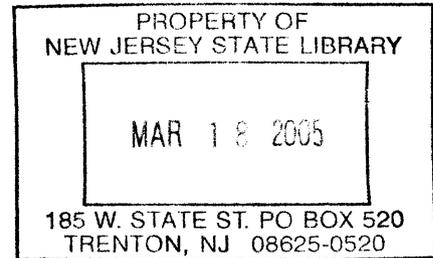


*New Jersey Environmental  
Infrastructure Financing Program*



*Project Priority List &  
Financial Strategy*

*Submitted to the State Legislature*

*By*

*The New Jersey Environmental  
Infrastructure Trust*



*and*

*The New Jersey Department of  
Environmental Protection*

*January 2005*



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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***

***Robert A. Briant, Sr.,  
Chairman***



***New Jersey  
Environmental Infrastructure Trust***

***Bradley M. Campbell, Commissioner***



***New Jersey  
Department of Environmental Protection***

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## **Appendix A – Clean Water Project Descriptions**

## **Appendix B – Interim Financing Program Eligibility List**

The 2004 Financing Program closed on \$289,537,573 in loans which financed 53 projects with \$284,910,310 in eligible project costs.

The Trust also looks for opportunities to refinance bond issues when a minimum 3% net present value of savings can be obtained. In 2004 the Trust refinanced the 1995A Series bond issue and received an interest rate of 3.46%. All savings from the refinancing are passed on to the borrowers of that issue.

Key to New Jersey's future is the ability to provide clean, usable water to its citizens and industry. Access to good quality potable water is a must for any endeavor and proper treatment of wastewater is essential to ensure that valuable water resources remain clean and usable. Maintenance of these vital infrastructure components is critical. The Financing Program plays an integral part in meeting these needs. The Financing Program establishes a funding mechanism for the construction of environmental infrastructure projects that prevent, reduce or treat pollutants from adversely impacting groundwater, rivers, lakes and other bodies of water. The construction of these projects maintains and improves water quality and protects and enhances drinking water supplies. Continued economic growth cannot continue without adequate environmental infrastructure.

Statewide clean water needs now exceed \$12.83 billion. In recognition of the significant water quality improvement needs that have not been met in the country, Congress has continued to appropriate funds annually under the Federal Clean Water Act. While EPA continues to provide Clean Water Funding, the Clean Water allotment was reduced by 18% for the 2005 Financing Program. Statewide drinking water needs are estimated to be over \$3.6 billion over the next twenty years pursuant to the February 2001 Drinking Water Infrastructure Needs Survey Second Report to Congress.

Eligible projects must be listed on the Clean Water Project Priority List and the Drinking Water Project Priority List (Priority Lists) in order to participate in the Financing Program.

While sufficient funds are anticipated to be available for the Clean Water projects in the 2005 Financing Program, funds are more limited on the Drinking Water side. The Program transferred, in accordance with the federal statutes, funds from the clean water program to the drinking water program over the past few years. With the growth in funding expected to be requested under both programs, additional resources will be required if we are to continue our efforts to meet New Jersey's environmental infrastructure needs. A detailed financial plan will be presented to the Legislature by May 15, 2005.

The Environmental Infrastructure Financing Program, reserves the right to finance additional projects; (projects not currently on this year's priority list or included in the current financing cycle) in the upcoming funding cycle that are able to meet certain criteria as jointly established by the Trust and the NJDEP for said projects to be added to the current or amended priority list and "Intended Use Plan".

We look forward to meeting with you at your convenience to answer any questions you may have regarding the New Jersey Environmental Infrastructure Financing Program. Thank you for your time and continued support.

Sincerely,

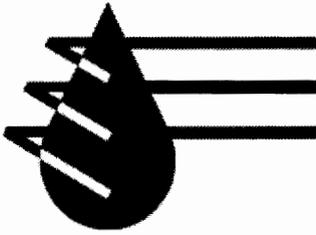
Handwritten signature of Robert A. Briant, Sr. in black ink, written over a horizontal line.

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

Handwritten signature of Bradley M. Campbell in black ink, written over a horizontal line.

Bradley M. Campbell, Commissioner  
New Jersey Department of Environmental  
Protection





## **ENVIRONMENTAL INFRASTRUCTURE FINANCING PROGRAM**

The following is a summary of the financing goals of the New Jersey Environmental Infrastructure Financing Program (the "Financing Program"), a review of the 2004 Financing Program and an introduction to the 2005 Financing Program.

### **Goals and Structure**

The Trust and the Department established several basic goals at the Financing Program's inception in 1987, and continues to pursue these goals. The main objectives of the Financing Program, as established by the Trust and the Department are:

- To provide a credible and effective financing program for clean water and drinking water projects;
- To provide financing for projects at a cost much lower than individual program participants could achieve on their own, thereby reducing user costs. For each year of the Financing Program, the cost of project financing has been much lower than the cost of an individual participant to finance its own project.
- To enable participants to achieve higher credit ratings and better access to credit markets. For the participant who would have found it difficult and expensive to gain access to credit markets on their own, either because their credit ratings are low or because the debt financing process is unfamiliar, the Financing Program facilitates access to capital.

