe across Route 35. The proposed configuration would remove the sharp bend from the manhole and have manholes moved from the travel lane of Route 35. Roseld Avenue Sanitary Sewer - The proposed improvement is to extend the existing Wickapecko pump station force main so it discharges to the gravity sewer system along Roseld Avenue downstream of the shallow manholes. Interlaken Pump Station - The proposed improvement will include replacing the three existing pumps, building upgrades, pump control upgrades and replacing 400 lf of the existing force main.

Project Name, Number

CARTERET BOROUGH
340939-06
PS REHAB

Priority List Rank

246

County

MIDDLESEX

Existing Population

20,709

Service Area

Borough of Carteret

Need for Project

The proposed equipment and pipe improvements are necessary to address aging and undersized infrastructure to minimize potential future failures and eliminate surcharging of the system. The Roosevelt Avenue Pump Station and trunkline are adjacent to the Arthur Kill, which is classified as a saline estuarine (SE3) waterway, and the Noes Creek, which would adversely be impacted if the improvements are not undertaken.

Project Description

The proposed project includes upgrades to the existing Roosevelt Avenue Pump Station and trunkline. Upgrades include new pumps, new odor and corrosion system control, and replacement of approximately 2500 linear feet of 15 inch pipe with 21 inch PVC to increase capacity to handle the periodic high flows and minimize surcharging of the system.

Project Name, Number

WEST DEPTFORD TOWNSHIP
340947-04
PUMP STATION UPGRADES

Priority List Rank

249

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.

Project Name, Number

STAFFORD TOWNSHIP
340946-05
BEACH HAVEN WEST SEWER REPLACEMENT

Priority List Rank

269

County

OCEAN

Existing Population

13,325

Service Area

Stafford Township

Need for Project

The existing sanitary sewer main along Mill Creek Road will be TV inspected to determine areas of infiltration and exfiltration. The main will be removed and replaced as necessary to prevent sewage from seeping into the Barnegate Bay.

Project Description

The project will include the TV inspection and removal and replacement of sewer main along Mill Creek Road as necessary.

Project Name, Number

CARNEYS POINT TOWNSHIP
340502-07
PUMP STATIONS REHAB

Priority List Rank

293

County

SALEM

Existing Population

7,684

Service Area

Carneys Point Township

Need for Project

A lightning strike or power surge rendered inoperable the variable frequency drives at the Plant Road and Bouton Road pump stations.

Project Description

The proposed project includes replacing the variable frequency drives and control equipment, and installing surge protection at the Plant Road and Bouton Road pump stations.

Project Name, Number

LONG BEACH TOWNSHIP
340023-05
SEWER REPLACEMENT

Priority List Rank

323

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 10,000 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

NATIONAL PARK BOROUGH
340419-01
PUMP STATIONS 1&2

Priority List Rank

326

County

GLOUCESTER

Existing Population

3,205

Service Area

National Park Borough

Need for Project

This project is for the replacement of sanitary sewer pump stations. There are no portions of this project that pertain to potable water. The proposed project will insure safe and effective conveyance of sanitary sewer wastewater to the Gloucester County Utility Authority wastewater treatment plant.

Project Description

The project consists of the replacement of PS#1 and PS#2. The existing pump stations were built in the early 1960's. They are a "submarine" type pump station with a separate wet well and dry well configuration. The stations are not equipped with a back-up power source. Under existing conditions, the configuration of each of the stations is similar in layout and engineering design. Each pump station will be replaced with a suction lift duplex pump station. The existing pumps are undersized causing them to run for longer periods than recommended by the pump manufacturer. The proposed pumps will be sized according to pump manufacturer recommendation to maximize motor life and minimize repairs. The existing wet wells, dry wells, pumps, and accessories will be completely removed and properly disposed. At both locations, the wet well and dry well equipment will be placed at grade to allow personnel to access the equipment without entering a confined space. Add backup generators.

Project Name, Number

OCEAN GATE BOROUGH
340151-01
SEWER REHABILITATION

Priority List Rank

338

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

POINT PLEASANT BOROUGH
340428-01
MEADOW POINT RD. & BRADLEY RD. PS

Priority List Rank

347

County

OCEAN

Existing Population

19,306

Service Area

Point Pleasant Borough

Need for Project

The upgrades are required to increase the reliability of the pump stations and reduce maintenance costs to the Borough and the rate payers. The Meadow Point Road Pump Station and Bradley Road Pump Station have reached the end of their useful lives due to age, the inability to obtain replacement parts and the deterioration of the buried steel can. In addition, buried stations are classified as confined spaces requiring Borough personnel to adhere to the burdensome confined space requirements when entering the dry well and wet well.

Project Description

At the Meadow Point Road Pump Station the existing dry well "can" will be emptied of its contents, partially removed and the remaining section abandoned in place. The existing wet well will be retained. A duplex submersible pump system and grinder will be installed in the wet well. Additional appurtenances including a valve chamber with bypass connection, new control and alarm systems and emergency generator will be provided. At the Bradley Road Pump Station the existing buried steel pneumatic ejector type pump station and its associated equipment will be removed. A new concrete wet well will be constructed on the existing site and a duplex submersible grinder pump system will be installed in the new wet well. Additional appurtenances including a valve chamber with bypass connection, new control and alarm systems and emergency generator will be provided.

Project Name, Number

OCEAN COUNTY UA
340372-48
BIOSOLIDS MANAGEMENT

Priority List Rank

350

County

OCEAN

Existing Population

599,994

Service Area

The OCUA complete service area includes all of Ocean County and a portion of southern Monmouth County. Southern Monmouth County communities served include Howell Township, Freehold Township, Freehold Borough, Farmingdale Borough, and a portion of Wall Township.

Need for Project

There are no changes proposed to existing treatment processes. All permit discharge requirements are in compliance. The proposed improvements will improve system reliability and maintain the ability to achieve continued discharge permit compliance.

Project Description

The three treatment plants, through an anaerobic digestion, biosolids dewatering and drying process, produce a combined total of approximately 8,500 dry tons per year of biosolids in the form of organic fertilizer (OceanGro). The recommended design includes the elimination of digested sludge gravity belt thickeners at the NWPCF and CWPCF, installation of belt filter presses and a storage wet bin/cake loading facility at the NWPCF, construction of cake unloading facilities and cake wet bin storage at the CWPCF, piping modifications at the CWPCF to allow decommissioning of digested sludge Gravity Belt Thickeners (GBT) and blending of liquid biosolids.

Project Name, Number

OCEAN COUNTY UA
340372-50
SWPCF ROOF REPLACEMENT

Priority List Rank

356

County

OCEAN

Existing Population

599,994

Service Area

The OCUA complete service area includes all of Ocean County and a portion of southern Monmouth County. Southern Monmouth County communities served include Howell Township, Freehold Township, Freehold Borough, Farmingdale Borough, and a portion of Wall Township.

Need for Project

There are no changes proposed to existing treatment processes. All permit discharge requirements are in compliance. The proposed improvements will improve system reliability and maintain the ability to achieve continued discharge permit compliance.

Project Description

The existing roofing system of the Sludge Handling Facilities is approximately 31,300 SF and the Activated Sludge Building is approximately 2,700 SF. This project involves the removal and replacement of the roofing system to both buildings. Both roofs exhibit more than the appropriate level of deterioration for their age and significant leaks. Roof replacement is required to avoid structural failure and extend the useful life of the buildings and major equipment. OCUA will own and maintain the proposed improvements.

Project Name, Number

WEST MILFORD TOWNSHIP
340701-10
SEPTIC SYSTEM REPAIRS

Priority List Rank

375

County

PASSAIC

Existing Population

26,410

Service Area

West Milford Township

Need for Project

The Township of West Milford utilizes individual subsurface sewage disposal systems and individual wells (95% on wells and septics) for their wastewater disposal and potable water supply. There is approximately 8,517 (85.2% of residences) subsurface sewage disposal systems within the Township of West Milford. Taking a very conservative approach, not counting commercial establishments, each of these 8,517 systems generate approximately 500 gallons of contaminated waste water per day, that's a total of 4,258,500 gallons of contaminated water that enters into the water shed of West Milford. There is 4,647 residences in LR zone (4,663 w/ Class 15), 6,463 residences in Highlands Open Water Protection Zone (300â€™ open water buffer) and 3,319 residences within 300ft of water (2002lulc) (does not include wetlands, streams). Many of these existing systems have malfunctioned even when the systems have been designed, constructed, and sited in accordance with applicable NJDEP standards, largely due to lack of proper system management or improper operation, poor soil conditions and maintenance. These malfunctions have been shown to adversely affect public health and welfare and the environment.

Project Description

The proposed project includes helping provide loans to families who are not able to pay for repair of there failing septics.

Project Name, Number

WATCHUNG BOROUGH
340823-02
SEWER EXTENSION

Priority List Rank

454

County

SOMERSET

Existing Population

5,613

Service Area

Borough of Watchung.

Need for Project

This new sanitary sewer extension project is needed to replace existing marginal and failing septic tanks.

Project Description

Construction of a municipal sanitary sewer extension along Johnston Drive to Bonnie Burn in the Borough of Watchung. This project will service 30 properties (including 27 houses) and consists of 3,600 linear feet of 8-inch diameter gravity sewers and appurtenances, as well as 1,400 linear feet of 2-inch diameter lowhead pressure sewer and appurtenances.

Project Name, Number

CLIFTON CITY
340844-03
BONSAL PRESERVE SEWER IMPROVEMENTS

Priority List Rank

460

County

PASSAIC

Existing Population

78,672

Service Area

City of Clifton

Need for Project

Construction of a new 18" PVC sanitary sewer pipe will greatly reduce the amount of infiltration/inflow from this area, will increase the flow capacity, and will remove an environmental concern that presently exists within the nature preserve.

Project Description

Project consists of the construction of a new 18" PVC sanitary sewer by relocating it along the northerly boundary of the Bonsal Nature Preserve. The existing pipe is undercapacity due to excess I&I and root intrusion; and it presently within the Township of Montclair which traverses along the center of the nature preserve. The existing pipe would be abandoned with flowable fill, and eliminates a potential environmental liability.

Project Name, Number

ABERDEEN TOWNSHIP
340869-02
COLLECTION SYSTEM

Priority List Rank

484

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 81 residents within the Freneau/Woodfield Area of the Township. The 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. The system will consist of 7,865 LF of 8" gravity sewer main , domestic sewer laterals, a pumping station, and 13,500 LF of DIP force main.

Project Name, Number

HARRISON TOWNSHIP
340362-06
RICHWOOD WATER RECLAMATION FACILITY

Priority List Rank

495

County

GLOUCESTER

Existing Population

8,788

Service Area

Harrison Township

Need for Project

Although the Township has an existing wastewater treatment facility, it does not service the area of the proposed development, requiring construction of the entirely new Richard WRF. The proposed Richwood WRF will still utilize a membrane bioreactor (MBR) for biochemical oxygen demand)BOD) and total suspended solids (TSS) removal and nitrification/denitrification. Influent will be screened prior to entering the MBR system via two (2) .parallel rotary drum screens. MBR permeate will be treated by UV disinfection and disposed of sub-surface via groundwater recharge. The new wastewater facility will be designed for a maximum month flow of 0.98 MGD, although the first phase will be for a maximum month flow of 0.375 MGD.

Project Description

The Richwood Sewer Service Area is approved for a wastewater treatment and disposal facility of 980,000 gallons per day. (Currently, there are no such facilities in the Richwood Sewer Service Area.) A new treatment plant will be constructed on Township-owned property and will be owned, operated and maintained by the Township once completed. The facilities as designed will have a total capacity of 690,000 gallons per day (gpd) and will be built in two phases. Phase 1 of the facility is projected to cost approximately $15,250,000 ($14,000,000 for treatment and disposal, $1,250,000 for conveyance systems). Phase 2 is projected to cost approximately $4,000,000 for treatment and disposal.

Project Name, Number

NJ WATER SUPPLY AUTHORITY
340421-01
D&R CANAL DREDGING

Priority List Rank

540

County

SOMERSET

Existing Population

62,300

Service Area

The D&R Canal extends from the Delaware River at Bulls Island to the Raritan River in New Brunswick for a distance of approximately 60 miles. The 10.5 mile segment of the Canal to be dredged is located in the Delaware and Raritan Canal State Park and the project area extends from Lincoln Highway - Route 27 (Station 1862+00) to Amwell Road (Station 2418+00) in Franklin Township, Somerset County, New Jersey

Need for Project

Since the canal functions as a reservoir, the purpose of this project is to improve water quality and maintain hydraulic capacity by removing accumulated sediment, aquatic vegetation growth and debris. With dredging the velocity in the canal will be reduced thereby reducing sediment resuspension and raw water turbidity. The reduced solids loading will allow for lower coagulant dosage at the water treatment plants. The in situ sediments also contain organics and their removal would help to control the total organic carbon concentration of the raw water. Removal of the submerged aquatic vegetation (SAV) will reduce disinfection by product precursors in the finished water of downstream users. Additionally, decaying SAV could result in anaerobic conditions with resulting taste and odors and possible dissolved metals (iron and manganese) releases into the water column.

Project Description

The New Jersey Water Supply Authority (NJWSA) proposes to remove approximately 270,000 cubic yards of sediment from a 10.5 mile segment of the Delaware and Raritan Canal (D&R Canal) between Kingston at Lincoln Highway - Route 27 (Station 1862+00) to Amwell Road (Station 2418+00) in Franklin Township, Somerset County, New Jersey.

Project Name, Number

BERKELEY TOWNSHIP
340969-12
STORMWATER/EQUIPMENT

Priority List Rank

545

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 two culverts and purchase of a street sweeper.

Project Name, Number

STAFFORD TOWNSHIP
340946-04
VEHICLE WASH

Priority List Rank

568

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

NJ WATER SUPPLY AUTHORITY
343054-09
LAND ACQUISITION

Priority List Rank

644

County

HUNTERDON

Existing Population

2,000,000

Service Area

The Raritan Basin, Lockatong Creek and Wickecheoke Creek watersheds of New Jersey

Need for Project

The proposed acquisition and preservation of these parcels will result in the protection and maintenance of water quality of the surface water, groundwater and wetland resources of the area on a long-term basis.

Project Description

The Authority seeks to preserve seven parcels of land for the purposes of source water protection.

Project Name, Number

NATIONAL PARK BOROUGH
342019-01
LANDFILL CLOSURE

Priority List Rank

703

County

GLOUCESTER

Existing Population

3,205

Service Area

National Park Borough

Need for Project

The Borough of National Park is required by the State Regulations to implement the closure of the landfill site in accordance with the applicable Solid Waste Rules. The implementation of the closure and preparing the site for development is a priority for the Borough of National Park. This sizable contaminated property is situated in the center of the Borough with no prospects for development. The Borough is very much interested in getting the property to be put to a productive use. The Borough has two alternatives: implementation of closure only, or implementation of closure and development of the site for the installation of PV Solar system. Therefore, the implementation of the landfill closure is needed for both alternatives.

Project Description

It is the intent of the Borough of National Park to implement an NJDEP approved environmentally sound closure of the landfill, and prepare the site for future use. The Borough has solicited bids for the installation of a Photo Voltaic solar system on the site, and has faced a difficulty in getting the site closed and developed due to the high cost of implementing proper closure.

Project Name, Number

ASBURY PARK CITY
340883-05
SANITARY SEWER IMPROVEMENTS

Priority List Rank

719

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.

Project Name, Number

CARTERET BOROUGH
340939-07
MARINA DREDGING

Priority List Rank

730

County

MIDDLESEX

Existing Population

20,709

Service Area

Borough of Carteret

Need for Project

The Carteret Marina is located on the Arthur Kill. The Arthur Kill is classified as a saline estuarine (SE3) waterway. Waters with this classification have designated uses that include secondary contact recreation; maintenance and migration of fish population; migration of diadromous fish; maintenance of wildlife and any other reasonable uses.

Project Description

The project consists of the dredging of approximately 100,000 cubic yards of contaminated sediment from the Carteret Marina. The sediment contains a number of contaminants including arsenic and semi-volatile organic compounds. Contaminated sediment will be dredged and disposed of in accordance with all applicable NJDEP requirements.

Appendix D

Interim Financing Program Clean Water Eligibility List

STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
1	340430-02 PASSAIC VALLEY SC					79,793			100,557		BEYOND12
2	340781-04 RARITAN BOROUGH			250					360		BEYOND12
3	340810-03 LOWER TOWNSHIP MUA		2,333						3,135		BEYOND12
4	340418-03 OAKLAND BOROUGH		7,000		21,760				36,522		BEYOND12
5	340495-03 SPARTA TOWNSHIP	1,470	637						2,853		BEYOND12
6	340815-21 NEWARK CITY			7,400					9,653		T 120830
7	340366-03 CAMDEN CITY			7,949					10,361		BEYOND12
7	340366-06 CAMDEN CITY					46,353			58,648		BEYOND12
7	340366-07 CAMDEN CITY			15,000					19,257		BEYOND12
7	340366-09 CAMDEN CITY					7,687			10,023		BEYOND12
7	340366-10 CAMDEN CITY					500			708		BEYOND12
12	340964-01 WARREN TOWNSHIP SA	3,000							3,997		BEYOND12
13	340699-03 MIDDLESEX COUNTY UA	285,613							363,247		BEYOND12
14	340652-12 NORTH BERGEN MUA					2,500			3,340		T 120830
15	340385-05 BERKELEY HEIGHTS TOWNSHIP	1,443							1,973		BEYOND12

All costs shown are in thousands ($1000's)

Cat 1 - Secondary/Sludge/Septage Treatment
Cat 2 - Advanced Treatment
Cat 3 - Sewer System Rehabilitation
Cat 4 - New Collectors, Interceptors & Appurtenances
Cat 5 -Correction of Combined Sewer Overflows
Cat 6 - Stormwater Management
Cat 7 - Nonpoint Source Management

FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
16	340835-01 ORADELL BOROUGH			204					295		BEYOND12
17	340488-05 HOPATCONG BOROUGH				13,400				17,222		BEYOND12
18	340349-03 PENNSAUKEN TOWNSHIP					1,400	2,600		5,308		BEYOND12
19	340942-11 ELIZABETH CITY			2,850	2,850	950	1,425	1,425	12,357	12,357	T 110830
19	340942-13 ELIZABETH CITY					9,500			12,357	12,357	T 110830
19	340942-14 ELIZABETH CITY					5,300			6,987	6,987	T 110830
19	340942-15 ELIZABETH CITY					1,100			1,522		BEYOND12
23	340928-03 JERSEY CITY MUA					37,122			47,046		BEYOND12
23	340928-04 JERSEY CITY MUA					1,790			2,437		BEYOND12
23	340928-07 JERSEY CITY MUA					2,504			3,345		BEYOND12
23	340928-09 JERSEY CITY MUA			2,445					3,272	3,272	T 110830
23	340928-10 JERSEY CITY MUA					3,000			3,997		T 120830
23	340928-11 JERSEY CITY MUA					4,500			5,962		T 120830
29	340399-26 BAYONNE MUA					4,100			5,439		BEYOND12
29	340399-27 BAYONNE MUA				3,000				3,997		BEYOND12

All costs shown are in thousands ($1000's)

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
31	340259-06 KEARNY MUA				4,000				5,308		BEYOND12
32	340688-04 RIDGEFIELD PARK VILLAGE					13,000			16,713		BEYOND12
33	340854-02 GUTTENBERG TOWN					280			376		BEYOND12
34	340463-06 MEDFORD LAKES BOROUGH		3,105						4,135		BEYOND12
35	340747-05 JEFFERSON TOWNSHIP				14,922				19,158		BEYOND12
36	340453-03 WARREN CO-PAULINSKILL/BLAIRSTOWN	595	411		911				2,607		BEYOND12
37	340372-45 OCEAN COUNTY UA	3,000							3,997	3,997	T 110830
37	340372-49 OCEAN COUNTY UA	750							1,054		T 120830
39	340399-09 HUDSON COUNTY UA (HOBOKEN)					10,846			14,038		BEYOND12
40	340661-21 CAPE MAY COUNTY MUA	800							1,122	1,122	T 110830
41	340117-02 TWO RIVERS WRA	5,928							7,760		BEYOND12
42	340299-04 LINDEN-ROSELLE SA				4,199	5,044			12,027		BEYOND12
43	340399-20 NORTH BERGEN MUA		30,000						38,083		BEYOND12
44	340639-05 RIDGEWOOD VILLAGE				1,520				2,075		BEYOND12
45	340847-04 CLIFFSIDE PARK BOROUGH					2,000			2,718		BEYOND12