The Financing Program is structured to enable each program participant to finance its allowable project costs from (i) an interest-bearing loan from the Trust, and (ii) a zero percent interest loan from the Department. The Trust's interest bearing loans are financed with the proceeds from the sale of Revenue Bonds. The zero percent loans are capitalized with federal grants to the State's Clean Water and Drinking Water State

Revolving Fund programs, a portion of the state match, proceeds from the sale of State General Obligation Bonds and repayments on the loans issued by the Department.

The Trust's Reserve Fund has generally been funded from a portion of the required state match (20% of the federal grant), General Obligation Bond proceeds and project loan repayments. Amendments to both the Trust legislation and the federal Drinking Water SRF legislation permit loans to be issued to private water purveyors. The Debt Service Reserve Fund, for these projects, will be funded through additional borrowing by the private sector participants for their portion of the Debt Service Reserve Fund. The Reserve Fund requirement is approximately 10% of the loan from the Trust.

### 2004 Financing Program Review

The following sets forth the results of the 2004 Financing Program and identifies the important implications for the 2005 Financing Program.

2004 FINANCING	CLEAN WATER*	DRINKING WATER	PINELANDS
Number of Projects Financed	37	16	0
Loan Amounts	\$232 Million	\$58 Million	0

\* This includes the purchase and preservation of land for water quality protection.

There were no Pinelands Infrastructure projects that requested financing in the 2004 financing cycle.

#### 1. Adherence to Original Financing Elements

The Trust's inherently complex pooled financial structure creates some administrative difficulty not encountered in debt issuances for single projects. Most arise from the need to escrow-close many loans in a short period of time prior to bond sale. This situation is typical of pooled loan programs. In recent years, the Trust has implemented a number of changes to the Financing Program that have permitted it to considerably simplify the application process. In addition, since the Financing Program includes an allowance to assist participants in hiring professional advisors, the administrative burden on participants has been reduced. The Trust will continue to review the program to determine whether changes can be made which reduce the amount of administrative work required by the participants and ease the bond issuance process. Nevertheless, the savings in financing costs and the ease of market access received by participants in the Financing Program far outweigh the administrative complexity.

The 2004 Financing Program continued the practice of closing in escrow the Trust and Department loans for the projects being financed. This practice has succeeded in significantly reducing the risk of not closing bond issues by forcing the participants to focus on the issues relative to their loans in the context of pooled financing prior to the competitively bid bond sale.

## 2. Ratings Achieved

The Trust sold two series of bonds secured by (i) general obligation pledges from municipalities or counties, service agreements with authorities or other credit enhancements, or in the case of the private water companies a corporate bond or a Junior Lien Mortgage, (ii) the State aid intercept mechanism, and (iii) the Trust's reserve fund. The series of bonds issued in 2004 achieved ratings of AAA, AAA and Aaa from Fitch Investor's Service, Standard & Poor's and Moody's, respectively. The 2004 Bonds were uninsured.

The 2004 Financing Program's pool structure again provided security for the Trust bonds by enabling both Trust and Department loan repayments received from the participants in the pool of loans to be applied to the payment of debt service then due on the bonds.

In addition, the Department loan repayments for the 1989 through the 2004 Bond Issues, after first providing coverage on the Trust bonds within the individual issue, may be used, if necessary, to cover any deficiencies on the 1995 through 2004 Trust Bonds' debt service. This increased coverage was the major factor in obtaining the highest rating from all three rating agencies for uninsured bond issues.

The financing structure described above was also adopted in the Drinking Water Program. The New Jersey Environmental Infrastructure Financing Program was the first financing program in the country approved by the USEPA to provide cross collateralization between the Clean Water Financing Program and Drinking Water Financing Program. Cross collateralization allows the Trust to include within the same pool of borrowers both clean water and drinking water projects and results in the Drinking Water Program participants receiving the same financial benefits as the Clean Water Program participants.

## 3. Results of Bond Sale and Effect on Participants' Debt Service Costs

The October 13, 2004 sale date brought eight bids for the Trust's Series 2004A Bonds with a winning bid from a syndicate headed by Merrill Lynch & Co. with a true interest cost of 4.049% (adjusted true interest cost 4.042270%). The Series 2004B AMT Bonds brought three qualified bids with a winning bid from Wachovia Bank, National Association at a true interest cost of 4.462% (adjusted true interest cost 4.446887%). Under the Program, the proceeds from the bond sale enable the Trust to issue loans at market rates. These loans coupled with zero interest loans from the Department, along

with the benefits of reduced issuance costs and interest income from the reserve fund enable participants to finance projects at a savings of approximately one third.

The October 13, 2004 market proved favorable, the rate achieved on the Series 2004A Bonds was in fact the lowest rate ever received for Trust's Bonds. The Trust's Bonds have historically been well received by the market. Therefore, financing in 2005 and beyond are expected to do well, market conditions permitting.

#### 4. Liaison with Financial Community

A successful debt-financing program depends largely on favorable communication and liaison with the financial community. The Trust established and continues to maintain communication with the rating agencies, underwriters and bond insurers.

#### 5. Secondary Disclosure

The Securities and Exchange Commission under Rule 15c2-12 established a requirement that issuers of bonds provide continuing disclosure as a prerequisite for brokers to sell the bonds of the issuers. While satisfying this requirement, the Financing Program structure minimizes the burden of this requirement on Program participants.

Under the existing Financing Program structure, borrowers whose annual debt service obligation equals or exceeds ten percent of the total annual debt service requirement of all borrowers in the combined pools that provide coverage (1989-2003 bond issues) will need to provide continuing disclosure. In the 2004 Financing Program no borrower was in this category. This greatly reduces the future obligation of most of the participants in the Financing Program.

#### 6. Direct Loan Program

The Financing Program has found that for some small private borrowers such as homeowners associations, trailer parks, etc., it is impractical to include them in a bond pool with larger private borrowers or governmental borrowers. There were no direct loans issued as part of the 2004 Financing Program.

#### 7. Refunding of Prior Issues

On April 13, 2004 the Trust received an interest rate of 3.46% in the refinancing of the 1995A series bonds. The Trust refinances outstanding bond issues when minimum savings of 3% net present value can be obtained. All savings from refinancing an issue are passed along to the borrowers of that issue. The Trust will continue its review of past financings to determine the feasibility of issuing current and/or advance refunding bonds to reduce the debt service requirements of some of the previously issued bonds.

## **Financial Strategy for 2005**

The Department will update and amend the Intended Use Plan (IUP). This will allow additional projects to be financed in 2005 that are not listed in this report. The Priority System includes the second chance option to accommodate project sponsors that missed the initial application deadline of October 4, 2004. Such projects will be given a second opportunity to participate in the 2005 Financing Program. Sponsors were strongly encouraged to submit the required documentation by the October deadline if at all possible. Projects that met the October deadline will be given higher priority for eligibility for long-term funding than second chance projects, and will have a better opportunity to participate in the Trust's interim financing program in the current funding cycle. Sponsors of second chance projects must submit, on or before March 7, 2005, complete planning and design documents, a loan application and proof that all applicable DEP permits/approvals have been applied for in order to be considered for the second chance option.

The 2005 Environmental Infrastructure Financing Program will include projects ranked on either the clean water priority list or the drinking water priority list. Except in the case where funds from one source are specifically transferred to the other fund in accordance with federal statute, federal and State funds designated for clean water will not be used to finance a drinking water project or vice versa. The Trust will establish one or more pools of borrowers comprised of projects from both lists.

The 2005 financing strategy will be similar to 2004's. The Department and the Trust will continue to assess the program in an effort to streamline procedures and decrease the cost of financing. The objective is to ease the administrative burden on participants while maintaining the credit ratings, market access of the Trust's securities and, in the process, further reduce the cost of project financing for program participants.

As part of the statewide effort to revitalize developed areas, the Department and the Trust introduced a 'Smart Growth Financing Package' under the 2003 Environmental Infrastructure Financing Program. The Smart Growth Financing Package (i.e., the "75/25" funding), whereby qualifying projects receive financing at one-quarter the market rate (rather than the traditional program's half-market rate loans), has been expanded. Projects that qualify for this special lower-interest rate program include:

1. clean water and drinking water infrastructure projects serving an approved Urban Center (which includes Atlantic City, Camden, Elizabeth, Jersey City, New Brunswick, Newark, Paterson, and Trenton) or an approved Urban Complex (which includes the Hudson County Urban Complex encompassing the Jersey City Urban Center and Development Activity Areas in Bayonne, East Newark, Guttenberg, Harrison, Hoboken, Jersey City, Kearny, North Bergen, Secaucus, Union, Weehawken and West New York),
2. projects that eliminate or improve combined sewer overflows, and

3. projects that involve the acquisition of open space lands, and
4. wastewater and/or stormwater infrastructure projects to serve increased populations in Transit Villages designated as such by the inter-agency Transit Village Task Force, and
5. brownfields remediation projects located in DEP-designated Brownfields Development Areas (BDAs), and
6. projects that involve the repair and/or replacement of individual septic systems through a Septic Management District.

As indicated above, for the FFY2005 Financing Program, the Financing Program has expanded the universe of projects eligible for the "75/25" Smart Growth Financing Package.

Under item 6 above, 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.

By providing the Smart Growth Financing Package to such projects, the Program:

- corrects existing wastewater problems in a way that is appropriate to a rural environment;
- the correction does not result in inappropriate growth-inducement that could potentially occur with construction of a centralized collection and conveyance system;
- the on-going operation of the SMD results in pollution control benefits and reduced water supply impacts; and
- the funding enhancement may entice additional municipalities to establish their own SMD and address long-standing failing septic system problems.

In further explanation of item 5 above Designated Brownfields Development Areas are areas that have applied for and have received formal designation by the DEP under the BDA Initiative. Applications for such designation are accepted two times per year and the list of potential applicants can be expected to grow over time. 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.

Currently, eight BDAs have been designated: Trenton, Elizabeth, two areas in Camden, Palmyra, Irvington, Newark and Hillside. 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.