All costs shown are in thousands ($1000's)

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Cat 7 - Nonpoint Source Management

FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
46	340454-05 WARREN COUNTY (PEQUEST RIVER)		3,000						3,997		BEYOND12
47	340275-01 RIVERTON BOROUGH	649							914		BEYOND12
48	340640-12 CAMDEN COUNTY MUA	3,500							4,653	4,653	T 110830
48	340640-13 CAMDEN COUNTY MUA	4,000							5,308		T 120830
50	340747-02 JEFFERSON TOWNSHIP	1,428							1,952		BEYOND12
51	340925-01 WRIGHTSTOWN (WRIGHTSTOWN MUA)	2,000	900						3,866		BEYOND12
52	340952-02 NORTH HUDSON SA			24,320					30,948		BEYOND12
52	340952-17 NORTH HUDSON SA	2,272							3,060	3,060	T 110830
52	340952-18 NORTH HUDSON SA					357			510	510	T 110830
55	340652-01 NORTH BERGEN TOWNSHIP/HUDSON CO				2,800	200			3,997		BEYOND12
56	340898-01 HAMILTON TOWNSHIP		8,830						10,686		BEYOND12
57	340701-11 WEST MILFORD TOWNSHIP MUA		7,040						9,189		T 120830
58	340809-08 ATLANTIC COUNTY UA	1,196							1,640		BEYOND12
59	340821-04 ROCKAWAY VALLEY RSA	7,500							9,782		BEYOND12
60	340923-10 HACKENSACK CITY			100			31,000		39,469		BEYOND12

All costs shown are in thousands ($1000's)

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Cat 7 - Nonpoint Source Management

STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
61	340410-05 NEPTUNE TOWNSHIP SA		8,200						10,684		BEYOND12
62	340463-05 EVESHAM MUA (WOODSTREAM)	2,550	52	102	2,713				7,132		BEYOND12
63	340446-09 EDGEWATER MUA	1,500	300						2,451		BEYOND12
64	340454-04 WARREN COUNTY (PEQUEST RIVER)		11,550						14,895		T 120830
65	340917-01 DELAWARE TOWNSHIP MUA		2,800	100					3,866		BEYOND12
66	340809-09 ATLANTIC COUNTY UA	2,000							2,718		BEYOND12
67	340536-08 EAST WINDSOR MUA	9,450							12,293		T 120830
68	340870-02 PENNSVILLE SA		1,200		4,281				7,211		BEYOND12
69	340362-05 HARRISON TOWNSHIP	794							1,114		BEYOND12
70	340526-06 GLOUCESTER CO UA (GIBBSTOWN)	1,122	561						2,294		BEYOND12
71	340299-07 LINDEN ROSELLE SA	10,218							13,268	13,268	T 110830
72	340874-05 PHILLIPSBURG TOWN		1,432						1,958		T 120830
73	340485-08 RARITAN TOWNSHIP MUA		1,117						1,543	1,543	T 110830
74	340724-05 MORRIS TOWNSHIP	4,305							5,707		T 120830
75	340388-04 HANOVER SA		5,300						6,987	6,987	T 110830

All costs shown are in thousands ($1000's)

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Cat 6 - Stormwater Management
Cat 7 - Nonpoint Source Management

FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
75	340388-05 HANOVER SA		6,615						8,641		T 120830
77	340958-05 GLOUCESTER CITY					166			243		BEYOND12
78	340386-09 BERGEN COUNTY UA			25,000					31,783		BEYOND12
79	340331-01 FRENCHTOWN BOROUGH		11,800						15,197	15,197	T 110830
80	340935-01 MANSFIELD TOWNSHIP	700	300						1,396		BEYOND12
81	340485-05 RARITAN TOWNSHIP MUA	215							311	311	T 110830
82	340170-06 CINNAMINSON SA	1,425							1,949		T 120830
83	340689-16 PASSAIC VALLEY SEWERAGE	10,000							13,000		BEYOND12
83	340689-19 PASSAIC VALLEY SC	50,000							63,223		BEYOND12
85	340838-04 EVESHAM MUA	1,997							2,714		T 120830
85	340838-05 EVESHAM MUA	1,997							2,714		T 120830
87	340219-03 BORDENTOWN SA	922							1,290	1,290	T 110830
88	340924-04 CLINTON TOWN		1,000						1,396	1,396	T 110830
89	340256-02 ALLAMUCHY TOWNSHIP		3,000						3,997		BEYOND12
90	340686-04 ESSEX UNION JOINT MEETING	8,600							11,199		BEYOND12

All costs shown are in thousands ($1000's)

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Cat 6 - Stormwater Management
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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
91	340815-16 NEWARK CITY							4,470	5,923		BEYOND12
91	340815-19 NEWARK CITY			3,500					4,653		BEYOND12
93	340518-04 BUENA BOROUGH MUA	1,500							2,049		BEYOND12
94	340128-03 WESTERN MONMOUTH UA	10,000							13,000		BEYOND12
95	340710-05 MAPLE SHADE TOWNSHIP	1,867							2,541		BEYOND12
96	340747-04 JEFFERSON TOWNSHIP (ROCKAWAY)				4,932				6,526		BEYOND12
97	340832-01 HOWELL TWP MUA				4,435				5,877		BEYOND12
98	340689-20 PASSAIC VALLEY SC	1,745							2,377		T 120830
99	340386-10 BERGEN COUNTY UA	4,500							5,962		BEYOND12
99	340386-11 BERGEN COUNTY UA	12,000							15,439		T 120830
99	340386-12 BERGEN COUNTY UA	10,000							13,000		T 120830
99	340386-13 BERGEN COUNTY UA	10,000							13,000		BEYOND12
103	340809-22 ATLANTIC COUNTY UA			12,000					15,439	15,439	T 110830
104	340902-09 GLOUCESTER COUNTY UA	3,580							4,758		T 120830
105	340806-04 PARSIPPANY-TROY HILLS TOWNSHIP		8,316						10,833		BEYOND12

All costs shown are in thousands ($1000's)

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Cat 4 - New Collectors, Interceptors & Appurtenances
Cat 5 -Correction of Combined Sewer Overflows
Cat 6 - Stormwater Management
Cat 7 [illegible]

FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
106	340259-08 KEARNY MUA			500					708		BEYOND12
107	344100-01 STAFFORD TOWNSHIP						3,125		3,750	3,750	T 110830
107	344100-02 STAFFORD TOWNSHIP						2,997		3,994		T 120830
109	344030-01 BRICK TOWNSHIP						731		1,029		BEYOND12
110	344070-01 MANCHESTER TOWNSHIP						575		812	812	T 110830
111	344060-01 LITTLE EGG HARBOR TOWNSHIP						2,187		2,954		BEYOND12
112	340915-03 HIGHTSTOWN BOROUGH	479							680	680	T 110830
113	344150-01 LAKEHURST BOROUGH						361		515		BEYOND12
114	344200-01 SEASIDE PARK BOROUGH						470		667	667	T 110830
115	344050-01 JACKSON TOWNSHIP						1,724		2,350	2,350	T 110830
116	344140-01 LACEY TOWNSHIP						225		325	325	T 110830
117	344080-01 OCEAN COUNTY						11,537		13,844	13,844	T 110830
118	340821-05 ROCKAWAY VALLEY RSA	3,650							4,850	4,850	T 110830
119	344110-01 TOMS RIVER TOWNSHIP						1,435		1,962	1,962	T 110830
120	344080-02 OCEAN COUNTY						1,744		2,377		T 120830

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STATE OF NEW JERSEY

FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
121	340461-05 LANDIS SA	2,700							3,603		BEYOND12
122	344040-01 HOWELL TOWNSHIP						3,001		3,998	3,998	T 110830
123	344020-01 BERKELEY TOWNSHIP						350		500	500	T 110830
124	344210-01 POINT PLEASANT BOROUGH						220		318		BEYOND12
125	340710-07 MAPLE SHADE TOWNSHIP	1,700							2,317	2,317	T 110830
125	340710-08 MAPLE SHADE TOWNSHIP	2,000							2,718		T 120830
127	344130-01 BARNEGAT TOWNSHIP						260		374	374	T 110830
128	344010-01 BEACHWOOD BOROUGH						696		980		BEYOND12
129	344160-01 MILLSTONE TOWNSHIP						250		360	360	T 110830
130	344190-01 POINT PLEASANT BEACH BOROUGH						235		339	339	T 110830
131	344170-01 LONG BEACH TOWNSHIP						845		1,184	1,184	T 110830
132	344180-01 OCEAN GATE BOROUGH						1,690		2,303	2,303	T 110830
133	344090-01 PINE BEACH BOROUGH						305		437		BEYOND12
134	344120-01 BAY HEAD BOROUGH						172		250	250	T 110830
135	340102-02 MILLTOWN BOROUGH			720					1,012	1,012	T 110830

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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
136	340689-21 PASSAIC VALLEY SC			1,080					1,497		T 120830
137	340640-10 CAMDEN COUNTY MUA				60,000		800		76,770	76,770	T 110830
138	340809-21 ATLANTIC COUNTY UA				6,500				8,492		BEYOND12
139	340850-01 PATERSON CITY			22,136					28,256		BEYOND12
140	340661-17 CAPE MAY COUNTY MUA			200					289	289	T 110830
141	340416-12 TRENTON CITY			2,000					2,718		BEYOND12
142	340945-10 OLD BRIDGE MUA			3,000					3,997	3,997	T 110830
143	340652-07 NORTH BERGEN TOWNSHIP			450					639		BEYOND12
143	340652-10 NORTH BERGEN UA							1,225	1,679		BEYOND12
145	340259-07 KEARNY MUA			4,600					6,093		BEYOND12
146	340804-04 SALEM COUNTY BOARD OF		14,218						18,263		BEYOND12
147	340803-04 HACKETTSTOWN MUA				1,011				1,411		BEYOND12
148	340663-04 NORTH WILDWOOD CITY			8,716					11,349		BEYOND12
149	340656-07 PRINCETON SOC			4,000					5,308	5,308	T 110830
150	340336-05 LONG BRANCH SA			1,000					1,396		BEYOND12

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
151	340730-01 OCEAN CITY			39					57		BEYOND12
152	340360-01 METUCHEN BOROUGH			2,800					3,734		BEYOND12
153	340664-03 WILDWOOD CITY			2,250					3,032		BEYOND12
154	340626-03 WEST WILDWOOD BOROUGH			396					564		BEYOND12
155	340921-04 MILLVILLE CITY			5,350	1,200				8,557		BEYOND12
156	340712-09 BURLINGTON TOWNSHIP			700					985	985	T 110830
157	340170-04 CINNAMINSON SA			1,100					1,522	1,522	T 110830
158	340778-01 TOTOWA BOROUGH			700					985		BEYOND12
159	340304-02 FREEHOLD BOROUGH			300					430		BEYOND12
160	340112-02 OCEAN TOWNSHIP			569					805	805	T 110830
160	340112-03 OCEAN TOWNSHIP			530					750		T 120830
162	340911-01 MANASQUAN RIVER RSA			500					708		BEYOND12
163	340915-04 HIGHTSTOWN BOROUGH			44	236				403	403	T 110830
164	340857-03 ATLANTIC HIGHLANDS-HIGHLANDS REG.			2,530					3,379		T 120830
165	340347-01 SOUTH BOUND BROOK BOROUGH				850				1,239		BEYOND12

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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
166	340236-01 SEASIDE HEIGHTS BOROUGH			2,935					3,913		BEYOND12
167	340864-01 AVALON BOROUGH		310	796					1,530		BEYOND12
168	340722-04 STONE HARBOR BOROUGH			6,970					9,099	9,099	T 110830
169	340858-01 CRANFORD TOWNSHIP			850					1,191		BEYOND12
170	340858-06 CRANFORD TOWNSHIP			715					1,005		BEYOND12
171	340147-01 PLEASANTVILLE CITY			1,746	275		3,238	750	7,860		BEYOND12
172	340376-04 MORRISTOWN TOWN			6,600					8,621		BEYOND12
173	340967-01 MATAWAN BOROUGH			500					708		BEYOND12
174	340326-06 SOUTH AMBOY CITY			168					244		BEYOND12
175	340699-07 MIDDLESEX COUNTY UA			6,200					8,105		BEYOND12
175	340699-08 MIDDLESEX COUNTY UA			17,300					22,180		BEYOND12
175	340699-10 MIDDLESEX COUNTY UA			6,510					8,505		T 120830
178	340372-46 OCEAN COUNTY UA			3,200					4,260	4,260	T 110830
178	340372-47 OCEAN COUNTY UA			2,000					2,718	2,718	T 110830
178	340372-51 OCEAN COUNTY UA			4,259					5,647		T 120830

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STATE OF NEW JERSEY

FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
178	340372-52 OCEAN COUNTY UA			280					402		T 120830
182	340709-02 CAMDEN COUNTY MUA			12,184					15,673		BEYOND12
183	340768-02 BERGEN COUNTY UA			12,184					15,673		BEYOND12
184	340547-03 RAHWAY VALLEY SA			4,482					5,938		BEYOND12
184	340547-08 RAHWAY VALLEY SA			1,250					1,713		BEYOND12
186	340902-08 GLOUCESTER COUNTY UA	1,280							1,753	1,753	T 110830
186	340902-10 GLOUCESTER COUNTY UA			200					289		T 120830
188	340661-15 CAPE MAY COUNTY MUA			200					289	289	T 110830
188	340661-16 CAPE MAY COUNTY MUA			180					261	261	T 110830
188	340661-18 CAPE MAY COUNTY MUA			150					218	218	T 110830
191	340949-05 PLAINFIELD AREA RSA			3,000					3,997		BEYOND12
192	340898-02 HAMILTON TOWNSHIP			10,010					13,012		BEYOND12
192	340898-04 HAMILTON TOWNSHIP			5,100					6,739		BEYOND12
192	340898-05 HAMILTON TOWNSHIP			2,250					3,032		BEYOND12
195	340700-06 NORTHWEST BERGEN CO UA			6,076					7,944		BEYOND12

All costs shown are in thousands ($1000's)

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Cat 5 -Correction of Combined Sewer Overflows
Cat 6 - Stormwater Management
Cat 7 - [illegible]

FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
196	340145-03 TOMS RIVER TOWNSHIP MUA			1,667					2,273		T 120830
196	340145-04 TOMS RIVER TOWNSHIP MUA			2,219					2,994		T 120830
198	340117-03 TWO RIVERS WRA			2,900					3,866		BEYOND12
198	340117-04 TWO RIVERS WRA				700				985		BEYOND12
200	340844-01 CLIFTON CITY			300					430	430	T 110830
201	340433-04 WOODBRIDGE TOWNSHIP			807					1,132		BEYOND12
202	340391-06 EWING LAWRENCE SA			2,000					2,718		BEYOND12
202	340391-09 EWING LAWRENCE SA				1,647				2,246	2,246	T 110830
204	340945-05 OLD BRIDGE MUA			1,600					2,183		BEYOND12
204	340945-11 OLD BRIDGE MUA			2,000					2,718	2,718	T 110830
206	340299-05 LINDEN ROSELLE SA			271					389		BEYOND12
207	340293-04 UNION TOWNSHIP				710				999		BEYOND12
208	340845-01 PASSAIC CITY			3,000					3,997		BEYOND12
209	340839-04 FRANKLIN TOWNSHIP SA				700				985		BEYOND12
209	340839-05 FRANKLIN TOWNSHIP SA			1,500					2,049		BEYOND12

All costs shown are in thousands ($1000's)

Cat 1 - Secondary/Sludge/Septage Treatment
Cat 2 - Advanced Treatment
Cat 3 - Sewer System Rehabilitation
Cat 4 - New Collectors, Interceptors & Appurtenances
Cat 5 -Correction of Combined Sewer Overflows
Cat 6 - Stormwater Management
Cat 7 - Nonpoint Source Management

STATE OF NEW JERSEY

FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
211	340393-07 WAYNE TOWNSHIP			1,500					2,049		BEYOND12
212	340435-09 PERTH AMBOY CITY			2,671					3,565		T 120830
213	340930-03 WASHINGTON TOWNSHIP MUA			683					962		BEYOND12
214	340168-01 EAST BRUNSWICK SA			1,350					1,847		BEYOND12
215	340953-02 JACKSON TOWNSHIP MUA			1,500					2,049		BEYOND12
215	340953-03 JACKSON TOWNSHIP MUA			680					957		T 120830
217	340969-01 BERKELEY TOWNSHIP			2,000					2,718		BEYOND12
218	340837-02 MONTCLAIR TOWNSHIP			246	574				1,150	1,150	T 110830
219	340895-01 WINSLOW TWP (SICKLERSVILLE)				1,473				2,013		BEYOND12
219	340895-07 WINSLOW TOWNSHIP			460					653		BEYOND12
221	340853-01 FORT LEE BOROUGH			481					682		BEYOND12
222	340859-01 ORANGE CITY			685					964		BEYOND12
223	340353-02 EGG HARBOR TOWNSHIP MUA			650					916		BEYOND12
223	340753-03 EGG HARBOR TOWNSHIP MUA			650					916		BEYOND12
225	340172-01 GARFIELD CITY			3,000					3,997		BEYOND12

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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
226	340423-03 MONROE MUA			1,649					2,249		BEYOND12
227	340750-10 OCEAN TOWNSHIP SA			1,000					1,396		T 120830
227	340750-11 OCEAN TOWNSHIP SA			3,730					4,954		T 120830
229	340459-05 PEQUANNOCK RIVER BASIN RSA			425					604		BEYOND12
230	340378-02 BERGENFIELD BOROUGH			1,925					2,618		BEYOND12
231	340769-02 BERGEN COUNTY UA (TRIBORO)			1,150					1,584		BEYOND12
232	340639-07 RIDGEWOOD VILLAGE	2,189		2,375					6,046		BEYOND12
233	340317-02 LODI BOROUGH			1,300					1,780		BEYOND12
234	340715-03 MADISON-CHATHAM JOINT MEETING			553					782		BEYOND12
235	340485-06 RARITAN TOWNSHIP MUA			1,098					1,520	1,520	T 110830
235	340485-07 RARITAN TOWNSHIP MUA			1,650					2,250		BEYOND12
237	340866-01 SOUTH BRUNSWICK TOWNSHIP			260					374		BEYOND12
238	340346-06 MEDFORD TOWNSHIP			2,420					3,242		BEYOND12
239	340408-01 SOUTH PLAINFIELD BOROUGH							320	458	458	T 110830
240	340404-06 LONG HILL TOWNSHIP			1,700					2,317		BEYOND12

All costs shown are in thousands ($1000's)

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
241	340968-01 HAZLET TOWNSHIP			650					916		BEYOND12
241	340443-05 EDGEWATER BOROUGH			2,301					3,091		BEYOND12
243	340906-03 HILLSIDE TOWNSHIP			791					1,110		BEYOND12
244	340314-01 ROSELLE BOROUGH			1,156					1,592		BEYOND12
244	340332-01 ROSELLE BOROUGH			2,250					3,032	3,032	T 110830
246	340939-01 CARTERET BOROUGH			5,500					7,234		BEYOND12
246	340939-06 CARTERET BOROUGH			4,600					6,093		T 120830
248	340903-03 HAMILTON TOWNSHIP MUA			409					583	583	T 110830
249	340947-04 WEST DEPTFORD TOWNSHIP			1,698					2,315		T 120830
250	340426-07 NORTH ARLINGTON-LYNDHURST JT MTG			1,500					2,049		BEYOND12
251	340710-04 MAPLE SHADE TOWNSHIP			1,256					1,721		BEYOND12
251	340710-06 MAPLE SHADE TOWNSHIP			22					32		BEYOND12
253	340912-02 MOORESTOWN TOWNSHIP			611					862		BEYOND12
254	340863-01 ELMWOOD PARK BOROUGH			700					985		BEYOND12
255	340829-01 BRIDGETON CITY			993					1,387		BEYOND12

All costs shown are in thousands ($1000's)