By providing the Smart Growth Financing Package to such projects, the Program:

- provides a financial incentive that could encourage other municipalities to seek BDA designation to qualify for the EIFP's "75/25" funds;
- provides an alternative source of financing, and at a lower cost than is currently available to correct the water quality related aspects of brownfields remediation projects; and
- may enable more efficient use of available State funding, in which EDA funds can be directed to support the redevelopment aspects of such projects, as these costs are not eligible under the Financing Program.

Item 4 above refers to 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.

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. This can be in the form of a redevelopment plan, zoning ordinance, master plan or overlay zone. There are currently 14 designated Transit Villages. They are Pleasantville (1999), Morristown (1999), Rutherford (1999), South Amboy (1999), South Orange (1999), Riverside (2001), Rahway (2002), Metuchen (2003), Belmar (2003), Bloomfield (2003), Bound Brook (2003), Collingswood (2003), Cranford (2003) and Matawan (2003).

By providing the Smart Growth Financing Package to such projects, the Program:

- provides enhanced financing to enable municipalities to address the increased need for wastewater and/or stormwater infrastructure to serve population increases in the designated Transit Village;
- provides a financial incentive that could encourage other municipalities to seek approval for the Transit Village designation to qualify for the EIFP's "75/25" funds; and
- advances the Smart Growth goals inherent in the Transit Village Area Initiative, including not only the community revitalization, but two other goals of the Transit Village Initiative, to reduce traffic congestion and improve air quality by increasing transit riders.

A further advantage for Urban Center/Urban Complexes under the "Smart Growth Program" is a change in Department/Trust loan shares, a rule amendment was adopted to allow the Department to fully fund its share of project costs related to reserve capacity for projects that serve urban areas as a way to promote smart growth. Previously, the Department limited loan amounts to the cost of the project to address existing needs and needs projected through the anticipated commencement of operations; reserve capacity costs were typically funded by the Trust at market rate, with local resources paying for the debt service reserve. To encourage growth in already developed areas, the Department now provides an increased subsidy by fully funding, with a zero-percent loan, its share of the reserve capacity associated with growth for projects that serve an approved Urban Center or an approved Urban Complex (as identified above).

The Trust intends for the 2005 Bonds to be coverage, receiving and giving. The increased debt service coverage provided by this financing structure would result in the best possible bond ratings from the rating agencies and eliminate, in most cases, the need for bond insurance thereby reducing the cost of financing for borrowers.

The Trust continues to work with the Department in managing the drinking water component of the Financing Program. Since USEPA has approved New Jersey's proposal for cross-collateralization between the federal Clean Water and Drinking Water Programs, the drinking water projects included in the Environmental Infrastructure Financing Program are able to take advantage of the "triple A" bond ratings established by the Clean Water Program.

The Trust will also continue to evaluate the Tax Reform Act of 1986 and any amendments, as well as the various Internal Revenue Service (IRS) regulations and their impact on the ability to provide financing to participants at a cost lower than they could achieve on their own. The Trust may suggest modifications in its 2005 financial structure to reflect any changes in the tax law, or its interpretation, to increase the flexibility of the Trust in achieving its objectives. The financial strategy and structure for the 2005 Program will be included in the Financial Plan due to the Legislature in May of 2005. The Financial Plan must be approved by a concurrent resolution of both Houses of the Legislature before the Trust can proceed with the 2005 Financing Program.

The DEP has added provisions aimed at preserving the funding eligibility of construction costs that are incurred to undertake emergency repairs of existing infrastructure. These provisions will enable the Financing Program to provide preaward approval, and in some cases Trust interim financing for wastewater and stormwater infrastructure that is in need of immediate repair due to the unforeseen failure of the collection, conveyance and/or treatment components of the system. Such emergency projects would not need to be listed individually on an approved Priority List for the Trust to use CWSRF monies for its interim financing program. While the DEP has progressed in this direction, federal requirements, continue to apply to these projects. Since timing is of the essence in addressing these situations, an expeditious approval process is being established. Sponsors are encouraged to contact Municipal Finance & Construction Element as soon as practical in the event of such emergency situations for guidance regarding applicable requirements to insure funding eligibility of the project.

## **2005 CLEAN WATER PRIORITY SYSTEM**

### **Introduction**

In conformance with the New Jersey Environmental Infrastructure Trust Act, the Financing Program requires that the Department develop a project priority list for funding by the Trust in conformance with the applicable provisions of the federal "Water Pollution Control Act Amendments of 1972" and any amendatory or supplementary acts thereto and State law. Under the Federal Act, a Priority System has been developed by the Department, and is subject to approval by the United States Environmental Protection Agency each year. It ranks projects based upon existing water quality conditions and anticipated impacts on existing and potential water uses. The water quality improvement projects eligible under the clean water component of the Financing Program includes wastewater/combined sewer overflow systems, stormwater/nonpoint source management facilities including land acquisition and water supply sludge treatment systems.

Each year the Department holds a public hearing on the Priority System proposal. The Proposed 2005 Priority System, Intended Use Plan and Project Priority List hearing was held on June 9, 2004. Participants were directed to notify the Department of their interest in participating in the Financing Program by committing to meet certain deadlines set forth in the Proposed Priority System, Intended Use Plan and Project Priority List for Federal Fiscal Year 2005 by October 4, 2004.

The following section describes the Priority System Ranking Methodology, which is used for the ranking of clean water projects. A section on the Clean Water Project Priority List, which includes a brief description of each project indicating its purpose, impact and cost, is included in the Appendix.

### **Ranking Methodology**

The DEP ranks all projects on the basis of the total number of ranking points each project receives and places the projects on the Priority List according to their ranking. Projects receive points under five categories. These are Approved Watershed Plan, Project Discharge Category, Water Use/Water Quality, State Planning Commission (SPC) Approvals, and Population. This year, the DEP is proposing to streamline the SPC categories to better reflect the designations given by the State Planning Commission. With this exception, the categories are consistent with the ranking methodology of the FFY2004 PS document and are discussed in sections A through E below.

#### A. Approved Watershed Plan Points

Prudent watershed planning will achieve cost-effective and environmentally sound water quality improvement within the watershed. To provide an incentive for project sponsors to complete watershed planning and to promote implementation of point and nonpoint source management projects, a project that is part of a DEP-approved watershed management plan receives 200 ranking points.

#### B. Project Discharge Category Points

All projects receive ranking points based on the project discharge category. 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 ranking points.

Project Discharge Category	Description	Points
Combined Sewer Overflow (CSO)	Correction of combined sewer systems and discharge points. Includes elimination, relocation or consolidation of discharge points and construction of facilities or purchase of equipment to remove solids and floatables.	250
Overflowing Sewers Via Infiltration/Inflow (I/I) Correction	Correction of overloaded conveyance systems that experience intermittent overflows, resulting in discharges of raw or inadequately treated sewage. Projects include rehabilitation, repair, and/or replacement of the conveyance system. Also includes Interconnection/Cross-Connection abatement projects that address documented water quality impairments.	250
Treatment Plant Improvements	Upgrade of a treatment facility or elimination of an existing facility and connection to an alternative treatment facility to meet applicable treatment levels. Also includes I/I correction within the conveyance	150

	system, if cost-effective, to allow the treatment plant to meet applicable treatment levels.	
Sludge Treatment/Disposal Facilities	Construction of sludge management facilities such as those for dewatering, land application, composting, and incinerator repair/improvements; includes wastewater and water supply sludges.	100
Corrective Systems	Construction of facilities to promote wastewater reuse or provide collection and/or conveyance, on-site management, treatment plants, or septage treatment to improve existing wastewater management systems.	50
Overloaded Sewers Via Infiltration/Inflow (I/I) Correction	Correction of overloaded conveyance systems that do not experience intermittent overflows as well as correction of Interconnections/Cross-Connections. Includes rehabilitation, repair, or replacement, as appropriate for the system.	50

Table IB. Ranking Points Related to Project Category for Stormwater and Nonpoint Source Pollution Management Facilities		
Project Category	Description	Points
Landfill Closure, Open Space Land Acquisition and Conservation and Well Sealing	Construction of measures to prevent and control pollutants from entering groundwater at non-operating municipal landfill sites and for wells (supply and monitoring). Also included in this category are open space land acquisition and conservation projects that are associated with water quality benefits.	100
Landfill Construction and Remedial Action Activities	Construction of facilities to collect, convey and/or treat leachate and runoff from new publicly owned landfill cells or from sites that are known to contain contaminated or hazardous materials.	75
Stormwater Management and other NPS activities	Construction or rehabilitation of stormwater basins, sewer systems and storm drains, extension of outfall pipes, purchase of maintenance equipment (such as street sweepers, beach cleaning equipment, 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 reduce and/or control runoff from agricultural cropland activities and to address pollution concerns associated with manure runoff and feedlot operations.	50

### C. Water Use/Water Quality Points

Points for water uses (present and potential) and for existing water quality conditions are given to projects that will improve discharges that adversely impact surface waters. 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.

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.	125
Fishing Shellfish	State water bodies that are designated as shellfish growing waters by N.J.A.C. 7:12.	125
	Trout	75
	Non-trout	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 DEP 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 municipal treatment facilities are a major cause of contravening water quality standards.

Nutrients reflect the presence of phosphorus/phosphates and nitrates/nitrites in a water body. Nutrients were given lower points because, although they may cause conditions that interfere with many water uses, the resulting conditions will usually not significantly affect the established water use of the site. Points were given to nutrients only if the surface waters involved significantly impact potable water reservoirs, surface water impoundment or lakes, public-bathing areas, or shellfish growing waters.

Points for toxics 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 and are not significantly abated by municipal treatment facilities. While NPS pollution also contributes to toxicity levels, the project types most likely to involve higher levels of toxic contaminants (such as landfills and contaminated sites) receive higher ranking than other NPS management projects in the project type category (see Table IB). 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.

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 Category	Nutrients	0	25	50
	Toxics	0	25	50

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

#### D. State Planning Commission Approvals

The DEP 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 DEP assigns ranking points to projects that serve municipalities that the SPC has approved under the Center Designation or Plan Endorsement Process. Last year, the DEP significantly increased the number of points awarded under the categories as listed under Table IV. This year, DEP is streamlining the categories under Table IV to match the designations and plan endorsements given by the SPC.