Cat 1 - Secondary/Sludge/Septage Treatment
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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
255	340829-02 BRIDGETON CITY			993					1,387		BEYOND12
257	340192-01 RUTHERFORD BOROUGH			500					708		BEYOND12
258	340922-01 DUMONT BOROUGH			2,717					3,625		BEYOND12
259	340400-03 STONY BROOK REGIONAL SA			393					560		BEYOND12
260	340313-01 PALISADES PARK BOROUGH			300					430		BEYOND12
261	340577-07 READINGTON TOWNSHIP			155					226		BEYOND12
262	340919-03 HOLMDEL TOWNSHIP							218	316		BEYOND12
263	340580-04 WARREN CO LOPAT SA			1,809					2,463		BEYOND12
264	340382-03 BERNARDS TOWNSHIP SA			337					482		BEYOND12
265	340620-06 BARNEGAT TOWNSHIP			375					535		BEYOND12
266	340889-01 DOVER TOWN			664					935		BEYOND12
267	340533-04 VERONA BOROUGH			1,054					1,465		BEYOND12
268	340855-01 SPRINGFIELD TOWNSHIP			1,054					1,465		BEYOND12
269	340946-05 STAFFORD TOWNSHIP			664					936		T 120830
270	340938-01 HIGHLAND PARK BOROUGH			3,242					4,315		BEYOND12

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
270	340234-01 ROSELLE PARK BOROUGH			113					166		BEYOND12
272	340717-05 CEDAR GROVE TOWNSHIP			260					374		BEYOND12
273	340766-02 PARSIPPANY-TROY HILLS TWP			35					51		BEYOND12
274	340381-05 ROXBURY TWP			962					1,344		BEYOND12
275	340329-01 HASBROUCK HEIGHTS BOROUGH			11,000					14,226		BEYOND12
275	340220-01 HADDONFIELD BOROUGH			1,493	355				2,517		BEYOND12
277	340200-01 WEST CALDWELL TOWNSHIP				185				268		BEYOND12
278	340703-05 FLORHAM PARK BOROUGH			1,000					1,396		BEYOND12
279	340862-01 WESTWOOD BOROUGH			690					971		BEYOND12
280	340716-04 LITTLE FALLS MUA			1,600					2,183		BEYOND12
281	340841-01 RIVER EDGE BOROUGH			320					458		BEYOND12
282	340780-02 WANAQUE VALLEY RSA/WANAQUE			1,136					1,567		BEYOND12
283	340326-04 SAYREVILLE BOROUGH			168					244		BEYOND12
284	340517-01 FAIRVIEW BOROUGH			1,100					1,522		BEYOND12
285	340425-01 LITTLE FERRY BOROUGH			3,700					4,915		BEYOND12

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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
286	340226-01 MAYWOOD BOROUGH			1,107			198		1,788	1,788	T 110830
287	340309-01 AUDUBON BOROUGH			779					1,094		BEYOND12
288	340362-04 HARRISON TOWNSHIP			790	714				2,054		BEYOND12
289	340877-01 HADDON HEIGHTS BOROUGH			976					1,364		BEYOND12
290	340914-01 BOGOTA BOROUGH			1,500			800		3,094		BEYOND12
291	340229-01 NORTH HALEDON BOROUGH			726					1,021		BEYOND12
292	340861-02 GLEN RIDGE BOROUGH			281					404		BEYOND12
293	340502-07 CARNEYS POINT TOWNSHIP			425					604		T 120830
294	340846-01 MONTVALE BOROUGH			71					104		BEYOND12
295	340305-02 BARRINGTON BOROUGH			1,000					1,396		BEYOND12
296	340227-01 MIDLAND PARK BOROUGH			488					693	693	T 110830
297	340816-03 BERNARDSVILLE BOROUGH			809					1,135		BEYOND12
298	340916-01 DUNELLEN BOROUGH			5,500					7,234		BEYOND12
299	340224-01 JAMESBURG BOROUGH			796					1,117		BEYOND12
300	340278-01 UNION BEACH BOROUGH			1,700					2,317		BEYOND12

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
301	340186-01 PROSPECT PARK BOROUGH			500					708		BEYOND12
302	340264-02 LOPATCONG TOWNSHIP			2,500					3,340		BEYOND12
303	340426-06 N ARLINGTON - LYNDHURST JT MTG			150					218		BEYOND12
303	340426-05 N ARLINGTON-LYNDHURST JT MTG			3,527					4,688		BEYOND12
303	340310-01 ROCHELLE PARK TOWNSHIP			1,653					2,255		BEYOND12
306	340338-04 SOMERDALE BOROUGH			310					444		BEYOND12
307	340840-01 SPRING LAKES HEIGHTS, BOROUGH OF			111					163		BEYOND12
308	340330-01 MORRIS PLAINS BOROUGH			335					479		BEYOND12
309	340106-02 NEPTUNE CITY BOROUGH			300					430		BEYOND12
310	340901-01 HIGHLANDS BOROUGH			622					877		BEYOND12
311	340129-01 FRANKLIN BOROUGH			2,000					2,718		BEYOND12
312	340502-05 PENNS GROVE SA			800					1,122		BEYOND12
313	340901-02 HIGHLANDS BOROUGH			100					147		BEYOND12
313	340361-01 ROSELAND BOROUGH			83					123		BEYOND12
315	340362-01 HARRISON TOWNSHIP	450		1,875					3,125		BEYOND12

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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
316	340326-07 SAYREVILLE BOROUGH				5,350				7,049		BEYOND12
317	340440-04 FLEMINGTON BOROUGH			1,200					1,645		BEYOND12
318	340319-01 MEDFORD LAKES BOROUGH			200					289		BEYOND12
319	340917-02 DELAWARE TOWNSHIP MUA			300					430		BEYOND12
320	340842-01 HIGH BRIDGE BOROUGH			160					243		BEYOND12
321	340504-02 STANHOPE BOROUGH			175					254		BEYOND12
322	340109-01 POHATCONG TOWNSHIP			498					706		BEYOND12
323	340023-04 LONG BEACH TOWNSHIP			1,650					2,250	2,250	T 110830
323	340023-05 LONG BEACH TOWNSHIP			2,299					3,093		T 120830
325	340956-02 DELANCO TOWNSHIP SA			1,355					1,854		BEYOND12
326	340419-01 NATIONAL PARK BOROUGH			1,137					1,569		T 120830
327	340257-02 WOODBURY HEIGHTS BOROUGH			1,345					1,841		BEYOND12
328	340659-01 SEA ISLE CITY			470					667		BEYOND12
329	340970-02 MOONACHIE BOROUGH		160	70					332		BEYOND12
330	340849-01 WOODLYNNE BOROUGH			3,203					4,264		BEYOND12

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
331	340324-01 ALPHA BOROUGH			450					639		BEYOND12
332	340335-01 AVON-BY-THE-SEA BOROUGH			2,782			200		3,973		BEYOND12
333	340966-03 LAVALETTE BOROUGH			1,856					2,526		BEYOND12
334	340966-02 LAVALETTE BOROUGH			300					430		BEYOND12
335	340713-02 WEYMOUTH TOWNSHIP MUA			400					570		BEYOND12
335	340083-02 SEASIDE PARK BOROUGH			3,656					4,859	4,859	T 110830
337	340822-01 PEAPACK & GLADSTONE BOROUGH			85					125		BEYOND12
338	340151-01 OCEAN GATE BOROUGH			322					462		T 120830
339	340738-03 WYCKOFF TOWNSHIP				11,220				14,494		BEYOND12
340	340567-04 ALLENTOWN BOROUGH	175		225					570		BEYOND12
341	340412-08 DEAL BOROUGH			900					1,259		BEYOND12
342	340176-01 ISLAND HEIGHTS BOROUGH			272					392		BEYOND12
342	340176-02 ISLAND HEIGHTS BOROUGH			69					102		BEYOND12
344	340590-02 BAY HEAD BOROUGH			1,635					2,230		BEYOND12
345	340935-02 MANSFIELD TOWNSHIP			100					147		BEYOND12

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Cat 7 [illegible]

FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
346	340761-02 ROOSEVELT BOROUGH			1,100					1,522		BEYOND12
347	340428-01 POINT PLEASANT BOROUGH			1,650					2,250		T 120830
348	340683-05 PASSAIC VALLEY SC	105,400							132,505		BEYOND12
348	340689-06 PASSAIC VALLEY SEWERAGE	50,000							63,223		BEYOND12
350	340372-48 OCEAN COUNTY UA	14,881							19,106		T 120830
351	340366-02 CAMDEN CITY	470							667		BEYOND12
352	340883-01 ASBURY PARK CITY	527							746		BEYOND12
353	340815-18 NEWARK CITY						1,200		1,645		BEYOND12
354	340820-03 LONG BRANCH SA	2,824							3,766		BEYOND12
355	340915-02 HIGHTSTOWN BOROUGH	325							465	465	T 110830
356	340372-50 OCEAN COUNTY UA	750							1,054		T 120830
357	340687-05 BERGEN COUNTY UA	29,802							37,834		BEYOND12
358	340686-03 ESSEX-UNION JOINT MEETING	15,000							19,257		BEYOND12
359	340818-04 BURLINGTON COUNTY BOARD OF	6,000							7,846		BEYOND12
360	340399-15 HUDSON COUNTY UA	15,603							20,024		BEYOND12

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
361	340900-01 HUDSON COUNTY UA (AREA I)				21,091				26,962		BEYOND12
362	340809-14 ATLANTIC COUNTY UA		3,520						4,679		BEYOND12
363	340405-04 ATLANTIC COUNTY UA	15,275							19,607		BEYOND12
363	340809-11 ATLANTIC COUNTY UA		5,800						7,602		BEYOND12
365	340661-06 CAPE MAY COUNTY MUA	9,457							12,302		BEYOND12
365	340661-09 CAPE MAY COUNTY MUA	267							384		BEYOND12
365	340661-19 CAPE MAY COUNTY MUA	180							261	261	T 110830
365	340661-20 CAPE MAY COUNTY MUA	180							261	261	T 110830
369	340390-05 WANAQUE VALLEY REG SA	10,000	6,000	1,000	3,000				25,607		BEYOND12
370	340410-09 NEPTUNE TOWNSHIP SA	10,000							13,000		BEYOND12
371	340819-02 MOUNT HOLLY SA	3,920							5,203		BEYOND12
372	340710-03 MAPLE SHADE TOWNSHIP	347							496		BEYOND12
373	340805-02 MILFORD BOROUGH	2,604		456					4,076		BEYOND12
374	340119-01 JERSEY CITY RA						2,224		3,000		BEYOND12
375	340701-10 WEST MILFORD TOWNSHIP							200	289		T 120830

All costs shown in thousands ($1000's)

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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
376	340965-01 ALLOWAY TOWNSHIP/QUINTON				7,640				9,963		BEYOND12
377	340946-02 STAFFORD TOWNSHIP				6,100				7,975		BEYOND12
378	340638-03 BRIDGEWATER TOWNSHIP			52	1,615				2,273		BEYOND12
379	340626-04 WEST WILDWOOD BOROUGH				37				55		BEYOND12
380	340781-03 RARITAN BOROUGH				387				551		BEYOND12
381	340927-03 HAMMONTON TOWN				3,752				4,983		BEYOND12
382	340661-07 CAPE MAY COUNTY MUA	1,691							2,305		BEYOND12
383	340945-04 OLD BRIDGE MUA				25,990				33,032		BEYOND12
384	340929-01 WAYNE TOWNSHIP				1,360				1,861		BEYOND12
385	340437-03 NEW BRUNSWICK CITY			675					950		BEYOND12
386	340892-02 GALLOWAY TOWNSHIP				4,300				5,700		BEYOND12
387	340895-02 WINSLOW TWP				2,003				2,722		BEYOND12
388	340875-01 VOORHEES TOWNSHIP				4,246				5,630		BEYOND12
389	340304-01 FREEHOLD TOWNSHIP				3,678				4,886		BEYOND12
390	340526-03 GLOUCESTER CO UA (MONROE)	1,310	562		281				2,911		BEYOND12

All costs shown are in thousands ($1000's)

Cat 1 - Secondary/Sludge/Septage Treatment
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Cat 4 - New Collectors, Interceptors & Appurtenances
Cat 5 -Correction of Combined Sewer Overflows
Cat 6 - Stormwater Management
Cat 7 - Nonpoint Source Management

STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
391	340485-04 RARITAN TOWNSHIP MUA	6,570							8,583		BEYOND12
392	340897-01 SOUTH BRUNSWICK TOWNSHIP				896				1,254		BEYOND12
393	340478-05 ROCKAWAY TOWNSHIP	5,549			8,077				17,510		BEYOND12
394	340931-02 MONTVILLE TOWNSHIP MUA				12,820				16,484		BEYOND12
395	340650-03 MANCHESTER TWP				6,872				8,972		BEYOND12
396	340382-02 BERNARDS TOWNSHIP SA				380				542		BEYOND12
397	340461-04 GLOUCESTER COUNTY UA (FRANKLIN				5,481				7,211		BEYOND12
398	340418-05 OAKLAND BOROUGH				32,200				40,854		BEYOND12
399	340745-02 VERNON TWP				5,050				6,677		BEYOND12
400	340434-02 WANAQUE BOROUGH				212				306		BEYOND12
401	340592-03 MAHWAH TOWNSHIP			182	6,862				9,194		BEYOND12
402	340700-11 NORTHWEST BERGEN COUNTY UA				4,850				6,419		BEYOND12
403	340760-03 WANTAGE TWP				402				572		BEYOND12
404	340403-05 CHATHAM TOWNSHIP	500							708		BEYOND12
405	340634-03 BLOOMINGDALE BOROUGH				2,842				3,790		BEYOND12

All costs shown are in thousands ($1000's)

Cat 1 - Secondary/Sludge/Septage Treatment
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Cat 6 - Stormwater Management
Cat 7 - Nonpoint Source Management

FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
406	340909-01 UPPER SADDLE RIVER, BOROUGH OF				991				1,384		BEYOND12
407	340404-05 LONG HILL TWP				11,221				14,495		BEYOND12
408	340650-05 MANCHESTER TOWNSHIP				10,644				13,791		BEYOND12
409	340957-01 FAIRFIELD TOWNSHIP				5,582				7,336		BEYOND12
410	340705-03 CARLSTADT SA				4,026				5,342		BEYOND12
411	340607-03 PLUMSTED TWP		5,150		3,600			4,420	16,930		BEYOND12
412	340737-01 MAHWAH TOWNSHIP	158							230		BEYOND12
413	340759-02 SUSSEX CO.	4,500	0		1,000				7,234		BEYOND12
414	340489-03 WHARTON BOROUGH				421				599		BEYOND12
415	340790-02 BERLIN TOWNSHIP				600				847		BEYOND12
416	340742-02 FRANKFORD TWP				2,007				2,727		BEYOND12
417	340568-02 BLAIRSTOWN TWP				1,092				1,512		BEYOND12
418	340729-01 RIVERDALE BOROUGH				1,273				1,744		BEYOND12
419	340473-01 RIVERDALE BOROUGH				3,265				4,345		BEYOND12
420	340592-06 MAHWAH TOWNSHIP			275	3,896				5,532		BEYOND12

All costs shown are in thousands ($1000's)

Cat 1 - Secondary/Sludge/Septage Treatment
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Cat 6 - Stormwater Management
Cat 7 - Nonpoint Source Management

STATE OF NEW JERSEY

FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
421	340652-06 NORTH BERGEN MUA				3,000				3,997		BEYOND12
422	340445-02 OXFORD TOWNSHIP				125				183		BEYOND12
423	340838-01 EVESHAM MUA	2,747							3,665		BEYOND12
424	340487-02 KINNELON BOROUGH				7,641				9,964		BEYOND12
425	340872-01 HOPE TOWNSHIP	356							508		BEYOND12
426	340480-06 PEQUANNOCK TOWNSHIP				7,152				9,333		BEYOND12
427	340930-01 WASHINGTON TOWNSHIP				2,496				3,335		BEYOND12
428	340650-06 MANCHESTER TOWNSHIP				2,500				3,340		BEYOND12
429	340619-03 UPPER TWP (STRATHMERE)				1,707				2,326		BEYOND12
430	340480-05 PEQUANNOCK TOWNSHIP				4,838				6,403		BEYOND12
431	340740-02 BRANCHVILLE BOROUGH				1,900				2,584		BEYOND12
432	340961-01 SOUTHAMPTON TOWNSHIP				1,806				2,459		BEYOND12
433	340959-02 NORTH ARLINGTON BOROUGH				500				708		BEYOND12
434	340831-01 SHAMONG TWP	1,988							2,702		BEYOND12
435	340271-01 MILLSTONE BOROUGH				2,500				3,340		BEYOND12

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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
436	340836-01 PLAINSBORO TOWNSHIP				1,530				2,089		BEYOND12
437	340918-01 CLAYTON BOROUGH(SILVER LAKE)				829				1,162		BEYOND12
438	340870-01 PENNSVILLE SA				1,581				2,157		BEYOND12
439	340833-01 BUENA BOROUGH MUA	509							721		BEYOND12
440	340480-03 PEQUANNOCK TOWNSHIP				1,200				1,645		BEYOND12
441	340594-02 LINCOLN PARK BOROUGH				3,189				4,245		BEYOND12
442	340433-08 WOODBRIDGE TOWNSHIP				25				36		BEYOND12
443	340689-17 PASSAIC VALLEY SEWERAGE							2,268	3,054		BEYOND12
444	340366-11 CAMDEN CITY						1,500		2,049		BEYOND12
445	340259-09 KEARNY MUA						1,560		2,129	2,129	T 110830
446	340635-03 HOBOKEN CITY						50		73		BEYOND12
447	340382-04 BERNARDS TOWNSHIP							1,410	1,928		BEYOND12
448	340029-03 SECAUCUS TOWN					1,650			2,250		BEYOND12
449	340146-02 RICHARD STOCKTON COLLEGE						2,230		3,007		BEYOND12
449	340146-03 RICHARD STOCKTON COLLEGE						21,000		26,849		BEYOND12

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
451	340778-04 TOTOWA BOROUGH			350					420		BEYOND12
452	340752-01 PLEASANTVILLE CITY			940					1,314	1,314	T 110830
452	340752-02 PLEASANTVILLE CITY			169	169		145		686		BEYOND12
454	340823-02 WATCHUNG BOROUGH				820				1,150		T 120830
455	340663-05 NORTH WILDWOOD CITY						1,314		1,800		BEYOND12
456	340506-02 CRANBURY TOWNSHIP				2,700				3,603		BEYOND12
457	340817-02 MOUNT HOLLY SA	1,102							1,525		BEYOND12
458	340902-01 GLOUCESTER COUNTY UA	3,723							4,945		BEYOND12
459	340801-03 SOMERSET-RARITAN VALLEY SA	1,054							1,465		BEYOND12
460	340844-03 CLIFTON CITY			3,300					4,391		T 120830
461	340945-08 OLD BRIDGE MUA				6,500				8,492	8,492	T 110830
462	340804-03 SALEM COUNTY BD OF CHOSEN	5,162							6,816		BEYOND12
463	340806-03 PARSIPPANY-TROY HILLS TWP	246							354		BEYOND12
464	340700-05 NORTHWEST BERGEN CO UA	1,683							2,294		BEYOND12
465	340935-03 MANSFIELD TOWNSHIP				8,750				11,392		BEYOND12

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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
466	340240-02 PLAINFIELD MUA				3,000				3,997		BEYOND12
467	340638-05 BRIDGEWATER TOWNSHIP						557		788		BEYOND12
468	340969-08 BERKELEY TOWNSHIP SA				4,633				6,137		BEYOND12
468	340969-09 BERKELEY TOWNSHIP SA				3,155				4,202		BEYOND12
470	340865-01 WEST ORANGE TOWNSHIP			8,466	847				12,117		BEYOND12
471	340832-02 MANASQUAN RIVER REG SA				3,467				4,610		BEYOND12
472	340282-01 HOPEWELL TOWNSHIP				18,685				23,940		BEYOND12
473	340954-01 CHERRY HILL TOWNSHIP			456	456				1,276		BEYOND12
474	340649-02 PEMBERTON TOWNSHIP MUA	5,000		3,500	1,500				13,800		BEYOND12
475	340895-04 WINSLOW TOWNSHIP (CEDAR BROOK)				3,000				3,997		BEYOND12
475	340895-05 WINSLOW TOWNSHIP (W. ATCO)				3,600				4,852		BEYOND12
477	340066-01 DEPTFORD TOWNSHIP MUA				1,223				1,677		BEYOND12
478	340847-05 CLIFFSIDE PARK BOROUGH			2,000					2,718		BEYOND12
479	340939-04 CARTERET BOROUGH				1,650				2,250		BEYOND12
480	340903-02 HAMILTON TOWNSHIP MUA				2,044				2,774		BEYOND12