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.

Community Type	Points
Urban Centers and Complexes	50
Regional Centers	25
Existing Designated Towns	15
Existing Villages	10
Hamlets	5

In addition, the DEP awards 10 additional priority points to projects in BDAs and Transit Villages so that these projects will rank higher than similar projects that are not located in these areas.

#### 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 tie breaker, with higher priority given to the project serving the higher population.

#### F. Supplemental Project Priority

All projects which have received loans to date based upon engineering estimates and which may require additional funds due to the award of all project related contracts, will be given priority over new projects eligible for funding. Additionally, certain projects funded in past years may also be eligible to apply for a post-construction supplemental loan for increased costs due to differing site conditions and will be given priority over new projects seeking funds. 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.

#### G. Order of Project Priority Summary

- I - Supplemental Projects
- II - Traditional Projects
- III - Second Chance Projects

#### H. Intended Use Plan

In or about May 2005, the Department will be updating and modifying the Intended Use Plan. This will allow the program to consider additional projects for financing the year that are not currently listed in this report.

## 2005 CLEAN WATER PROJECT PRIORITY LIST

For funding from the 2005 Financing Program, project sponsors with clean water projects listed, or eligible for listing, on the Proposed Federal Fiscal Year 2005 Project Priority List (State Fiscal Year 2006) were required to meet the Financing Program's first deadline of October 4, 2004 for Planning documents and Commitment letters.

Forty-three (43) clean water projects estimated at \$500 million in project costs have responded for inclusion in the 2005 Financing Program. An additional 14 land acquisition projects totaling \$70 million have also responded.

## CLEAN WATER PROJECT DESCRIPTIONS

The Department from information obtained from the individual participants has provided the following project list. It must be noted that the details of a project can change as the plans and designs are finalized. Any such change will not impact the intended end result for which the project was proposed. Based on the above, no one should rely on the project type descriptions for other than general information.

The following is the preliminary State Project Priority List for the 2005 Clean Water Financing Program.

Those projects that are in bold are eligible for the Smart Growth Financing Package.

<b>2005 Financing Program (SFY2006) Clean Water Projects in Priority Order</b>				
<b>Rank</b>	<b>Project Number</b>	<b>Project Sponsor</b>	<b>Est Cost (\$ x 1000)</b>	<b>Project Type</b>
	<b>340547-10</b>	<b>Supplemental Loan Rahway Valley SA</b>	<b>\$75,000</b>	<b>Supp</b>
		<b>New Loans</b>		
1	340547-11	Rahway Valley SA	18,497	Int
<b>7</b>	<b>340689-03</b>	<b>Passaic Valley SC</b>	<b>10,968</b>	<b>STP</b>
<b>8</b>	<b>340815-05</b>	<b>Newark City</b>	<b>14,472</b>	<b>CSO</b>
<b>19</b>	<b>340928-04</b>	<b>Jersey City MUA</b>	<b>2,438</b>	<b>CSO</b>
<b>21</b>	<b>340952-04</b>	<b>North Hudson SA</b>	<b>9,009</b>	<b>CSO, PS, FM</b>
35	340503-03	Sussex County MUA (Upper Walkill)	7,976	STP, FM, PS
<b>38</b>	<b>340952-05</b>	<b>North Hudson SA</b>	<b>1,369</b>	<b>STP</b>
39	340372-26	Ocean County UA	64,480	STP,PS Rehab, Int

**2005 Financing Program (SFY2006)  
Clean Water Projects in Priority Order**

<b>Rank</b>	<b>Project Number</b>	<b>Project Sponsor</b>	<b>Est Cost (\$ x 1000)</b>	<b>Project Type</b>
57	340848-01	East Newark Boro	500	CSO
71	340416-13	Trenton City	10,092	Rem
73	340111-01	New Jersey City University	5,308	Rem, Rehab, Storm
76	340341-05	Harrison Town/Hudson Co. IA	31,783	Rem
95	340815-07	Newark City	15,334	Rehab
95	340815-08	Newark City	2,049	Storm
107	340366-07	Camden City	3,230	Rehab
115	340110-01	Bergen County IA/ENCAP	108,325	Rem/LF Clos
121	340399-21	North Bergen MUA	13,000	PS, FM
125	340259-04	Kearny MUA (Kearny Town)	2,250	PS
151	340029-03	Secaucus Town	2,325	Storm
154	340620-05	Barneget Township	2,494	CS
229	340366-05	Camden City	6,615	WS
231	340656-03	Princeton SOC	15,439	Rehab
240	340037-01	East Amwell	640	Rem
247	340030-02	Palmyra Boro	343	NPS
252	340034-01	Tuckerton Boro	1,042	PS
257	340858-03	Cranford Township	5,308	Storm
262	340569-03	Byram Township	219	Equip
267	340005-01	Cape May Point Boro	186	PS
270	340699-06	Middlesex County UA	38,083	FM
281	340036-01	Gloucester County	1,397	NPS,Storm, Equip
284	340809-11	Atlantic County UA	2,089	RWBR
295	340391-08	Ewing-Lawrence SA	9,783	FM
297	340325-03	Monmouth County BOA	290	OR
306	340969-04	Berkeley Township (Pinewald Area)	2,756	CS
327	340701-08	West Milford Twp MUA	2,384	I/I, OR
334	340346-02	Medford Twp	4,784	NPS,Storm, LR
		Birchwood Lakes Colony Club		BR
		Birchwood Lakes Colony Club		LC
		Blue Lake Association		Storm
384	340316-02	Chatham Township	1,646	CS
387	340296-02	East Rutherford Boro	1,024	Rehab
404	340705-04	Carlstadt SA	847	PS
429	340856-01	Egg Harbor Twp MUA	2,183	Storm
432	340319-02	Medford Lakes Borough	360	NPS,Storm, LR