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
481	340632-07 RANDOLPH TOWNSHIP			3,221	3,550				8,842		BEYOND12
482	340446-06 EDGEWATER BOROUGH				1,617				2,207		BEYOND12
483	340321-02 MONTCLAIR STATE UNIVERSITY			1,500	3,500				6,614		BEYOND12
484	340869-02 ABERDEEN TOWNSHIP				5,707				7,488		T 120830
485	340491-02 WEST WINDSOR TOWNSHIP				400				570		BEYOND12
486	340545-04 GLASSBORO BOROUGH				2,977				3,968		BEYOND12
487	340839-03 FRANKLIN TOWNSHIP (GLOUCESTER CO.)		1,200						1,645		BEYOND12
488	340495-04 SPARTA TOWNSHIP				2,081				2,821		BEYOND12
489	340803-03 HACKETTSTOWN MUA	451							641		BEYOND12
490	340919-02 HOLMDEL TOWNSHIP				32,050				40,665		BEYOND12
491	340778-05 WEST PATERSON BOROUGH				517				733		BEYOND12
491	340203-01 WOODLAND PARK				1,500				2,049		BEYOND12
493	340163-01 WATERFORD TOWNSHIP MUA				2,474				3,309		BEYOND12
494	340700-09 NORTHWEST BERGEN COUNTY UA				4,300				5,700	5,700	T 110830
495	340362-06 HARRISON TOWNSHIP	16,630							21,330		T 120830

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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
496	340830-01 BEDMINSTER TOWNSHIP		35,000						44,376		BEYOND12
497	340816-04 BERNARDSVILLE BOROUGH			455					646		BEYOND12
498	340258-01 CAPE MAY CITY				250				360		BEYOND12
499	340282-02 HOPEWELL TOWNSHIP				2,603				3,475		BEYOND12
500	340123-01 LOGAN TOWNSHIP MUA	7,500	6,000						17,350		BEYOND12
501	340235-02 SALEM CITY						1,119		1,546		BEYOND12
502	340664-04 WILDWOOD CITY						9,500		12,357		BEYOND12
503	340368-01 EAST GREENWICH TOWNSHIP				464				660		BEYOND12
503	340368-02 EAST GREENWICH TOWNSHIP				2,050				2,781		BEYOND12
505	340664-02 WILDWOOD CITY						1,831		2,492		BEYOND12
506	340518-05 BUENA BOROUGH MUA				3,942				5,232		BEYOND12
507	340370-01 WOODBINE MUA		6,212		3,500				12,630		BEYOND12
508	340078-01 WEYMOUTH TOWNSHIP MUA			162					236		BEYOND12
509	340359-01 GREENWICH TOWNSHIP		7,600		1,000				11,199		BEYOND12
510	340876-02 CHESTER BOROUGH	718	132						1,191		BEYOND12

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
511	340955-01 COMMERCIAL TOWNSHIP	4,200			2,854				9,207		BEYOND12
512	340649-04 PEMBERTON TOWNSHIP MUA							880	1,232		BEYOND12
513	340132-03 WILLINGBORO TOWNSHIP						1,948		2,649	2,649	T 110830
514	340488-06 HOPATCONG BOROUGH						400		570		BEYOND12
515	340794-06 DELRAN SA							871	1,220		BEYOND12
516	340170-05 CINNAMINSON TOWNSHIP							455	647		BEYOND12
517	340030-02 PALMYRA BOROUGH							238	343		BEYOND12
518	340815-12 NEWARK CITY				21		3,985	10,713	18,901	18,901	T 110830
519	340858-04 CRANFORD TOWNSHIP						2,200		2,969		BEYOND12
519	340858-05 CRANFORD TOWNSHIP						130		190		BEYOND12
521	340967-02 MATAWAN BOROUGH						3,310		4,404		BEYOND12
521	340967-03 MATAWAN BOROUGH							200	289		BEYOND12
523	340788-05 MONMOUTH COUNTY BOARD OF							655	923		BEYOND12
524	340525-01 CAMDEN COUNTY BOARD OF							560	792		BEYOND12
524	340525-02 CAMDEN COUNTY DEPARTMENT OF							1,235	1,693		BEYOND12

All costs shown are in thousands ($1000's)

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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
524	340525-03 CAMDEN COUNTY DEPARTMENT OF							552	781		BEYOND12
527	340280-01 UNION COUNTY						3,776		5,015		BEYOND12
528	340818-05 BURLINGTON COUNTY BRIDGE COMM.						4,500		5,962		BEYOND12
529	340815-11 NEWARK CITY				51		2,175	17,201	24,882		BEYOND12
530	340156-01 ATLANTIC COUNTY						814		1,141		BEYOND12
531	340809-18 ATLANTIC COUNTY UA							1,700	2,317	2,317	T 110830
531	340809-19 ATLANTIC COUNTY UA							1,100	1,522		BEYOND12
531	340809-20 ATLANTIC COUNTY UA						400		570		BEYOND12
534	340145-02 TOMS RIVER TOWNSHIP						750		1,054		BEYOND12
535	340844-04 CLIFTON CITY							1,715	2,337	2,337	T 110830
536	340097-01 MIDDLETOWN TOWNSHIP							3,000	3,997	3,997	T 110830
536	340097-03 MIDDLETOWN TOWNSHIP						100		147		BEYOND12
538	340364-07 GLOUCESTER TOWNSHIP						1,375		1,881	1,881	T 110830
538	340364-08 GLOUCESTER TOWNSHIP							610	861	861	T 110830
540	340421-01 NJ WATER SUPPLY AUTHORITY							44,100	55,818		T 120830

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
541	340240-01 PLAINFIELD CITY							70	103		BEYOND12
541	340240-03 PLAINFIELD CITY						961		1,343		BEYOND12
541	340240-05 PLAINFIELD CITY						41		60		BEYOND12
544	340943-04 MOUNT LAUREL TOWNSHIP							8,000	10,426		BEYOND12
545	340969-10 BERKELEY TOWNSHIP						644		773	773	T 110830
545	340969-11 BERKELEY TOWNSHIP						275		395	395	T 110830
545	340969-12 BERKELEY TOWNSHIP						644		908		T 120830
548	340650-07 MANCHESTER TOWNSHIP						350		500		BEYOND12
549	340410-06 NEPTUNE TOWNSHIP							500	708		BEYOND12
549	340410-07 NEPTUNE TOWNSHIP						4,000		5,308		BEYOND12
549	340410-08 NEPTUNE TOWNSHIP						1,000		1,396		BEYOND12
552	340397-01 EWING TOWNSHIP							325	465		BEYOND12
552	340397-03 EWING TOWNSHIP							126	185		BEYOND12
554	340892-03 GALLOWAY TOWNSHIP						1,600		2,183	2,183	T 110830
554	340892-07 GALLOWAY TOWNSHIP							503	714		BEYOND12

All costs shown are in thousands ($1000's)

Cat 1 - Secondary/Sludge/Septage Treatment
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Cat 6 - Stormwater Management
Cat 7 - [illegible]

FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
556	340423-04 MONROE TOWNSHIP						220		318		BEYOND12
557	340268-01 MARLBORO TOWNSHIP						6,300	1,000	9,524		BEYOND12
558	340546-03 RAHWAY CITY					538	531		1,483		BEYOND12
559	340750-04 OCEAN TOWNSHIP						855		1,198		BEYOND12
560	340283-02 MAPLEWOOD TOWNSHIP						4,130		5,479		BEYOND12
561	340346-02 MEDFORD TOWNSHIP						3,600		4,784		BEYOND12
562	340968-02 HAZLET TOWNSHIP						290		416		BEYOND12
562	340968-03 HAZLET TOWNSHIP							95	140		BEYOND12
564	340906-04 HILLSIDE TOWNSHIP				222		305		748		BEYOND12
565	340537-05 MOUNT OLIVE TOWNSHIP						904		1,266		BEYOND12
566	340922-05 DUMONT BOROUGH						3,600		4,784		BEYOND12
567	340385-03 BERKELEY HEIGHTS TOWNSHIP						350		500		BEYOND12
568	340946-04 STAFFORD TOWNSHIP							3,743	4,972		T 120830
569	340938-02 HIGHLAND PARK BOROUGH						335		479		BEYOND12
570	340927-04 HAMMONTON TOWN						170		247		BEYOND12

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
571	340157-01 RINGWOOD BOROUGH							325	465		BEYOND12
572	340474-01 NEW PROVIDENCE BOROUGH						150		180		BEYOND12
573	340329-02 HASBROUCK HEIGHTS BOROUGH						5,000		6,614		BEYOND12
574	340118-03 KEANSBURG BOROUGH						1,350		1,847		BEYOND12
575	340163-02 WATERFORD TOWNSHIP							350	500		BEYOND12
576	340716-05 LITTLE FALLS TOWNSHIP						882		1,235		BEYOND12
576	340716-06 LITTLE FALLS TOWNSHIP						830		1,163	1,163	T 110830
578	340817-05 MOUNT HOLLY TOWNSHIP							115	169	169	T 110830
579	340208-01 BEACHWOOD BOROUGH						290		416		BEYOND12
580	340188-01 RIVER VALE TOWNSHIP						850		1,191		BEYOND12
581	340126-01 MILLSTONE TOWNSHIP							250	360		BEYOND12
582	340569-03 BYRAM TOWNSHIP							150	218		BEYOND12
582	340569-04 BYRAM TOWNSHIP							127	186		BEYOND12
584	340166-01 EDGEWATER PARK TOWNSHIP						1,500		2,049		BEYOND12
585	340265-01 BOONTON TOWN						250		360		BEYOND12

All costs shown are in thousands ($1000's)

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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
586	340914-02 BOGOTA BOROUGH							300	430		BEYOND12
586	340914-03 BOGOTA BOROUGH						5,000		6,614		BEYOND12
588	340146-01 RICHARD STOCKTON COLLEGE						420		597		BEYOND12
588	340146-04 RICHARD STOCKTON COLLEGE						857		1,201		BEYOND12
590	340239-01 WOOD-RIDGE BOROUGH						455		646		BEYOND12
591	340267-01 KEYPORT BOROUGH						150	100	360		BEYOND12
592	340374-01 CRESSKILL BOROUGH						310		444		BEYOND12
593	340105-01 WESTAMPTON TOWNSHIP						200		289		BEYOND12
594	340217-01 LINWOOD CITY						665		937	937	T 110830
594	340217-02 LINWOOD CITY						1,600		2,183	2,183	T 110830
596	340164-01 PAULSBORO BOROUGH						687		967		BEYOND12
597	340209-02 BELMAR BOROUGH						403		574		BEYOND12
597	340209-03 BELMAR BOROUGH						64		94		BEYOND12
599	340308-01 BERLIN BOROUGH						500		708		BEYOND12
599	340308-02 BERLIN BOROUGH				290			220	722		BEYOND12

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
601	340790-03 BERLIN TOWNSHIP						853	88	1,317		BEYOND12
602	340338-03 SOMERDALE BOROUGH						952		1,331		BEYOND12
603	340169-01 ENGLEWOOD CLIFFS BOROUGH			300					430		BEYOND12
604	340446-07 EDGEWATER BOROUGH						2,000		2,718		BEYOND12
605	340159-01 MENDHAM BOROUGH							220	318		BEYOND12
605	340159-02 MENDHAM BOROUGH						132		193		BEYOND12
607	340901-04 HIGHLANDS BOROUGH						552		781		BEYOND12
608	340361-02 ROSELAND BOROUGH						1,000		1,396		BEYOND12
608	340901-03 HIGHLANDS BOROUGH						3,230		4,299	4,299	T 110830
610	340223-01 HARRINGTON PARK BOROUGH							300	430	430	T 110830
611	340541-04 MOUNT ARLINGTON BOROUGH						91		134		BEYOND12
612	340856-01 EGG HARBOR TOWNSHIP						1,944		2,643		BEYOND12
613	340285-03 MAGNOLIA BOROUGH				48		270		455		BEYOND12
614	340285-04 MAGNOLIA BOROUGH						108		159		BEYOND12
615	340319-02 MEDFORD LAKES BOROUGH						250		360		BEYOND12

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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
616	340210-01 BETHLEHEM TOWNSHIP						75		110		BEYOND12
616	340210-02 BETHLEHEM TOWNSHIP							280	402		BEYOND12
618	340842-02 HIGH BRIDGE BOROUGH							110	162		BEYOND12
618	340842-03 HIGH BRIDGE BOROUGH						5,200		6,863		BEYOND12
620	340504-03 STANHOPE BOROUGH							100	147		BEYOND12
621	340149-02 HAMBURG BOROUGH						400		570		BEYOND12
622	340263-01 LAWNSIDE BOROUGH						132		193		BEYOND12
623	340966-04 LAVALETTE BOROUGH						282		405		BEYOND12
624	340729-02 RIVERDALE BOROUGH						200		289		BEYOND12
625	340165-01 LIBERTY TOWNSHIP							101	148		BEYOND12
626	340335-02 AVON BY THE SEA BOROUGH						250		360		BEYOND12
627	340248-01 PINE BEACH BOROUGH						202		293		BEYOND12
628	340738-04 WYCKOFF TOWNSHIP							375	535		BEYOND12
629	340077-01 SEA BRIGHT BOROUGH			100	50		2,650	30	3,774		BEYOND12
630	340339-01 TETERBORO BOROUGH						870		1,219		BEYOND12

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
631	342012-02 MIDDLESEX COUNTY UA							3,700	4,915		BEYOND12
632	340815-15 NEWARK CITY					433	1,547	10,555	16,123		BEYOND12
633	343069-01 JERSEY CITY							10,000	13,000		BEYOND12
634	340366-05 CAMDEN CITY							5,000	6,614		BEYOND12
635	342009-01 BAYONNE LOCAL REDEVELOPMENT							2,957	3,941		BEYOND12
636	342017-01 CAPE MAY COUNTY MUA							678	954		BEYOND12
637	343077-01 WEEHAWKEN TOWNSHIP							11,500	14,834	14,834	T 110830
638	343076-01 STAFFORD TOWNSHIP							5,055	6,683		BEYOND12
639	343008-01 PRINCETON TOWNSHIP							3,500	4,653		BEYOND12
640	343041-01 WILDWOOD CREST BOROUGH							3,000	3,997		BEYOND12
641	342018-01 BRICK TOWNSHIP							11,000	14,226		BEYOND12
642	340094-01 HUDSON COUNTY IA							5,000	6,614		BEYOND12
643	342011-02 BELLMAWR BOROUGH							52,490	66,350	66,350	T 110830
644	343054-08 NJ WATER SA							2,622	3,501	3,501	T 110830
644	343054-09 NJ WATER SUPPLY AUTHORITY							2,271	3,058		T 120830

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FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
646	343004-03 MERCER COUNTY							800	1,122		BEYOND12
647	342016-01 GLOUCESTER COUNTY IA							993	1,388		BEYOND12
648	343074-01 GLOUCESTER COUNTY IA							1,500	2,049		BEYOND12
649	342001-02 ATLANTIC COUNTY UA							4,500	5,962		BEYOND12
650	342014-01 PASSAIC VALLEY WC							1,200	1,645		BEYOND12
651	342008-01 SUSSEX COUNTY MUA							1,800	2,451		BEYOND12
652	343035-01 WARREN COUNTY							2,374	3,185		BEYOND12
653	343027-02 EDISON TOWNSHIP							43,826	55,475		BEYOND12
654	343051-02 HAMILTON TOWNSHIP							1,247	1,709		BEYOND12
655	343010-02 BRICK TOWNSHIP							3,264	4,345		BEYOND12
656	343021-02 MIDDLETOWN TOWNSHIP							2,380	3,193		BEYOND12
657	343043-02 OLD BRIDGE TOWNSHIP							3,000	3,997		BEYOND12
658	343014-01 GLOUCESTER TOWNSHIP							949	1,328		BEYOND12
659	343055-01 NJ WATER SA (MANASQUAN BASIN)							10,000	13,000		BEYOND12
660	340240-04 PLAINFIELD CITY							53	78		BEYOND12

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
661	343044-01 WASHINGTON TOWNSHIP (GLOUCESTER							725	1,019		BEYOND12
662	343017-01 FRANKLIN TOWNSHIP							16,863	21,625		BEYOND12
663	343023-02 EVESHAM TOWNSHIP							433	616		BEYOND12
664	343075-01 SAYERVILLE BOROUGH							25,000	31,783		BEYOND12
665	343011-01 HOWELL TOWNSHIP							1,500	2,049		BEYOND12
666	343024-01 HACKENSACK CITY							519	735		BEYOND12
667	343059-01 MARLBORO TOWNSHIP							3,000	3,997		BEYOND12
668	342003-01 EVESHAM TOWNSHIP							2,200	3,055		BEYOND12
669	343039-01 MANALAPAN TOWNSHIP							2,600	3,471		BEYOND12
670	343015-01 MOUNT LAUREL TOWNSHIP							3,135	4,174		BEYOND12
671	343018-01 FREEHOLD TOWNSHIP							2,000	2,718		BEYOND12
672	343005-02 WEST WINDSOR TOWNSHIP							6,669	8,712		BEYOND12
673	343060-01 BURLINGTON TOWNSHIP							429	610		BEYOND12
674	343007-01 RANDOLPH TOWNSHIP							8,370	10,903		BEYOND12
675	343022-01 MORRIS TOWNSHIP							2,000	2,718		BEYOND12

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676	343025-01 POINT PLEASANT BOROUGH							460	654		BEYOND12
677	343034-04 READINGTON TOWNSHIP							10,815	14,000		BEYOND12
678	343012-01 CLINTON TOWNSHIP							9,605	12,493		BEYOND12
679	343003-01 HANOVER TOWNSHIP							9,000	11,714		BEYOND12
680	343042-01 BRIGANTINE CITY							5,000	6,614		BEYOND12
681	343070-01 OAKLAND BOROUGH							12,060	15,516		BEYOND12
682	343068-01 MARLTON/BURLINGTON COUNTY BCF							52	76		BEYOND12
683	343029-01 MONTGOMERY TOWNSHIP							3,454	4,594		BEYOND12
684	343064-01 RIVER VALE TOWNSHIP							5,000	6,614		BEYOND12
685	343016-01 CHATHAM TOWNSHIP							2,000	2,718		BEYOND12
686	343001-01 FLORHAM PARK BOROUGH							7,500	9,782		BEYOND12
687	343036-01 BORDENTOWN TOWNSHIP							10,447	13,550		BEYOND12
688	343047-01 BYRAM TOWNSHIP							1,400	1,915		BEYOND12
689	343038-01 EDGEWATER PARK TOWNSHIP							100	147		BEYOND12
690	343052-01 MILLTOWN BOROUGH							3,500	4,653		BEYOND12

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STATE OF NEW JERSEY
FINAL FEDERAL FISCAL YEAR 2012 PROJECT PRIORITY LIST

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691	343067-01 ALLENDALE BOROUGH							5,200	6,863		BEYOND12
692	343040-01 MANSFIELD TOWNSHIP							1,196	1,641		BEYOND12
693	343019-01 PLUMSTED TOWNSHIP							6,800	8,879		BEYOND12
694	342004-01 FAIRFIELD TOWNSHIP							1,200	1,645		BEYOND12
695	343073-01 POINT PLEASANT BEACH BOROUGH							15,000	19,257		BEYOND12
696	343009-01 MILLSTONE TOWNSHIP							9,000	11,714		BEYOND12
697	343026-01 EASTAMPTON TOWNSHIP							3,000	3,997		BEYOND12
698	343031-01 MENDHAM TOWNSHIP							4,000	5,308		BEYOND12
699	343062-01 EAST AMWELL TOWNSHIP							350	500		BEYOND12
700	343045-01 CAPE MAY CITY							4,000	5,308		BEYOND12
701	343072-02 HIGH BRIDGE BOROUGH							4,200	5,570		BEYOND12
702	343053-01 MINE HILL TOWNSHIP							1,000	1,396		BEYOND12
703	342019-01 NATIONAL PARK BOROUGH							9,675	12,583		T 120830
704	343049-01 PEAPACK & GLADSTONE BOROUGH							750	1,054		BEYOND12
705	342002-01 ESTELL MANOR CITY							1,140	1,572		BEYOND12

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Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs) Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Total Eligible Project Costs	Total State Amount	Est St Cert Date
706	340416-13 TRENTON CITY							7,740	10,091		BEYOND12
707	340044-01 CAMDEN REDEVELOPMENT AGENCY							137,500	172,309		BEYOND12
708	340111-02 NJ CITY UNIVERSITY/JERSEY CITY MUA							26,000	33,044	33,044	T 110830
709	340051-05 BAYONNE LRA						1,800		2,451		BEYOND12
709	340051-06 BAYONNE LRA						2,600		3,471		BEYOND12
709	340051-07 BAYONNE LRA						5,400		7,111		BEYOND12
712	340942-06 ELIZABETH CITY							2,500	3,340		BEYOND12
712	340942-10 ELIZABETH CITY						275	7,325	9,911		BEYOND12
714	340087-01 TRENTON CITY/MCIA						1,300	800	2,844		BEYOND12
715	340044-02 CAMDEN REDEVELOPMENT AGENCY			16,300	19,500				45,383		BEYOND12
715	340044-03 CAMDEN REDEVELOPMENT AGENCY							10,000	13,000		BEYOND12
717	340652-08 NORTH BERGEN TOWNSHIP							3,000	3,997		BEYOND12
718	340437-12 NEW BRUNSWICK							2,500	3,340		BEYOND12
719	340883-05 ASBURY PARK CITY			11,322					14,618		T 120830
720	340341-05 HARRISON TOWN/HUDSON COUNTY IA							25,000	31,783		BEYOND12

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721	340124-01 UNION COUNTY IA						2,000	16,000	23,069		BEYOND12
722	340107-01 MORRIS COUNTY							10,000	13,000		BEYOND12
723	342016-02 GLOUCESTER COUNTY IA							4,500	5,962		BEYOND12
724	342015-01 CUMBERLAND COUNTY IA							20,000	25,607		BEYOND12
724	342015-02 CUMBERLAND COUNTY IA							1,500	2,049		BEYOND12
726	342017-03 CAPE MAY COUNTY MUA							22,500	28,706	28,706	T 110830
727	342017-02 CAPE MAY COUNTY MUA							4,800	6,354		BEYOND12
728	340435-07 PERTH AMBOY RA							29,000	36,825		BEYOND12
729	340395-02 LAWRENCE TOWNSHIP							14,284	18,347		BEYOND12
730	340939-07 CARTERET BOROUGH							11,510	14,846		T 120830
731	340037-01 EAST AMWELL							450	639		BEYOND12
732	340349-04 PENNSAUKEN TOWNSHIP				3,247			40,543	55,431		BEYOND12
733	340103-01 SOUTH ORANGE VILLAGE TOWNSHIP							1,500	2,049		BEYOND12
734	340433-10 WOODBRIDGE TOWNSHIP							7,625	9,943		BEYOND12
735	340652-11 NORTH BERGEN MUA	1,813							2,468	2,468	T 110830

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Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
736	340435-08 PERTH AMBOY RA							15,000	19,257		BEYOND12
737	340923-09 HACKENSACK CITY						1,000	6,350	9,589		BEYOND12
738	340134-01 SAYREVILLE ERA				5,000			35,000	50,664		BEYOND12
739	340679-02 LINDEN CITY				256		3,737	8,700	16,322		BEYOND12
740	340243-01 BELLEVILLE TOWNSHIP							5,698	7,478		BEYOND12
741	340113-01 UNION COUNTY I A (SCOTCH PLAINS)						1,350		1,847		BEYOND12
742	340874-06 PHILLIPSBURG RA			1,388			1,485	4,186	9,215		BEYOND12
743	342013-01 SOMERVILLE BOROUGH						4,100	4,100	10,684		BEYOND12
744	340102-01 MILLTOWN BOROUGH							5,000	6,614		BEYOND12
745	340339-02 TETERBORO BOROUGH							17,070	21,889		BEYOND12
745	340339-03 TETERBORO BOROUGH				26,389				33,535		BEYOND12

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Appendix E

Interim Financing Program Drinking Water Eligibility List

NEW JERSEY ENVIRONMENTAL INFRASTRUCTURE FINANCING PROGRAM

State Fiscal Year 2013 Financing Program

Drinking Water Project Eligibility List

RANK	SYSTEM NAME	COUNTY	PROJECT DESCRIPTION	PROJECT NUMBER	POP. SERVED	BUILDING COST	SUPPORT COST	TOTAL PROJECT COST	EST. STATE CERT. DATE (yymmdd)
1	**Newark City**	**Essex**	**Construction of a cover for the Cedar Grove Reservoir**	**0714001-012**	**280,000**	**$50,000,000**	**$12,730,000**	**$62,730,000**	**140730**
2	**Passaic Valley WC**	**Passaic**	**Decommission the Levine Finished Water Reservoir and construct a new 5 MG water storage tank**	**1605002-014**	**314,900**	**$10,000,000**	**$3,330,000**	**$13,330,000**	**140730**
3	Hopatcong Borough	Sussex	Installation of 48-inch pipe at wells to increase chlorine contact time at nine wells	1912001-009	7,900	$750,000	$337,500	$1,087,500	**140730**
4	Winslow Township	Camden	Add radium removal treatment at existing wells # 3, 7 & 9 in accordance with ACO	0436007-007	28,250	$3,074,715	$683,975	$3,758,690	**120401**
5	**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**	**458,959**	**$25,000,000**	**$7,230,000**	**$32,230,000**	**140730**
6	Aqua NJ - Hamilton	Mercer	Addition of radium treatment at Well 9 to resolve MCL exceedance	1103001-005	49,000	$583,100	$267,423	$850,523	**140730**
7	North Shore Water Association	Sussex	Installation of ion exchange treatment for nitrate removal	1904004-001	105	$260,000	$52,000	$312,000	**130430**
8	Vineland City	Cumberland	Treatment for radium removal for well #14	0614003-010	33,000	$2,854,500	$1,043,440	$3,897,940	**130430**
9	Belleville Township	Essex	Installation of lead corrosion control measures at four interconnections	0701001-004	35,928	$400,000	$180,000	$580,000	**140730**
10	Belleville Township	Essex	Replacement of 7,000 lead service lines	0701001-003	35,928	$14,000,000	$4,370,000	$18,370,000	**140730**
11	Monroe Township	Middlesex	Installation of WRT treatment to remove radionuclides at wells # 17 & 19 WTP to address NOV	1213002-001	33,000	$3,599,760	$1,117,199	$4,716,959	**120401**
12	Winslow Township	Camden	Add radium removal treatment at existing wells 1 and 8 to correct Maximum Contaminant Level violations	0436007-006	26,564	$4,953,080	$1,714,986	$6,668,066	**140730**
13	Pemberton Township	Burlington	installation of generator, iron treatment, pump, wellhouse and fence at well #12 in accordance with ACO	0329004-002	12,400	$135,500	$81,490	$216,990	**120401**
14	Pemberton Township	Burlington	Installation of radium treatment on well # 11 in accordance with ACO	0329004-004	12,400	$2,295,000	$825,600	$3,120,600	**140730**
15	Upper Deerfield Twp	Cumberland	Radium Treatment Removal for Love Lane WTP (wells # 3 & 4)	0613004-001	4,500	$2,200,000	$834,000	$3,034,000	**140730**

RANK	SYSTEM NAME	COUNTY	PROJECT DESCRIPTION	PROJECT NUMBER	POP. SERVED	BUILDING COST	SUPPORT COST	TOTAL PROJECT COST	EST. STATE CERT. DATE (yymmdd)
16	Sea Village Marina	Atlantic	Installation of 4,500 LF of water main to connect with NJAWCo to resolve a contaminated source issue in accordance with ACO	0108021-002	175	$725,000	$364,250	$1,089,250	120401
17	Newark City	Essex	Backwash, chlorination system & sludge lagoon upgrades at Pequannock WTP	0714001-016	280,000	$6,658,000	$2,260,600	$8,918,600	120401
18	Ramsey Board of Public Utilities	Bergen	Arsenic treatment system at the Spring Street Treatment Facility	0248001-009	16,350	$422,903	$228,977	$651,880	140730
19	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	15,726	$350,000	$28,000	$378,000	140730
20	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	50	$113,576	$47,001	$160,577	140730
21	Newark City	Essex	Upgrade transmission mains to gravity feed 260A Zone to 360 Zone	0714001-017	280,000	$971,100	$437,000	$1,408,100	120401
22	Newark City	Essex	Cleaning & lining of 58,000 LF of 6, 8 & 12-inch water mains	0714001-015	280,000	$7,540,000	$2,542,800	$10,082,800	130430
23	Camden City	Camden	Replacement of water mains on South Merrimac Road and New Hampshire Road	0408001-004	50,000	$4,100,000	$1,442,000	$5,542,000	140730
24	Camden City	Camden	Rehabilitate the North Camden pump station	0408001-006	50,000	$500,000	$225,000	$725,000	140730
25	Atlantic City MUA	Atlantic	Installation of solar system at offices and at WTP	0102001-005	47,011	$4,000,000	$1,410,000	$5,410,000	130430
26	Aqua NJ-Eastern	Ocean	Replacement of 4,340 LF of water main with 8" main on Amherst St	1505002-001	10,300	$570,000	$236,130	$806,130	120401
27	North Jersey District WS	Passaic	Retrofit Sedimentation basins 5 and 6 with Dissolved Air Flotation Treatment (DAF)	1613001-022	458,959	$5,000,000	$1,730,000	$6,730,000	140730
28	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 S	1613001-020	458,959	$4,250,000	$1,490,000	$5,740,000	140730

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29	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	458,959	$1,000,000	$450,000	$1,450,000	140730
30	North Jersey District WS	Passaic	Construction of a 6 MG baffled clearwell and rehab of an existing clearwell to include baffles	1613001-014	458,959	$5,000,000	$1,730,000	$6,730,000	140730
31	North Jersey District WS	Passaic	Improvement of chemical feed equipment, pressure gauges, meters and alarms for increased security measures	1613001-012	458,959	$500,000	$225,000	$725,000	140730
32	Newark City	Essex	Removal and disposal of sludge from lagoon	0714001-013	280,000	$3,000,000	$1,090,000	$4,090,000	140730
33	Newark City	Essex	Construction of an ozonation facility	0714001-001	280,000	$10,000,000	$3,330,000	$13,330,000	140730
34	Jersey City/Jersey City MUA	Hudson	Improvements to gravity feed raw water to WTP to save on energy costs	0906001-008	247,000	$5,400,000	$1,858,000	$7,258,000	130430
35	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	50,000	$919,790	$354,102	$1,273,892	140730
36	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	50,000	$245,277	$94,427	$339,704	140730
37	Egg Harbor City	Atlantic	Replacement of a water treatment plant	0107001-002	4,700	$8,500,000	$2,234,370	$10,734,370	140730
38	North Jersey District WS	Passaic	Construct a 48 inch by-pass main and rehabilitate the single 70+ yr old 74 inch aqueduct	1613001-006	458,959	$15,000,000	$4,630,000	$19,630,000	140730
39	North Jersey District WS	Passaic	Rehab of the Kearny/Bayonne Transmission main	1613001-009	458,959	$5,600,000	$1,922,000	$7,522,000	140730
40	Newark City	Essex	Replacement of 12,000 Lead service lines	0714001-009	280,000	$30,000,000	$8,530,000	$38,530,000	140730
41	Newark City	Essex	Cleaning and lining of water mains, upgrading 4 inch mains to 6 & 8 inch mains, replace old fire hydrants	0714001-008	280,000	$24,800,000	$7,178,000	$31,978,000	140730
42	Newark City	Essex	Rehab of 42-inch Steel water main including cleaning & lining	0714001-002	280,000	$3,000,000	$1,090,000	$4,090,000	140730

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43	Jersey City/Jersey City MUA	Hudson	Clean & Line 30,000 LF of 6, 8, 10 and 12" and 6,000 LF of 36 " main including the replacement of 1,800 LF of 8" main	0906001-007	247,000	$11,000,000	$3,590,000	$14,590,000	130430
44	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	50,000	$7,358,322	$2,832,808	$10,191,130	140730
45	Camden City	Camden	Cleaning & Lining of distribution and transmission mains on Cooper, Federal, Arch & Market Streets, Delaware Ave., Riverside & Aquarium Drives	0408001-013	50,000	$7,971,514	$3,068,877	$11,040,391	140730
46	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	50,000	$567,000	$255,150	$822,150	140730
47	Bridgeton City	Cumberland	Replacement of 2,190 LF of 6 inch with 8 inch main	0601001-005	22,770	$1,723,000	$534,600	$2,257,600	140730
48	Hammonton Town	Atlantic	Northwest Hammonton Water Main Extension for contaminated private wells	0113001-004	11,215	$3,749,609	$1,601,000	$5,350,609	120401
49	New Brunswick City	Middlesex	Repairs to 3 pumping stations including replacement of pumps, motors and control systems	1214001-004	50,000	$2,960,000	$1,077,200	$4,037,200	140730
50	Colonial Estates	Gloucester	6,800 LF of water main to connect to Monroe Twp MUA for Capacity Development	0811003-002	1,850	$1,153,090	$1,681,996	$2,835,086	120401
51	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	458,959	$12,000,000	$3,850,000	$15,850,000	140730
52	Newark City	Essex	Construction of a hydro-electric facility at the pre-treatment plant screen building	0714001-007	280,000	$6,000,000	$2,050,000	$8,050,000	140730
53	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	50,000	$1,238,200	$35,692	$1,273,892	140730

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54	Long Beach Township (Brant Beach)	Ocean	Replacement of 12,000 LF of water main in Brant Beach section	1517001-013	52,266	$2,466,545	$919,294	$3,385,839	130430
55	Aqua NJ - Northern	Warren	Replacement of 2,250 LF of 6 & 8" water main on Ohio Ave	2119001-007	33,450	$337,050	$156,196	$493,246	120401
56	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	26,877	$243,890	$52,682	$296,572	140730
57	Manchester Utilities Authority	Passaic	Replace mains, valves & hydrants. Install pressure reducing and insertion valves. Rehabilitate pipe at stream crossing	1603001-011	12,275	$796,000	$358,200	$1,154,200	130430
58	**Passaic Valley WC**	**Passaic**	**Upgrade residual treatment process to include belt thickners**	**1605002-018**	**314,900**	**$5,000,000**	**$1,730,000**	**$6,730,000**	140730
59	NJ American Water Co.-Short Hills	Essex	Replacement of Canoe Brook Treatment Plant	0712001-005	217,230	$71,790,956	$6,209,044	$78,000,000	120401
60	Southeast Monmouth MUA	Monmouth	Improvements to chemical storage system, recycle lagoon sytem and a new 2 MG ground level tank at Manasquan WTP	1352005-005	43,500	$6,732,623	$1,667,542	$8,400,165	130430
61	Mahwah Township	Bergen	Rehabilitation of Ford Wellfield treatment, pumps & motors, electrical, SCADA and transmission mains	0233001-006	24,062	$4,600,000	$1,585,268	$6,185,268	140730
62	**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**	**458,959**	**$2,500,000**	**$930,000**	**$3,430,000**	140730
63	**North Jersey District WS**	**Passaic**	**Security system improvements - Relocation of Wanaque WTP main entrance gate closer to Ringwood Blvd**	**1613001-018**	**458,959**	**$3,000,000**	**$1,030,000**	**$4,030,000**	140730
64	**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**	**458,959**	**$1,500,000**	**$600,000**	**$2,100,000**	140730
65	**Newark City**	**Essex**	**Rehabilitation of the basculate gate at the Charlotteburgh Reservoir with alarm and control systems**	**0714001-011**	**280,000**	**$2,000,000**	**$770,000**	**$2,770,000**	140730
66	Egg Harbor City	Atlantic	Construction of a new storage tank	0107001-001	4,700	$2,000,000	$370,000	$2,370,000	140730
67	Long Beach Township (Brant Beach)	Ocean	Replace 14,500 LF of undersized water mains with 6-inch - Phase 3	1517001-011	52,266	$2,242,314	$802,693	$3,045,007	120401

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68	Long Beach Township (Brant Beach)	Ocean	Rehabilitation of four storage tanks-Beach Haven Terrace, Brant Beach, Holgate & Pehala Park	1517001-012	52,266	$1,000,000	$450,000	$1,450,000	130430
69	Aqua NJ - Southern	Camden	Replacement of 6,310 LF of water main on Lakeview Ave, Central and Clifton Ave and Haines, Hamilton and Prospect St	0415002-007	49,350	$820,300	$388,424	$1,208,724	120401?
70	Aqua NJ - Southern	Camden	Replacement of 5,700 LF of water main on Lakeside, East Blenheim, Haines, Lake & Church	0415002-008	49,350	$855,000	$384,750	$1,239,750	130430
71	Manchester Township	Ocean	Painting of 1.0 MG elevated storage tank	1518005-002	26,877	$277,500	$67,734	$345,234	140730
72	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	12,275	$1,100,000	$482,000	$1,582,000	140730
73	Manchester Utilities Authority	Passaic	Rehabilitate Central Avenue Storage Tank	1603001-006	12,275	$758,080	$341,136	$1,099,216	130430
74	Manchester Utilities Authority	Passaic	Rehabilitate High Service reservoir including security improvements	1603001-012	12,275	$141,000	$63,450	$204,450	130430
75	Paulsboro Borough	Gloucester	Replace .5 MG elevated storage tank	0814001-001	6,160	$1,250,000	$530,000	$1,780,000	140730
76	Brick Township MUA	Ocean	Replace gaseous chlorine with sodium hypochlorite as part of overall chemical upgrades to WTP	1506001-002	134,108	$5,000,000	$1,730,000	$6,730,000	140730
77	Collingswood Borough	Camden	Replacement of aerator at the West Side WTP	0412001-002	14,326	$250,000	$82,400	$332,400	120401*
78	Pine Hill MUA	Camden	Construction of GAC filtration system for removal of IPMP - Critical Area #2	0428002-001	12,492	$250,000	$112,500	$362,500	140730
79	Westville Borough	Gloucester	Replace media, underdrain and access hatch for pressure filters at WTP	0821001-001	4,500	$219,000	$60,520	$279,520	120401
80	**Netcong Borough**	**Morris**	**Replacement of leaking water mains**	**1428001-002**	**3,236**	**$1,150,000**	**$498,000**	**$1,648,000**	140730
81	Sussex Borough	Sussex	Water Treatment Plant upgrades	1921001-001	2,666	$116,857	$3,506	$120,363	140730
82	Central Regional Board of Ed. Bayville	Ocean	Additional treatment on existing well	1505355-001	2,500	$1,000,000	$450,000	$1,450,000	140730
83	Bayview Water Co.	Cumberland	Construction of new storage tank on New Jersey Avenue	0604001-004	333	$600,000	$270,000	$870,000	140730
84	**Passaic Valley WC**	**Passaic**	**Installation of 2200 LF of 12-inch main to connect Eastside Pumping station to Paterson's downtown area**	**1605002-019**	**314,900**	**$600,000**	**$270,000**	**$870,000**	140730
85	**Passaic Valley WC**	**Passaic**	**Installation of 7000 LF of 12-inch main to replace Granite Ave storage tank**	**1605002-017**	**314,900**	**$1,700,000**	**$674,000**	**$2,374,000**	140730
86	**Passaic Valley WC**	**Passaic**	**Replace approximately 200 large antiquated valves**	**1605002-015**	**314,900**	**$2,000,000**	**$770,000**	**$2,770,000**	140730
87	**Newark City**	**Essex**	**Replacement of 38,234 old water meters in the distribution system. Size ranges from 5/8" to 8"**	**0714001-010**	**280,000**	**$19,000,000**	**$5,670,000**	**$24,670,000**	140730