<b>2005 Financing Program (SFY2006)</b>				
<b>Clean Water Projects in Priority Order</b>				
<b>Rank</b>	<b>Project Number</b>	<b>Project Sponsor</b>	<b>Est Cost (\$ x 1000)</b>	<b>Project Type</b>
		Medford Lakes Colony		Storm
439	340023-01	Long Beach Twp	778	Rehab
		<b>Subtotal = 43</b>	<b>\$499,095</b>	

Listed below are potential second chance clean water projects:

<b>Rank</b>	<b>Project Number</b>	<b>Project Sponsor</b>	<b>Est Cost (\$ x 1000)</b>	<b>Project Type</b>
	<b>340446-10</b>	<b>Edgewater MUA (Edgewater Colony, Inc)</b>	<b>\$1,200</b>	<b>Storm</b>
	340703-06	Florham Park SA	2,000	STP
		<b>Subtotal = 2</b>	<b>\$3,200</b>	

**BOLDFACE = SMART GROWTH PROJECTS**

OR	Outfall Repairs	LC	Lake Cleaning
BR	Bulkhead Repairs	LR	Lake Repairs
WS	Well Sealing	SI	Sludge
Septic	Septic Management	Int	Interconnection
Equip	Equipment Purchase	PS	Pump Station
FM	Force Main	CS	New Collection System
Storm	Stormwater	CoGen	Cogeneration Facility
REM	Remediation	LF Cell	New Landfill Facilities
LF Clos	Landfill Closure Facilities	CSO	Combined Sewer Overflow
STP	Sewerage Treatment Plant		
NPS	Non Point Source Pollution Control		
RWBR	Reclaimed Water for Beneficial Reuse		
Rehab	Major Sewer System Rehabilitation		

The following is the preliminary State Project Priority List for the 2005 Land Acquisition projects under the Clean Water Program for the purchase and preservation of land for water quality protection. All Land Acquisition loans are 25/75.

<b>2005 Financing Program (SFY 2006)</b> <b>Land Acquisition Projects in Priority Order</b>
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<b>Rank</b>	<b>Project Number</b>	<b>Project Sponsor</b>	<b>Est Cost (\$ x 1000)</b>	<b>Project Type</b>
86	343045-01	Cape May City	\$5,308	Land
104	343051-01	Hamilton Twp	7,847	Land
108	343010-02	Brick Township	2,565	Land
109	343021-02	Middletown Twp	3,866	Land
129	343059-01	Marlboro Twp	3,997	Land
136	343054-02	NJ Water SA (Raritan Basin)	8,493	Land
138	343064-01	East Windsor	1,397	Land
143	343005-02	West Windsor Township	7,847	Land
144	343060-01	Burlington Twp	2,140	Land
157	343012-01	Clinton Town	13,000	Land
164	343063-01	River Vale Township	6,614	Land
169	343047-01	Byram Township	1,915	Land
188	343061-01	Clementon Boro	3,997	Land
192	343062-01	East Amwell	482	Land
		<b>TOTAL = 14</b>	<b>\$69,468</b>	

## **2005 DRINKING WATER PRIORITY SYSTEM**

### **Introduction**

In conformance with the New Jersey Environmental Infrastructure Trust Act, the Financing Program requires that the Department develop a project priority list for funding by the Trust in conformance with the applicable provisions of the federal "Safe Drinking Water Act Amendments of 1996" (SDWA) and any amendatory or supplementary acts thereto and State law. Under the Federal Act, a Priority System has been developed by the Department and is subject to approval by the United States Environmental Protection Agency each year. It ranks projects based upon the need to achieve and maintain compliance with SDWA requirements and to protect the public health in conformance with the objectives of the SDWA.

Water purveyors were asked to indicate their interest in listing projects on the Department's Proposed Priority System, Intended Use Plan and Project Priority List – Federal Fiscal Year 2005 (Drinking Water Priority List). 186 projects totaling over \$586 million in project costs responded requesting listing on the Comprehensive Project Priority List.

A public hearing was held on March 24, 2004 in order to solicit public comments on the Proposed Priority System, Intended Use Plan and Project Priority List (IUP) and to meet federal public participation requirements. Five members of the public were in attendance at the Public Hearing and several oral comments were posed on the project priority list. The close of comments for the proposal was March 31, 2004; no written comments were received during the Public Hearing.