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88	Jersey City/Jersey City MUA	Hudson	Installation of 8,600 LF of 24" & 30" transmission main for looping	0906001-006	240,055	$13,500,000	$2,830,000	$16,330,000	120401?
89	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 6,8 and 12-inch Ductile Iron Pipes	0906001-005	229,000	$882,867	$388,980	$1,271,847	130430
90	Bayonne MUA	Hudson	Rehabilitation of gate house valve chamber and venturi flow meter	0901001-004	61,842	$900,000	$387,000	$1,287,000	140730
91	Ramsey Board of Public Utilities	Bergen	Construction of mains (Lakeview & Airmount)	0248001-004	16,350	$795,000	$357,750	$1,152,750	140730
92	Ramsey Board of Public Utilities	Bergen	Construction of mains (Rte 17, Snyder & Airmount)	0248001-003	16,350	$985,000	$443,250	$1,428,250	140730
93	Ramsey Board of Public Utilities	Bergen	Replacement of mains (Carol & Maple)	0248001-002	16,350	$1,340,000	$558,800	$1,898,800	140730
94	Ramsey Board of Public Utilities	Bergen	Construction of mains (Rte 17, Grant & Airmount)	0248001-001	16,350	$1,690,000	$670,800	$2,360,800	140730
95	Harrison Water Dept	Hudson	Replacement of 3,160 LF of water mains on S 2nd, Frank E. Rogers Blvd & Scott Mobus Place	0904001-005	14,425	$1,500,000	$610,000	$2,110,000	140730
96	Harrison Water Dept	Hudson	Cleaning and Lining and of approximately 3,000 LF of 10, 12 and 14 inch mains	0904001-004	14,425	$2,000,000	$770,000	$2,770,000	140730
97	Harrison Water Dept	Hudson	Cleaning & Lining of mains on Grant Ave., Cleveland Ave., & Hamilton Street	0904001-001	14,425	$5,500,000	$1,890,000	$7,390,000	140730
98	Ocean Township	Ocean	Replacement of 4,300 LF of AC mains in Hornblower Rd area	1520001-004	13,150	$492,750	$221,738	$714,488	130430
99	Ocean Township	Ocean	Replacement of 4,025 LF of 8-inch mains-Tuscarora Ave	1520001-003	12,265	$488,423	$234,443	$722,866	120401
100	Berkeley Township MUA	Ocean	Install new solar panels at treatment plant	1505004-003	11,666	$750,000	$337,500	$1,087,500	140730
101	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	2,408	$1,465,738	$599,036	$2,064,774	140730
102	Vineland City	Cumberland	Construction of .4 miles of 12-inch water mains to loop dead ends and enhance water pressure	0614003-009	33,000	$200,000	$90,000	$290,000	140730
103	Vineland City	Cumberland	Replacement of 1.4 miles of 8-inch with 10 - inch water mains	0614003-007	33,000	$1,100,000	$482,000	$1,582,000	140730
104	Vineland City	Cumberland	Replacement of 2,300 LF of 8-, 10- and 12-inch water mains	0614003-008	33,000	$350,000	$157,500	$507,500	140730

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105	Manchester Township	Ocean	Installation of an automated meter reading system	1518005-003	26,877	$2,591,600	$632,183	$3,223,783	140730
106	**Rahway City**	**Union**	**Rahway Water Treatment Plant Filter System Upgrade to membrane filtration**	**2013001-007**	**26,500**	**$8,500,000**	**$2,850,000**	**$11,350,000**	140730
107	Gloucester City	Camden	Replacement of 2,200 LF of water mains on Charles Street	0414001-013	11,484	$1,118,625	$487,478	$1,606,103	140730
108	Gloucester City	Camden	Water Main replacement on Broadway & Koehler Streets	0414001-002	11,484	$799,205	$359,642	$1,158,847	140730
109	Gloucester City	Camden	Water Main replacement on Jersey Avenue	0414001-003	11,484	$2,038,605	$782,354	$2,820,959	140730
110	Gloucester City	Camden	Water Main replacement on Water Street	0414001-004	11,484	$755,272	$339,872	$1,095,144	140730
111	Gloucester City	Camden	Water Main replacement on Hudson Street	0414001-005	11,484	$326,319	$146,844	$473,163	140730
112	Gloucester City	Camden	Water Main replacement on Monmouth Street	0414001-006	11,484	$379,973	$170,988	$550,961	140730
113	Gloucester City	Camden	Water Main replacement on Johnson Blvd.	0414001-007	11,484	$856,487	$385,419	$1,241,906	140730
114	Gloucester City	Camden	Water Main replacement on Market Street	0414001-008	11,484	$450,005	$202,502	$652,507	140730
115	Gloucester City	Camden	Water Main replacement on Park Avenue	0414001-009	11,484	$791,314	$356,091	$1,147,405	140730
116	Gloucester City	Camden	Water Main replacement on Baynes Avenue	0414001-010	11,484	$477,153	$214,719	$691,872	140730
117	Gloucester City	Camden	Water Main replacement on Brown Street, E. Brown Street, Sparks Avenue	0414001-011	11,484	$1,667,072	$663,463	$2,330,535	140730
118	Gloucester City	Camden	Water Main replacement on Nicholson Road	0414001-012	11,484	$217,305	$97,787	$315,092	140730
119	Hammonton Town	Atlantic	Replacement of 2,900 LF of water mains on Rte 54	0113001-003	9,100	$485,000	$218,250	$703,250	140730
120	Hammonton Town	Atlantic	Replacement of water mains on Central Ave., Golf Dr., & 12th Street.	0113001-002	9,100	$1,000,000	$450,000	$1,450,000	140730
121	Hammonton Town	Atlantic	Water main extension along Egg Harbor Road, and Eighth Street to create loops and eliminate dead ends	0113001-001	9,100	$250,000	$112,500	$362,500	140730
122	Winslow Township	Camden	New 1.0 MG finished water storage tank	0436007-003	26,564	$1,000,000	$450,000	$1,450,000	140730
123	Berlin Borough	Camden	Repairs to Plant#1 filter and complete replacement of filter media	0405001-005	13,121	$80,500	$36,565	$117,065	140730
124	Hightstown Borough	Mercer	Construct 80,000 gallon backwash tank and re-line existing lagoons	1104001-003	5,516	$450,000	$202,500	$652,500	140730
125	Hightstown Borough	Mercer	Upgrading the post chlorine tank, filter media, filters and high service pumps	1104001-005	5,216	$765,000	$158,240	$923,240	120401*
126	National Park Borough	Gloucester	Replacement of a WTP	0812001-001	3,289	$2,289,450	$825,871	$3,115,321	140730
127	Fountainhead Properties, Inc.	Ocean	Improvement to WTP including chemical feel, building, hydropneumatic tank, controls & auxiliary power	1511013-001	280	$205,000	$41,000	$246,000	130430

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128	**Passaic Valley WC**	**Passaic**	**Replacement of Prospect Park storage tank**	**1605002-020**	**314,900**	**$800,000**	**$360,000**	**$1,160,000**	**140730**
129	**Passaic Valley WC**	**Passaic**	**Decommissing of Granite Avenue Tank**	**1605002-023**	**314,900**	**$1,700,000**	**$674,000**	**$2,374,000**	**140730**
130	**Trenton City**	**Mercer**	**Cleaning and lining of 46,000 LF of water mains**	**1111001-008**	**255,000**	**$6,000,000**	**$2,050,000**	**$8,050,000**	**140730**
131	Brick Township MUA	Ocean	Replacement of 24,090 LF of undersized water mains	1506001-003	134,108	$4,600,000	$1,102,480	$5,702,480	**140730**
132	Kearny Town	Hudson	Replacement of 1,950 LF with 12-inch water main-North Hackensack Acres	0907001-001	40,500	$750,000	$189,500	$939,500	**120401***
133	Orange City	Essex	Cleaning & Lining of mains	0717001-005	30,000	$1,675,000	$666,000	$2,341,000	**140730**
134	Stafford Township	Ocean	Installation of 5,000 LF of main under the GSP as secondary crossing	1530004-016	26,818	$3,000,000	$1,090,000	$4,090,000	**130430**
135	Stafford Township	Ocean	Replacement of 1,600 LF of water main on Charles Blvd	1530004-017	26,818	$363,066	$163,380	$526,446	**130430**
136	Hamilton Township MUA	Atlantic	12 inch main extension with valves and hydrants and control upgrades to utilize well # 10 more efficiently for hi pressure zone	0112001-002	25,420	$393,000	$1,057,000	$1,450,000	**120401**
137	Ramsey Board of Public Utilities	Bergen	Rehabilitation of Airmount reservoir	0248001-005	16,350	$430,000	$115,000	$545,000	**140730**
138	Collingswood Borough	Camden	Replacement of 3,660 LF of water main on Mansion & Colford Aves.	0412001-003	14,326	$666,000	$165,000	$831,000	**120401***
139	Towne Centre - Passaic	Passaic	Construction of water mains for a brownfield redevelopment project - Towne Centre	1605002-009	293,039	$500,000	$225,000	$725,000	**140730**
140	East Orange Water Commission	Essex	Replacement of fifteen water mains suspended on Garden State Parkway bridges	0705001-007	119,650	$2,500,000	$930,000	$3,430,000	**140730**
141	East Orange Water Commission	Essex	Replacement of west well transmission main	0705001-006	119,650	$2,500,000	$930,000	$3,430,000	**140730**
142	East Orange Water Commission	Essex	Cleaning & Lining of mains	0705001-002	119,650	$2,164,500	$822,640	$2,987,140	**140730**
143	East Orange Water Commission	Essex	Installation of 2,150 LF of 8-inch & 1,400 LF of 4-inch for a redevelopment	0705001-010	119,650	$325,000	$146,250	$471,250	**140730**
144	NJ American Water Co.-Elizabethtown	Union	Painting of the Raritan Millstone backwash tank at the WTP	2004002-007	609,325	$395,000	$177,750	$572,750	**140730**
145	**North Jersey District WS**	**Passaic**	**Acquisition and integration of the Kearny/Bayonne Transmission main**	**1613001-007**	**458,959**	**$30,000,000**	**$8,530,000**	**$38,530,000**	**140730**
146	Perth Amboy City	Middlesex	Cleaning & Lining of water mains-Central bussiness District	1216001-003	47,330	$1,000,000	$450,000	$1,450,000	**140730**
147	Perth Amboy City	Middlesex	Replacement of undersize water main - State Street	1216001-002	47,330	$2,490,000	$926,800	$3,416,800	**140730**

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148	Perth Amboy City	Middlesex	Replacement of undersize water main - Center Street	1216001-001	47,330	$1,209,050	$516,896	$1,725,946	140730
149	Towne Centre - Garfield	Bergen	Construction of water mains for a brownfield redevelopment project - Towne Centre	0221001-006	29,780	$530,000	$238,500	$768,500	140730
150	Garfield City	Bergen	Replacement of 8,000 LF of 6-inch to 12-inch water main & replacement of 30 valves	0221001-006	29,780	$4,500,000	$2,157,500	$6,657,500	140730
151	Garfield City	Bergen	Replacement of water mains	0221001-004	29,780	$4,200,000	$1,474,000	$5,674,000	140730
152	Stone Harbor Borough	Cape May	Replacement of 2,700 LF of water mains on 83rd to 89th, 92nd to 94th & 97th to 98th Streets at various locations	0510001-005	25,725	$833,860	$305,460	$1,139,320	120401
153	Stone Harbor Borough	Cape May	Replacement of 4,650 LF of water mains on 87th, 90th, 98th, Sunset, 107th & 117th	0510001-004	25,725	$536,702	$227,112	$763,814	120401
154	Lakewood Township MUA	Ocean	Replacement of 6,523 water meters	1514002-011	25,000	$2,732,628	$717,000	$3,449,628	120401*
155	Phillipsburg Redevelopment Authority/Aqua NJ - Phillipsburg	Warren	Installation of 5,300 LF of 8 and 12-inch water mains for a brownfield site	2119001-006	18,162	$2,099,859	$800,141	$2,900,000	140701
156	Ventnor City	Atlantic	Clean and line 8 and 14" water mains	0122001-001	12,900	$1,570,000	$632,400	$2,202,400	130430
157	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 plpe	1603001-008	12,275	$1,100,000	$482,000	$1,582,000	140730
158	Berkeley Township MUA	Ocean	Install automated meter reading system throughout the service area to improve the speed and reliability of billing records	1505004-004	11,666	$500,000	$225,000	$725,000	140730
159	Woodbury City	Gloucester	Replacement of 12 & 16-inch water main with 16" main on Woodbury-Glassboro Rd with appurtenances	0822001-001	11,270	$2,848,250	$501,750	$3,350,000	120401
160	Seaside Park Borough	Ocean	Phase II improvements replacing water mains on Hwy no. 35	1527001-002	8,133	$3,031,800	$583,201	$4,131,976	120401
161	**Matawan Borough**	**Monmouth**	**Modifications to the aeration, clarification, chemical treatment, filtration processes, equipment controls and new generator**	**1329001-001**	**7,722**	**$3,400,000**	**$1,420,000**	**$4,820,000**	120401
162	Paulsboro Borough	Gloucester	Replacement of 2,300 water meters	0814001-002	6,160	$880,000	$396,000	$1,276,000	140730
163	Sussex Borough	Sussex	Replacement of 75 year old water mains	1921001-002	2,666	$1,402,286	$42,068	$1,444,354	140730
164	Brooklawn Borough	Camden	Removal and replacement 1,500 LFof 6-inch water mains; looping of dead end water mains on Crescent Blvd., Browning Lane, Hannivig Ave., & Broadway	0407001-004	2,300	$1,483,000	$604,560	$2,087,560	140730

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165	Pemberton Borough	Burlington	Replacement of undersized and antiquated water mains on Hough and Handover Streets	0328001-001	1,610	$490,820	$236,971	$727,791	140730
166	**Newark City**	**Essex**	**Installation of a SCADA system**	**0714001-014**	**280,000**	**$2,500,000**	**$930,000**	**$3,430,000**	140730
167	NJ American Water Co.-Coastal North System	Monmouth	Replacement of ozone generators at Swimming River WTP	1345001-005	289,553	$519,890	$32,000	$551,890	140730
168	Evesham MUA	Burlington	Upgrades to WTP for wells # 13 and 14	0313001-001	43,200	$1,000,000	$450,000	$1,450,000	130430
169	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	38,000	$20,000,000	$5,930,000	$25,930,000	140730
170	Ramsey Board of Public Utilities	Bergen	Installation of chlorine analyzers and pipe improvements to upgrade disinfection system at various facilities	0248001-015	16,350	$500,000	$140,000	$640,000	140730
171	Pompton Lakes MUA	Passaic	Replacement of gas chlorination system with solid tablet chlorination system	1609001-003	11,435	$60,000	$33,100	$93,100	140730
172	Ringwood Borough	Passaic	Installation of chlorination station, automatic controls & protection of pipe	1611002-001	9,600	$331,000	$59,580	$390,580	140730
173	Fayson Lake Water Co	Morris	Upgrade treatment facility with reclaimation from backwash of filters	1415001-001	3,010	$525,000	$236,250	$761,250	140730
174	West Milford MUA-Olde Milford System	Passaic	Wells #1,6 & 7 WTP upgrades	1615016-001	1,625	$358,000	$161,100	$519,100	130430
175	West Milford MUA-Bald Eagle System	Passaic	Concorde & Quincy WTP upgrades	1615018-001	1,260	$324,000	$145,800	$469,800	130430
176	West Milford MUA-Awosting System	Passaic	Well #1 WTP upgrades	1615012-001	635	$118,000	$53,100	$171,100	130430
177	West Milford MUA-Greenbrook Estates System	Passaic	Well #28 WTP Upgrades	1615002-001	600	$176,000	$79,200	$255,200	130430
178	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	350	$100,000	$45,000	$145,000	140730
179	Plausha Park Water Co	Morris	Install chemical feed, safety upgrades and replace the ramp and piping at the well/treatment facility	1421004-001	200	$130,000	$37,400	$167,400	140730
180	West Milford MUA-Birch Hill System	Passaic	Moore Rd WTP upgrades	1615001-001	180	$145,000	$65,250	$210,250	130430

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181	West Milford MUA-Parkway System	Passaic	Well #6 WTP Upgrades	1615006-001	115	$256,000	$115,200	$371,200	130430
182	Green Briar Residential Home	Morris	Instalation of chlorination to WTP, emergency generator, back up well	1421305-001	43	$26,000	$4,480	$30,480	140730
183	Bloomfield Township	Essex	Cleaning and Lining of water mains	0702001-001	45,061	$1,000,000	$450,000	$1,450,000	140730
184	Willingboro MUA	Burlington	Replacement of 56,000 LF of 6 and 8-inch mains-Twin Hills	0338001-002	40,000	$8,100,000	$1,985,440	$10,085,440	140730
185	**Rahway City**	**Union**	**Cleaning & Lining of various water main sections**	**2013001-001**	**26,500**	**$900,000**	**$405,000**	**$1,305,000**	140730
186	**Rahway City**	**Union**	**Cleaning & Lining of various water main sections**	**2013001-002**	**26,500**	**$1,100,000**	**$482,000**	**$1,582,000**	140730
187	Mahwah Township	Bergen	Installation of emergency generators	0233001-005	24,062	$350,000	$157,500	$507,500	140730
188	Burlington Township	Burlington	Replacement of 1,500 LF of main on Lansberry Dr and LaVeer Rd	0306001-004	22,000	$214,000	$96,300	$310,300	140730
189	Gloucester City	Camden	Construction of a 1.0 MG storage tank to replace standpipe	0414001-014	11,484	$3,000,000	$1,090,000	$4,090,000	140730
190	Richard Stockton College of NJ	Atlantic	Installation of solar power at water treatment plant	0111304-001	6,600	$680,000	$306,000	$986,000	140730
191	Towne Centre - Cliffside Park	Bergen	Construction of water mains for a brownfield redevelopment project - Towne Centre	0238001-001	394,079	$525,000	$236,250	$761,250	140730
192	Belleville Township	Essex	Replacement of inoperable valves & hydrants	0701001-002	35,928	$525,000	$236,250	$761,250	140730
193	Belleville Township	Essex	Extension of 12 inch water main to the Medical Center	0701001-001	35,928	$350,000	$157,500	$507,500	140730
194	Garfield City	Bergen	Replacement of the Botany Street pump station. Expansion of the SCADA system	0221001-005	29,780	$2,050,000	$786,000	$2,836,000	140730
195	Lyndhurst Township	Bergen	Replacement of 1,350 LF of antiquated water mains on Forest Avenue	0232001-002	19,800	$1,950,000	$511,000	$2,461,000	140730
196	Berlin Borough	Camden	A 12 inch water main needs to be tied in at Park Drive and White Horse Pike	0405001-006	13,121	$200,000	$90,000	$290,000	140730
197	Milltown Borough	Middlesex	Cleaning and lining of water mains, replacement of fire hydrants, gate valves and valve boxes in the Borough	1212001-001	7,052	$1,000,000	$450,000	$1,450,000	140730
198	Westville Borough	Gloucester	Rehabilitation of a 0.6 MG elevated storage tank	0821001-002	4,500	$757,000	$112,850	$869,850	120401
199	National Park Borough	Gloucester	Replacement of 6-inch and 10-inch water main with appurtenances	0812001-003	3,289	$228,450	$99,134	$327,584	140730
200	Alpha Borough	Warren	Upgrades to treatment for Pursell & Alpha St wells or VOC removal, hardness and disinfection	2102001-001	2,500	$1,547,470	$755,427	$2,302,897	120401
201	Brooklawn Borough	Camden	Painting interior & exterior of water tank	0407001-005	2,300	$429,000	$193,050	$622,050	140730

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202	Fountainhead Properties, Inc.	Ocean	Loop system with 400 LF of water main	1511013-002	280	$10,000	$2,000	$12,000	130430
203	Stafford Township	Ocean	Construction of 2,600 LF of 8 and 12-inch water main on Rte 9 and Oak Ave	1530004-014	26,818	$487,224	$218,978	$706,202	140730
204	**Passaic Valley WC**	**Passaic**	**Upgrade the interconnection with United WC**	**1605002-016**	**314,900**	**$2,000,000**	**$770,000**	**$2,770,000**	140730
205	**Passaic Valley WC**	**Passaic**	**Emergency interconnection upgrade between PVWC and United Water that supply water to the Borough of Lodi**	**1605002-022**	**314,900**	**$2,000,000**	**$770,000**	**$2,770,000**	140730
206	**Passaic Valley WC**	**Passaic**	**Installation of a back up Wanaque interconnection line**	**1605002-010**	**314,900**	**$750,000**	**$337,500**	**$1,087,500**	140730
207	Brick Township MUA	Ocean	Installation of emergency generators w/ controls & instrumentation at 3 booster pump stations	1506001-004	134,108	$450,000	$160,980	$610,980	140730
208	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	134,108	$2,300,000	$800,000	$3,100,000	140730
209	Manchester Utilities Authority	Passaic	Demolition of inoperational structures and building, security & SCADA Improvements at old filter plant.	1603001-013	12,275	$1,524,460	$617,827	$2,142,287	130430
210	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	11,666	$5,226,820	$1,425,364	$6,652,184	140730
211	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	11,666	$7,500,000	$3,319,165	$10,819,165	140730
212	NJ American Water Co.-Elizabethtown	Union	36 inch valve replacement at Madison Hill Road	2004002-006	609,325	$175,000	$78,750	$253,750	140730
213	NJ American Water Co.-Atlantic	Atlantic	Construction of a 1.5 MG elevated tank including water mains	0119002-004	88,088	$2,100,000	$802,000	$2,902,000	140730
214	Winslow Township	Camden	Install appurtenances associated with new well #12 (SCADA, well house, transmission mains)	0436007-004	26,564	$1,791,000	$703,120	$2,494,120	140730
215	Winslow Township	Camden	Install new 500 GPM well #12	0436007-005	26,564	$228,600	$102,870	$331,470	140730
216	**Rahway City**	**Union**	**Repainting of 1.5 MG elevated & 0.5 MG watersphere water tanks**	**2013001-004**	**26,500**	**$750,000**	**$337,500**	**$1,087,500**	140730
217	Mahwah Township	Bergen	Interconnection on Campgaw & Pulis Avenues	0233001-003	24,062	$1,300,000	$546,000	$1,846,000	140730
218	NJ American Water Co.-Coastal North System	Monmouth	East End Transmission Main Replacement	1345001-009	289,553	$1,391,309	$531,556	$1,922,865	140730

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219	NJ American Water Co.- Coastal North System	Monmouth	Rehab of High Service Transmission Main in Middletown	1345001-006	289,553	$5,400,000	$1,596,650	$6,996,650	140730
220	Catateret Borough	Middlesex	Installation of 6-inch main to serve waterfront park in Cateret	1225001-020	250,010	$600,000	$258,000	$858,000	140730
221	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	250,010	$4,200,000	$1,474,000	$5,674,000	140730
222	Middlesex Water Company	Middlesex	Cleanlng & cement lining of mains (Phase 13)	1225001-016	250,010	$2,891,496	$1,055,279	$3,946,775	190730
223	Middlesex Water Company	Middlesex	Cleaning & cement lining of mains (Phase 12)	1225001-015	250,010	$4,000,000	$1,410,000	$5,410,000	170730
224	Middlesex Water Company	Middlesex	Cleaning & cement lining of mains (Phase 11)	1225001-014	250,010	$3,465,000	$1,238,800	$4,703,800	130430
225	Middlesex Water Company	Middlesex	Cleaning & cement lining of 45,000 LF of mains in Edison area (Phase 10)	1225001-013	250,010	$3,300,000	$700,000	$4,000,000	120401
226	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	250,010	$23,200,000	$6,762,000	$29,962,000	140730
227	NJ American Water Co.- Short Hills	Essex	Replacement of two large valves	0712001-008	217,230	$600,000	$270,000	$870,000	140730
228	East Orange Water Commission	Essex	Installation of solar power at water treatment plant	0705001-009	119,650	$1,000,000	$450,000	$1,450,000	140730
229	Old Bridge MUA	Middlesex	Replacement of water mains along Lawrence Harbor Road	1209002-002	65,000	$1,600,000	$642,000	$2,242,000	140730
230	Wayne Township	Passaic	Replacement of 2400 LF of 8-inch water main and 2000 LF of 12-inch water main - Farmingdale Area	1614001-001	55,000	$1,100,000	$482,000	$1,582,000	140730
231	Franklin Township	Somerset	Installation of new water mains to eliminate dead end mains	1808001-006	50,000	$920,000	$414,000	$1,334,000	140730
232	East Brunswick Twp	Mlddlesex	Replacement of undersized water mains on Wilmot, Harrison and various streets	1204001-001	47,000	$3,672,735	$1,347,265	$5,020,000	140730
233	Sayreville Borough	Middlesex	Construct new water main along Washington Road	1219001-006	40,377	$650,000	$279,500	$929,500	140730
234	Sayreville Borough	Middlesex	Rehabilitate existing unlined cast iron water mains in several areas of Sayreville	1219001-004	40,377	$5,000,000	$1,730,000	$6,730,000	140730
235	Sayreville Borough	Middlesex	Clean and line water mains in several sections of the Borough	1219001-008	40,377	$2,000,000	$730,000	$2,730,000	140730
236	Mount Laurel Township MUA	Burlington	Replacement of 1,460 LF of 8 and 12-inch water main	0324001-006	40,221	$322,000	$251,260	$573,260	140730

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237	Montclair Township	Essex	Replacement of lead service Lines - Phase III	0713001-010	38,977	$900,000	$252,000	$1,152,000	140730
238	Montclair Township	Essex	Replace Transmission Valves	0713001-003	38,977	$650,000	$292,500	$942,500	140730
239	Montclair Township	Essex	Cleaning & Lining of water mains	0713001-002	38,977	$750,000	$337,500	$1,087,500	140730
240	North Brunswick Township	Middlesex	Replacement of 2,350 LF of 8 inch water mains on Excelsior and Thalia Streets and Sioux Road	1215001-005	38,000	$844,000	$365,000	$1,209,000	140730
241	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	38,000	$5,000,000	$1,730,000	$6,730,000	140730
242	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	38,000	$1,750,000	$307,000	$2,057,000	140730
243	Montville Township	Morris	Installation of 880 LF of 8 inch water main and a pressure reducing faciity to provide a secondary supply to the Pine Brook Road service area	1421003-002	21,000	$125,000	$35,000	$160,000	140730
244	Ramsey Board of Public Utilities	Bergen	Replacement of North Central Ave water main	0248001-014	16,350	$60,000	$40,000	$100,000	140730
245	Pennsville Township	Salem	Rehabilitate .25 MG Water Street storage tank	1708001-003	13,250	$150,000	$67,500	$217,500	140730
246	Bordentown City	Burlington	Replacement of 1,500 LF of 12-inch transmission mains	0303001-002	13,250	$330,000	$158,900	$488,900	140730
247	Saddle Brook Township	Gloucester	Construction of 1,200 LF of 8-inch water mains	0802001-001	13,155	$465,000	$209,250	$674,250	140730
248	Clinton Town	Hunterdon	Replacement of 2,500 LF of water mains on Main, New, East and Center Sts.	1005001-003	12,500	$701,797	$316,510	$1,018,307	120401*
249	Haddonfield Borough	Camden	Replacement of water main on Tanner & Woodlane with 8 inch	0417001-001	11,600	$597,262	$163,097	$760,359	140730
250	Wallington Borough	Bergen	Replacement of 6-inch mains with 8-inch mains	0265001-001	11,580	$1,295,845	$544,670	$1,840,515	140730
251	Pompton Lakes MUA	Passaic	Abandonment of Cannonball Rd main and installation of insertion valves throughout system	1609001-001	11,435	$140,000	$69,000	$209,000	140730
252	Pompton Lakes MUA	Passaic	Replacement of 12,200 LF of water mains in Garden Rd area & Colfax Ave	1609001-006	11,435	$1,830,000	$646,000	$2,476,000	120401*
253	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	10,375	$500,000	$100,000	$600,000	140730
254	East Hanover Township	Morris	Replace water mains	1410001-004	10,000	$350,000	$157,500	$507,500	140730

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255	Wanaque Borough	Passaic	Replacement of approximately 6,000 feet of water main and services on Ringwood Avenue	1613002-002	9,954	$1,700,000	$286,000	$1,986,000	140730
256	Ringwood Borough	Passaic	Replacement of undersized water mains	1611002-002	9,600	$650,000	$292,500	$942,500	140730
257	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	8,900	$775,000	$356,000	$1,131,000	140730
258	Aberdeen Township	Monmouth	Replace existing water main crossing on Cliffwood Avenue/NJGSP overpass with a new water main	1330002-002	8,900	$995,000	$457,700	$1,452,700	120401
259	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	8,900	$650,000	$292,500	$942,500	140730
260	Aberdeen Township	Monmouth	Install two water utility crossing of Route 35 to improve the capability of the existing water distribution system	1330002-004	8,900	$350,000	$161,000	$511,000	140730
261	Florham Park Boro	Morris	Replacement of 14 6-inch line valves, 12 hydrants and 11 services	1411001-002	8,857	$164,080	$73,836	$237,916	140730
262	Spotswood Borough	Middlesex	Cleaning and lining of approximaty 3,600 LF of water mains	1224001-001	8,200	$400,000	$180,000	$580,000	140730
263	Clayton Borough	Gloucester	Rehabilitation of East Chestnut St and North Delsea Dr storage tanks	0801001-002	8,180	$753,170	$338,927	$1,092,097	130430
264	Island Heights Borough	Ocean	Replacement of 75 fire hydrants and repairs to 21 fire hydrants	1510001-004	1,750	$250,800	$25,064	$275,864	140730
265	West Milford MUA-Olde Milford System	Passaic	Replace Fire Hydrants	1615016-004	1,625	$46,000	$20,700	$66,700	130430
266	Milford Borough	Hunterdon	Replace 3,000 LF with 8-inch water mains on Green, Maple, Orchard, Walnut & Railroad Sts	1020001-001	1,415	$710,000	$352,500	$1,062,500	140730
267	Milford Borough	Hunterdon	Replace 5,000 LF with 8-inch water mains on Delaware & Ravine Rds to loop system	1020001-002	1,415	$1,040,000	$825,220	$1,865,220	140730
268	West Milford MUA-Bald Eagle System	Passaic	Replace Fire Hydrants	1615018-004	1,260	$35,000	$15,750	$50,750	130430
269	Roosevelt Borough	Monmouth	Cleaning and Lining of water mains within the Borough	1341001-001	935	$317,935	$158,967	$476,902	140730
270	West Milford MUA-Crescent Park System	Passaic	Replace Fire Hydrants	1615014-002	700	$17,000	$7,650	$24,650	130430
271	West Milford MUA-Awosting System	Passaic	Replace Fire Hydrants	1615012-004	635	$17,000	$7,650	$24,650	130430

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272	West Milford MUA-Greenbrook Estates System	Passaic	Replace Fire Hydrants	1615002-003	600	$17,000	$7,650	$24,650	130430
273	Byram Twp Homeowners Assoc	Sussex	Replace 1,000 LF of water main and a pressure reducing valve	1904009-002	400	$165,200	$87,300	$252,500	120401
274	Collier Services	Monmouth	Replace distribution system and associated appurtenances including hydrants within the Collier Services property	1328300-002	350	$254,000	$114,300	$368,300	140730
275	Lake Glenwood Village	Sussex	Installation of 7,100 LF of 6-inch Cement Lined Ductile Iron Pipe replacement water mains	1922010-002	250	$500,000	$225,000	$725,000	140730
276	Rosemont Water Company	Hunterdon	Rehabilitate and/or replace existing distribution mains	1007002-002	225	$361,456	$162,655	$524,111	140730
277	Plausha Park Water Co	Morris	Replacement of main at stream crossing, valves and installing blow off hydrants	1421004-002	200	$95,000	$27,400	$122,400	140730
278	West Milford MUA-Birch Hill System	Passaic	Replace Fire Hydrants	1615001-004	180	$6,000	$2,700	$8,700	130430
279	Lake Glenwood Village	Sussex	Replacement of 1,000 LF of water mains on Cliffside, Toboggan & Lakeshore	1922010-004	120	$72,000	$32,400	$104,400	140730
280	West Milford MUA-Parkway System	Passaic	Replace Fire Hydrants	1615006-004	115	$6,000	$2,700	$8,700	130430
281	North Shore Water Association	Sussex	Replacement of 2,400 LF of water mains	1904004-002	105	$300,000	$60,000	$360,000	130430
282	Willor Manor Water Company	Sussex	Replacement of undersized water mains	1904008-002	50	$213,424	$88,321	$301,745	140730
283	NJ American Water Co.-Atlantic	Atlantic	Installation of New Water Meters	0119002-009	88,088	$128,641	$57,888	$186,529	140730
284	Perth Amboy City	Middlesex	replacement of lime slurry tanks and turbidity meters	1216001-005	50,800	$80,990	$36,446	$117,436	130430
285	**Netcong Borough**	**Morris**	**Drill new well to meet current demand**	**1428001-003**	**3,236**	**$425,000**	**$191,250**	**$616,250**	140730
286	**Passaic Valley WC**	**Passaic**	**Replacement of surface water intake facilities on the Passaic River**	**1605002-009**	**314,900**	**$800,000**	**$360,000**	**$1,160,000**	140730
287	**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**	**255,000**	**$13,000,000**	**$4,110,000**	**$17,110,000**	140730
288	NJ American Water Co.-Elizabethtown	Union	Prospect Ave Tank (Mountainside) Painting	2004002-008	609,325	$350,000	$157,500	$507,500	140730
289	NJ American Water Co.-Elizabethtown	Union	Upgrade or replace existing booster station due to aging and obolete equipment (Roselle Station)	2004002-003	609,325	$4,446,416	$2,200,401	$6,646,817	140730

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290	NJ American Water Co.-Elizabethtown	Union	Hummocks Tank Painting	2004002-002	609,325	$1,698,592	$437,357	$2,135,949	140730
291	NJ American Water Co.-Ocean City	Cape May	Installation of New Water Meters	0508001-006	28,071	$105,001	$47,250	$152,251	140730
292	Ramsey Board of Public Utilities	Bergen	Construction of 2 wells with pump station & piping	0248001-007	16,350	$3,090,000	$1,118,800	$4,208,800	140730
293	Ramsey Board of Public Utilities	Bergen	Rehabilitate Dixon, Martis & Spring wells	0248001-006	16,350	$250,000	$112,500	$362,500	140730
294	Ocean Township	Ocean	Modifications to Well 6 at the Route 532 WTP which includes replacement of pump and motors	1520001-002	12,265	$169,675	$89,125	$258,800	120401
295	Clayton Borough	Gloucester	Construction of a new .75 MG storage tank	0801001-001	8,180	$2,552,650	$946,848	$3,499,498	130430
296	**Matawan Borough**	**Monmouth**	**Structural improvement at the two existing water storage tanks**	**1329001-002**	**7,722**	**$600,000**	**$108,000**	**$708,000**	120401
297	Hightstown Borough	Mercer	New Wycoff Mills Water Storage Tank with transmission mains	1104001-001	5,516	$825,000	$371,250	$1,196,250	140730
298	NJ American Water Co.-Coastal North System	Monmouth	Rehab of Newman Springs Pumping Station	1345001-008	289,553	$400,000	$180,000	$580,000	140730
299	NJ American Water Co.-Coastal North System	Monmouth	Sunset Avenue and Monterey Tank Painting	1345001-010	289,553	$600,000	$270,000	$870,000	140730
300	NJ American Water Co.-Short Hills	Essex	Short Hills Tank Painting	0712001-006	217,230	$400,000	$180,000	$580,000	140730
301	NJ American Water Co.-Atlantic	Atlantic	Replacement of Water Meters	0119002-010	88,088	$322,686	$145,209	$467,895	140730
302	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	65,000	$4,300,000	$1,506,000	$5,806,000	130430
303	Parsippany Troy Hills Township	Morris	Repainting of 1 MG water storage tank	1429001-004	50,649	$820,000	$101,500	$921,500	140730
304	Franklin Township	Somerset	Replacement of 2 elevated storage tanks	1808001-004	50,000	$7,500,000	$2,530,000	$10,030,000	140730
305	**NJ American Water Co.-Mt Holly**	**Burlington**	**Installation of solar power at Mansfield WTP complex**	**0323001-002**	**42,040**	**$6,301,775**	**$783,725**	**$7,085,500**	120401
306	Sayreville Borough	Middlesex	Rehabilitate the pump station facility and surface intake on the South River located in Sayreville	1219001-002	40,377	$300,000	$135,000	$435,000	140730
307	Sayreville Borough	Middlesex	Rehabilitate existing 3 MG tank	1219001-003	40,377	$2,500,000	$880,000	$3,380,000	140730
308	Montclair Township	Essex	Rehabilitate 2.5 MG & 1.5 MG storage tanks with piping	0713001-004	38,977	$500,000	$225,000	$725,000	140730
309	Millville City	Cumberland	Treatment, pumping and building for new well #18	0610001-002	27,500	$2,609,200	$964,944	$3,574,144	130430

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310	Mahwah Township	Bergen	Rehabilitation of Campgaw elevated storage tank	0233001-010	24,062	$380,000	$108,580	$488,580	140730
311	Montville Township	Morris	Storage tank rehabilitation, which includes increasing the capacity of 0.25 MG tank to 0.33 MG	1421003-003	21,000	$300,000	$135,000	$435,000	140730
312	Point Pleasant Borough	Ocean	Replacement of the Clifton Ave storage tank	1524001-001	19,306	$1,200,000	$206,000	$1,406,000	140730
313	West Caldwell Township	Essex	Rehabilitation of McKinley Ave storage tank	0721001-001	18,296	$648,000	$52,000	$700,000	140730
314	Sparta Township Water Utility	Sussex	Installation of a 600 KW wind turbine generator at Germany Flats Water Utility	1918004-001	15,726	$1,281,800	$102,544	$1,384,344	140730
315	Verona Township	Essex	Acquisition of the ECUA Jail Annex tank plus rehab and upgrading of the tank	0720001-004	13,641	$500,000	$225,000	$725,000	140730
316	Verona Township	Essex	Rehabilitation of the 2 MG Fairview Avenue storage tank	0720001-005	13,641	$700,500	$301,215	$1,001,715	140730
317	Clinton Town	Hunterdon	Rehabilitation of 2.5 MG storage tank and piping to system	1005001-004	12,500	$767,655	$314,739	$1,082,394	120401*
318	Pompton Lakes MUA	Passaic	Rehabilitation of the exterior of the existing 1.0 MG tank	1609001-002	11,435	$170,000	$75,500	$245,500	140730
319	Pompton Lakes MUA	Passaic	Replacement of water storage tanks with a 1.0 MG tank	1609001-005	11,435	$900,000	$400,000	$1,300,000	140730
320	Boonton Town	Morris	Replacement of 1.0 MG storage tank with a new 1.0 MG steel tank on Green St & associated modifications	1401001-002	9,500	$1,572,395	$570,271	$2,142,666	120401*
321	Florham Park Boro	Morris	Rehabilitation of a 1.0 MG storage tank	1411001-003	8,857	$610,000	$274,500	$884,500	140730
322	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	6,000	$470,000	$211,500	$681,500	140730
323	Fayson Lake Water Co	Morris	Replace existing 0.1 MG Stony Brook storage tank with a 0.25 MG tank	1415001-003	3,010	$500,000	$255,000	$755,000	140730
324	Central Regional Board of Ed. Bayville	Ocean	Construction of new interconnection with existing municipal water system	1505355-002	2,500	$1,000,000	$450,000	$1,450,000	140730
325	Lakehurst Borough	Ocean	Redevelopment of Well 16	1513001-001	2,500	$55,000	$18,150	$73,150	120401
326	Essex Fells Borough	Essex	Rehabilitate 1 MG water storage tank	0706001-001	2,200	$360,000	$130,000	$490,000	140730
327	Glen Gardner Borough	Hunterdon	Rehabilitate storage tank	1012001-001	1,902	$350,000	$213,000	$563,000	140730
328	Stillwater Twp District #1	Sussex	Painting interior of water tank	1920001-002	1,200	$40,000	$18,000	$58,000	140730
329	Byram Twp Homeowners Assoc	Sussex	Rehabilitation of 235,000 gallon storage tank	1904009-005	400	$102,000	$53,500	$155,500	120401
330	Collier Services	Monmouth	Replace existing 24,000 gallon elevated storage tank to prevent freezing and leakage	1328300-001	350	$350,000	$157,500	$507,500	140730

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331	Rosemont Water Company	Hunterdon	Replace existing underground hydro-pneumatic tank with ground level storage tank	1007002-003	225	$38,860	$17,487	$56,347	140730
332	Plausha Park Water Co	Morris	Rehabilitation of concrete storage facility including security measures and instrumentation	1421004-003	200	$135,000	$22,500	$174,000	140730
333	Haledon Borough	Passaic	Drilling of replacement well at Tilt Street community	1603301-001	100	$200,000	$90,000	$290,000	140730
334	Independence MUA	Warren	Improvements to Autumn Lane pump station	2112001-001	93	$200,000	$90,000	$290,000	130430
335	NJ American Water Co.-Ocean City	Cape May	Replacement of Water Meters	0508001-007	28,071	$1,000,563	$450,180	$1,450,743	140730
336	Westville Borough	Gloucester	Acquisition of 800 replacement water meters	0821001-003	4,500	$120,000	$27,600	$147,600	120401
337	NJ American Water Co.-Tri County	Burlington	Installation of a booster station including associated apputenances at Barrington	0327001-008	253,045	$500,000	$225,000	$725,000	140730
338	Brick Township MUA	Ocean	Installation of a replacement well as an ASR well	1506001-005	134,108	$3,000,000	$869,540	$3,869,540	140730
339	NJ American Water Co.-Atlantic	Atlantic	Smithvillve ASR Well	0119002-006	88,088	$900,000	$266,108	$1,166,108	140730
340	Stafford Township	Ocean	Redevelopment of wells # 2 and 5	1530004-015	26,818	$90,000	$42,200	$132,200	140730
341	Hamilton Township MUA	Atlantic	Installation of test well #11	0112001-001	25,420	$250,000	$145,000	$395,000	120401
342	Mahwah Township	Bergen	Installation of a new Nilson Ave. Booser Pump Station	0233001-011	24,062	$1,400,000	$477,752	$1,877,752	140730
343	Collingswood Borough	Camden	Replacement well at Crestmont Terrace & seal existing wells	0412001-004	14,326	$850,000	$202,600	$1,052,600	120401*
344	Collingswood Borough	Camden	Conversion of well #6 to ASR well	0412001-005	14,326	$450,000	$104,000	$554,000	120401*
345	Verona Township	Essex	Construction of a new Fairview Ave tank	0720001-003	13,641	$2,000,000	$770,000	$2,770,000	140730
346	Bordentown City	Burlington	Construct a 1.25 MG storage tank	0303001-005	13,250	$2,600,000	$676,000	$3,276,000	140730
347	East Hanover Township	Morris	Construction of a new water storage tank	1410001-005	10,000	$2,500,000	$930,000	$3,430,000	140730
348	Harding Woods MHC	Salem	Installation of new water meters in Harding Woods Mobile Home Park	1710001-002	1,103	$210,000	$94,500	$304,500	140730
349	Lake Glenwood Village	Sussex	Installation of a new 8,000 gal. underground concrete water storage tank	1922010-003	250	$50,000	$22,500	$72,500	140730
350	North Shore Water Association	Sussex	Installation of storage tank	1904004-003	105	$300,000	$60,000	$360,000	130430
351	Colby Water Company	Sussex	Installation of a new storage tank	1904007-002	75	$150,000	$67,500	$217,500	140730
352	East Orange Water Commission	Essex	Rehab of Braidburn wells #1 & #2; Canoe Brook wells #2, #3 & #4	0705001-004	119,650	$1,196,000	$512,720	$1,708,720	140730
353	East Orange Water Commission	Essex	Replacement of electrical cable for wellfield which includes Well Nos. 3, 4 & 5	0705001-005	119,650	$950,000	$427,500	$1,377,500	140730

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354	NJ American Water Co.-Ocean City	Cape May	Third Street Well Replacement	0508001-003	61,047	$2,000,000	$770,000	$2,770,000	140730
355	**Washington Township MUA**	**Gloucester**	**Installation of solar system for wells # 18, 19 & 20**	**0818004-008**	**47,115**	**$638,000**	**$287,100**	**$925,100**	140701
356	Jackson Township MUA	Ocean	Installation of a water main and booster station to interconnect the Legler system	1511001-008	32,500	$2,766,500	$1,015,280	$3,781,780	140730
357	Garfield City	Bergen	Rehabilitation of Well 1A	0221001-003	29,780	$400,000	$180,000	$580,000	140730
358	East Windsor MUA	Mercer	Installation of solar panels at 2 facilities	1101002-004	27,200	$1,522,500	$617,200	$2,139,700	130430
359	Burlington Township	Burlington	Purchase of water meters to replace existing meters-Phases 2 to 4	0306001-003	22,000	$250,000	$20,000	$270,000	140730
360	Pompton Lakes MUA	Passaic	Installation of emergency generator at wells	1609001-004	11,435	$175,000	$78,750	$253,750	140730
361	Fayson Lake Water Co	Morris	Upgrade security features at drinking water facilities	1415001-004	3,010	$10,000	$4,500	$14,500	140730
362	West Milford MUA-Olde Milford System	Passaic	Replace Generator	1615016-002	1,625	$39,000	$17,550	$56,550	130430
363	Hampton Borough	Hunterdon	Construction of back up well	1013001-001	1,525	$250,000	$112,500	$362,500	130430
364	Forest Lakes Water Company	Sussex	Installation of two generators	1904003-001	1,500	$110,000	$49,500	$159,500	130430
365	West Milford MUA-Bald Eagle System	Passaic	Replace Generator	1615018-002	1,260	$30,000	$13,500	$43,500	130430
366	West Milford MUA-Crescent Park System	Passaic	Replace Generator	1615014-001	700	$39,000	$17,550	$56,550	130430
367	West Milford MUA-Awosting System	Passaic	Replace Generator	1615012-002	635	$39,000	$17,550	$56,550	130430
368	West Milford MUA-Greenbrook Estates System	Passaic	Replace Generator	1615002-002	600	$46,000	$22,600	$68,600	130430
369	Byram Twp Homeowners Assoc	Sussex	Installation of emergency generator and security features	1904009-004	400	$18,000	$10,000	$28,000	120401
370	West Milford MUA-Birch Hill System	Passaic	Replace Generator	1615001-002	180	$12,500	$5,625	$18,125	130430
371	West Milford MUA-Parkway System	Passaic	Replace Generator	1615006-002	115	$12,500	$5,625	$18,125	130430
372	NJ American Water Co.-Coastal North System	Monmouth	Monterey Iron Removal	1345001-007	289,553	$5,000,000	$1,730,000	$6,730,000	140730
373	Middlesex Water Company	Middlesex	Installation of nanofiltration for hardness removal (So. Tingley Lane)	1225001-004	250,010	$2,000,000	$770,000	$2,770,000	140730
374	Middlesex Water Company	Middlesex	Installation of nanofiltration for hardness removal (No. Tingley Lane)	1225001-003	250,010	$1,500,000	$610,000	$2,110,000	140730
375	NJ American Water Co.-Elizabethtown	Union	Installation of New Water Meters	2004002-009	609,325	$161,448	$72,652	$234,100	140730
376	Belleville Township	Essex	Replacement of water meters	0701001-005	35,928	$3,000,000	$1,090,000	$4,090,000	140730

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377	Barnegat Township	Ocean	Replacement of water meters & Back flow preventers	1533001-002	15,300	$450,000	$202,500	$652,500	140730
378	East Hanover Township	Morris	Renovation of treatment plant - addition of ion exchange for well #1 & #2	1410001-001	10,000	$900,000	$405,000	$1,305,000	140730
379	Florham Park Boro	Morris	Construction of Water Treatment Facility for removal of manganese	1411001-001	8,857	$5,198,709	$1,793,587	$6,992,296	140730
380	NJ American Water Co.-Coastal North System	Monmouth	Installation of New Water Meters	1345001-014	289,553	$96,139	$43,258	$139,397	140730
381	NJ American Water Co.-Tri County	Burlington	Installation of New Water Meters	0327001-012	253,045	$116,624	$52,481	$169,105	140730
382	NJ American Water Co.-Short Hills	Essex	Installation of New Water Meters	0712001-014	217,230	$171,818	$77,318	$249,136	140730
383	Bellmawr Borough	Camden	A new 0.3 MG storage tank is needed to serve a Brownfield redevelopment area.	0404001-004	9,522	$380,000	$171,000	$551,000	140730
384	Bellmawr Borough	Camden	Replacement of water mains will be needed to serve a redevelopment area.	0404001-003	9,522	$6,100,000	$2,082,000	$8,182,000	140730
385	NJ American Water Co-Mt Holly	Burlington	Installation of New Water Meters	0323001-003	42,035	$7,092	$3,191	$10,283	140730
386	Burlington Township	Burlington	Rehabilitate well #4	0306001-002	22,000	$75,000	$6,000	$81,000	140730
387	NJ American Water Co.-Little Falls	Passaic	Installation of New Water Meters	1605001-003	11,247	$92,036	$41,416	$133,452	140730
388	Collier Services	Monmouth	Install new meters and water conservation devices at Collier Services Bldgs	1328300-005	350	$3,000	$1,350	$4,350	140730
389	NJ American Water Co.-Short Hills	Essex	Interconnection of Twin Lake and Short Hill Systems	0712001-004	217,230	$600,000	$270,000	$870,000	140730
390	Garfield City	Bergen	Upgrade to SCADA	0221001-007	29,780	$50,000	$22,500	$72,500	140730
391	Lower Township MUA	Cape May	Installation of well #10	0505002-002	9,700	$1,500,000	$610,000	$2,110,000	140730
392	Lower Township MUA	Cape May	Extension of water mains to service homes that are on private wells	0505002-001	9,700	$5,000,000	$1,730,000	$6,730,000	140730
393	NJ American Water Co.-Elizabethtown	Union	Replacement of Water Meters	2004002-010	609,325	$1,847,297	$721,135	$2,568,432	140730
394	Franklin Township	Somerset	Construction of an interconnection w/ New Brunswick City including 1450 Lf of water main and a booster pump station	1808001-007	50,000	$600,000	$142,000	$742,000	140730
395	Jackson Township MUA	Ocean	Construction of back up well for Manhattan Water Treatment Plant	1511001-006	32,500	$489,080	$220,086	$709,166	140730
396	Jackson Township MUA	Ocean	Constructing a bldg and installing emergency generator for well #8	1511001-009	32,500	$600,000	$270,000	$870,000	130430
397	Berlin Borough	Camden	Redrilling of well, approximately 450 feet deep	0405001-007	13,121	$600,000	$270,000	$870,000	140730
398	Pemberton Township	Burlington	well #6-redevelop & replace pump	0329004-003	12,400	$250,000	$145,000	$395,000	120401
399	Freehold Borough	Monmouth	Replace and construct two well houses that protect well pumps	1315001-001	11,029	$125,000	$56,250	$181,250	140730

RANK	SYSTEM NAME	COUNTY	PROJECT DESCRIPTION	PROJECT NUMBER	POP. SERVED	BUILDING COST	SUPPORT COST	TOTAL PROJECT COST	EST. STATE CERT. DATE (yymmdd)
400	Hightstown Borough	Mercer	New Well #3 - Upgrades to plant, well house and pump	1104001-002	5,516	$500,000	$225,000	$725,000	140730
401	National Park Borough	Gloucester	Redevelopment/ Rehabilitation to Well 5 with a new well house	0812001-002	3,289	$94,100	$40,835	$134,935	140730
402	Fayson Lake Water Co	Morris	Construct an interconnection for bulk purchase	1415001-005	3,010	$3,200,000	$1,154,000	$4,354,000	140730
403	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	1,618	$545,700	$43,656	$589,356	140730
404	Mount Olive Township	Morris	Installation of 5,300 LF of 12 inch main to interconnect Tinc Farm and Goldmine; interconnect Lynnwood System within Mount Olive Township	1427015-001	500	$757,000	$212,000	$969,000	120401
405	Fountainhead Properties, Inc.	Ocean	Improvements/Replacement of well #1	1511013-004	280	$160,000	$32,000	$192,000	130430
406	Fountainhead Properties, Inc.	Ocean	Rehabilitation of well #2	1511013-003	280	$25,000	$5,000	$30,000	130430
407	NJ American Water Co.-Coastal North System	Monmouth	Replacement of Water Meters	1345001-015	289,553	$758,658	$341,396	$1,100,054	140730
408	NJ American Water Co.-Tri County	Burlington	Replacement of Water Meters	0327001-013	253,045	$6,810,000	$2,309,200	$9,119,200	140730
409	NJ American Water Co.-Short Hills	Essex	Replacement of Water Meters	0712001-015	217,230	$3,459,147	$1,236,927	$4,696,074	140730
410	NJ American Water Co-Mercer	Mercer	Replacement of Water Meters	1103002-001	120,000	$4,414,176	$1,542,536	$5,956,712	140730
411	Ridgewood Village	Bergen	Replacement of 14,629 water meters with radio frequency meters	0215001-024	61,700	$4,235,435	$1,485,339	$5,720,774	140730
412	Franklin Township	Somerset	Replace water meters	1808001-005	50,000	$3,500,000	$1,250,000	$4,750,000	140730
413	NJ American Water Co-Mt Holly	Burlington	Replacement of Water Meters	0323001-004	42,035	$1,796,443	$703,542	$2,499,985	140730
414	Nutley Township	Essex	Replace 6,400 antiquated water meters and retrofit 2,600 meter heads	0716001-001	27,362	$2,822,500	$254,025	$3,076,525	120401
415	NJ American Water Co.-Little Falls	Passaic	Replacement of Water Meters	1605001-004	11,247	$945,530	$425,489	$1,371,019	140730
416	Mine Hill Township	Morris	Replace water meters	1420001-004	3,400	$210,000	$94,500	$304,500	140730
417	Fayson Lake Water Co	Morris	Replace approximately 800 water meters	1415001-006	3,010	$57,900	$26,055	$83,955	140730
418	Pine Beach Borough	Ocean	Replacement of meters townwide to electronic read meters	1522001-001	2,080	$300,000	$135,000	$435,000	130430
419	Byram Twp Homeowners Assoc	Sussex	Replacement of water meters for 150 homes with remote read system	1904009-001	400	$59,300	$30,700	$90,000	120401
420	**Matawan Borough**	**Monmouth**	**Rehabilitate the Borough's two wells**	**1329001-003**	**7,722**	**$232,801**	**$63,571**	**$296,372**	140730

RANK	SYSTEM NAME	COUNTY	PROJECT DESCRIPTION	PROJECT NUMBER	POP. SERVED	BUILDING COST	SUPPORT COST	TOTAL PROJECT COST	EST. STATE CERT. DATE (yymmdd)
421	NJ American Water Co.-Coastal North System	Monmouth	Drill two additional wells to increase the capacity at Yellowbrook WTP	1345001-011	289,553	$3,200,000	$1,464,433	$4,664,433	140730
422	Jackson Township MUA	Ocean	Ancillary Improvements to the Old Manhattan Water Treatment Facility	1511001-007	32,500	$1,500,000	$610,000	$2,110,000	140730
423	Barnegat 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	15,300	$208,000	$93,600	$301,600	140730
424	New Jersey Water Supply Authority	Monmouth	Construction of Intake Pumping Intake Building	1352005-004	42,477	$3,640,000	$360,000	$4,000,000	120401
425	Montclair Township	Essex	Redevelop Glenfield Wells	0713001-006	38,977	$500,000	$225,000	$725,000	140730
426	Montclair Township	Essex	Construction of a Water Treatment Plant and main for Nishuane well	0713001-008	38,977	$740,000	$333,000	$1,073,000	140730
427	Marlboro Township	Monmouth	Construction of new Tenant Rd WTP to treat well #5	1328002-001	30,000	$6,000,000	$2,050,000	$8,050,000	130430
428	Lacey Township	Ocean	Construction of two test wells # 7 and 8	1512001-001	26,240	$1,846,000	$382,680	$2,228,680	140730
429	Lacey Township	Ocean	Upgrade of WTP to make wells # 7 and 8 operational	1512001-002	24,000	$2,895,200	$56,464	$2,951,664	130430
430	East Hanover Township	Morris	New Water Treatment Plant for Well 6	1410001-002	10,000	$2,275,000	$858,000	$3,133,000	140730
431	Hopatcong Borough	Sussex	Install new well and construct associated treatment facilities, SCADA system, generator & mains	1912001-008	7,900	$666,000	$299,700	$965,700	140730
432	Hopatcong Borough	Sussex	Construction of a new surface water treatment plant for reactivated Elbo Pt well	1912001-010	7,900	$1,800,000	$706,000	$2,506,000	140730
433	East Greenwich Township	Gloucester	Construct new well #3	0803001-001	4,500	$575,000	$258,750	$833,750	140730
434	East Greenwich Township	Gloucester	Construction of a well house for well#4 w/ associated piping	0803001-003	4,500	$3,000,000	$470,000	$3,470,000	140730
435	Fayson Lake Water Co	Morris	Upgrades to pump and telemetering on well #7	1415001-011	3,010	$8,000	$3,600	$11,600	140730
436	Fayson Lake Water Co	Morris	Drill new well #9	1415001-010	3,010	$470,000	$211,500	$681,500	140730
437	Fayson Lake Water Co	Morris	Drill well #8 to replace existing wells	1415001-009	3,010	$290,000	$130,500	$420,500	140730
438	Pine Beach Borough	Ocean	Replacement of well #1	1522001-002	2,080	$300,000	$135,000	$435,000	130430
439	West Milford MUA-Olde Milford System	Passaic	rehabilitation of well	1615016-003	1,625	$132,000	$59,400	$191,400	130430
440	Farmingdale Borough	Monmouth	Redevelop well #3; upgrade control system for well #3 & 4, misc improvements to the WTP	1314001-001	1,500	$446,000	$89,200	$535,200	140730
441	West Milford MUA-Bald Eagle System	Passaic	rehabilitation of well	1615018-003	1,260	$66,000	$29,700	$95,700	130430
442	NJ American Water Co.-Bridgeport	Gloucester	Beckett Well Replacement	0809001-001	1,085	$450,000	$133,054	$583,054	140730

RANK	SYSTEM NAME	COUNTY	PROJECT DESCRIPTION	PROJECT NUMBER	POP. SERVED	BUILDING COST	SUPPORT COST	TOTAL PROJECT COST	EST. STATE CERT. DATE (yymmdd)
443	West Milford MUA-Awosting System	Passaic	rehabilitation of well	1615012-003	635	$90,000	$40,500	$130,500	130430
444	Byram Twp Homeowners Assoc	Sussex	Rehabilitation of wells # 1 & 2	1904009-003	400	$25,000	$13,500	$38,500	120401
445	West Milford MUA-Birch Hill System	Passaic	rehabilitation of well	1615001-003	180	$60,000	$27,000	$87,000	130430
446	West Milford MUA-Parkway System	Passaic	rehabilitation of well	1615006-003	115	$66,000	$29,700	$95,700	130430
447	North Shore Water Association	Sussex	Rehabilitation of well #1 & installation of back up well #2	1904004-004	105	$100,000	$20,000	$120,000	130430
448	Colby Water Company	Sussex	Installation of back up well	1904007-001	75	$100,000	$45,000	$145,000	140730
449	Somerset County Improvement Authority/NJAWCo	Esex	Installation of water mains at redevelopment project	0712001-013	217,230	$1,000,000	$452,000	$1,452,000	140730
450	Sayreville Borough	Middlesex	Construct new transmission mains in the northeast section of the Borough	1219001-005	40,377	$1,000,000	$430,000	$1,430,000	140730
451	Mount Laurel Township MUA	Burlington	Construct a new 4 MGD surface water treatment plant	0324001-002	40,221	$32,300,000	$9,128,000	$41,428,000	140730
452	Mahwah Township	Bergen	Construction of two new wells	0233001-009	24,062	$600,000	$270,000	$870,000	140730
453	Montville Township	Morris	Installation of 2,300 LF of 8 inch water main and appurtances on Hillcrest and Upper Mountain Avenues	1421003-001	21,000	$325,000	$146,250	$471,250	140730
454	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	5,150	$650,000	$292,500	$942,500	140730
455	Woodland Park Borough	Passaic	Extension of water mains to service homes that are on private wells	1616001-001	5,030	$1,730,000	$683,600	$2,413,600	140730
456	Fayson Lake Water Co	Morris	Upgrade telemetry on Round Hill Storage Tank	1415001-008	3,010	$20,000	$9,000	$29,000	140730
457	Logan Township	Gloucester	Water Main Extension	0809002-001	192	$1,257,725	$532,472	$1,790,197	140730
					Total:	$1,034,412,315	$325,393,805	$1,360,339,595	
	*second chance project								
	Date: 12/12/11								

Trust Meeting Dates

JANUARY 12, 2012

FEBRUARY 9, 2012 (if necessary)

MARCH 8, 2012

APRIL 12, 2012

MAY 10, 2012

JUNE 14, 2012

JULY 12, 2012

AUGUST 9, 2012

SEPTEMBER 13, 2012

OCTOBER 11, 2012

NOVEMBER 9, 2012 (if necessary)

DECEMBER 12, 2012

Meetings of the New Jersey Environmental Infrastructure Trust are conducted at the trust's offices at Building 6, Suite 201, 3131 Princeton Pike, Lawrenceville, NJ. Note 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 by calling (609) 219-8600.