The 2005 funding cycle includes projects for loan awards in November 2005 which have followed the schedule as set forth in the 2004 IUP which required the submission of a commitment letter and planning documents by October 4, 2004, design documents and loan applications are due by March 7, 2005.

The following section describes the Priority System Ranking Methodology which is used for the ranking of drinking water projects. It is followed by a section on the Drinking Water Project Priority List, which includes a brief description of each project indicating its purpose, cost and the corresponding priority ranking.

### **Drinking Water Priority System Methodology**

The Department 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 List according to their ranking. The projects with the higher number of points rank above those with lesser points. Due to annual addition of new projects to the Project Priority List, or to periodic revisions to the Priority System, individual rankings may change annually. For projects which include multiple elements as listed in priority category A below, projects will be separately listed by the elements involved, and priority points will

be assigned for each element. The categories are consistent with the ranking methodology and financing policies of the FFY2005 Priority System and are discussed in sections A through E below.

Priority points will be assigned only if the project scope includes actual repair, rehabilitation, correction of a problem or improvement clearly related to priority Category A. A project must be assigned points from Category A to be eligible for ranking; points from the remaining categories are in addition to the points received in Category A.

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

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

Projects will be funded in project priority order for those ready to proceed except the Financing Program will first fund small systems up to 15% of the DWSRF funds.

A. Compliance with Safe Drinking Water Act (SDWA) and Protection of Public Health

Funds in the Drinking Water State Revolving Fund 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 NJSWA rules (N.J.A.C.7:10). Table I describes the nineteen project elements that are eligible for DWSRF funds:

TABLE I

1. Systems which utilize surface water, that are not in compliance with the surface water treatment requirements or have had any acute violations (e.g., fecal coliform or nitrates) and have been issued an administrative order, directive or recommendation by the Department 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 (e.g., fecal coliform or nitrates) and have been issued an	350 points

administrative order, directive or recommendation by the Department requiring the correction of any noncompliance of its treatment facilities to address an immediate public health threat.	
3. Systems, which utilize groundwater that, have had any acute violation (either fecal coliform or nitrates).	300 points
4. Systems, which have had any maximum contaminant, level violations (except acute violations) or exceedance of action levels (lead and copper rule).	200 points
5. Systems that have lost well capacity due to cutbacks in Critical Area #1 or 2 or 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 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 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, such as fencing, lighting, motion detectors and cameras	45 points
14. Systems which have had any exceedance of any secondary drinking water regulations that have received notification issued	40 points

by the Department 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 Department requiring correction of the exceedance.	
15. Installation of new water meters and/or other water conservation devices, including but not limited to retrofit plumbing fixtures.	35 points
16. Construction of new or rehabilitation of existing interconnections between water systems to improve water pressures to maintain safe levels or to ensure compliance with the SDWA.	30 points
17. Replacement of new water meters.	25 points
18. Redevelop wells or construct new wells, with associated treatment facilities to meet the New Jersey SDWA rules for required pumping capacity.	15 points
19. Other project elements, not including items 1 through 18 above, that ensure compliance with the SDWA and protect public health, as approved by the Department.	1 point

B. Approved Drinking Water Infrastructure Plan

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

1. 50 priority points will be assigned to a water system that connects to a regional solution that is contained in a comprehensive water supply plan for a particular region or watershed acceptable to the Department.
2. 25 priority points will be assigned to a water system that has a local five year master plan or five year capital improvement plan, or that is linked to a comprehensive water supply plan for a particular region or water shed acceptable to the Department. The plans 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 Development and Redevelopment Plan

The Department seeks to coordinate and implement the State Development and Redevelopment Plan. The Department assigns points to projects in municipalities that the State Planning Commission has approved under the Plan Endorsement or Center Designation Process. Please note, 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. Points are assigned as shown in Table II.

TABLE II

1. Endorsed Strategic Plans or Urban Complex or Urban Centers	20 points
2. Regional Centers	5 points
3. Towns	3 points
4. Villages	2 points
5. Hamlets	1 point

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

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 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.

$$\frac{\text{Municipal MHI}}{\text{Statewide MHI}} \times 100 = \text{Affordability Factor}$$

Points are assigned as shown in Table III.

TABLE III

(1)	Affordability factor at 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.

The Department has determined for the purposes of the DWSRF Program, a municipality whose median household income is 35% or more below the State's MHI shall be considered a Disadvantaged Community and will receive 80 points, which are proportionately greater than other affordability factor points.

In determining the affordability factor, a weighted municipal MHI will be calculated for private or public water systems serving more than one municipality as shown in the example below.

Example:

Municipalities	MHI	Population Served	Fraction of Total Population Served	Weighted Municipal MHI
Lancaster	30,000	5,000	.167	5,000
Mayberry	20,000	10,000	.333	6,660
Holmeville	25,000	15,000	.500	12,500
Total		30,000	1.000	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 tie-breaker, 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. For water systems that service more than one municipality, total all the permanent population served in the multiple serve 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.

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

F. Supplemental Project Priority

All projects which have received loans to date based upon engineering estimates and which may require additional funds due to the award of all project related contracts, will be given priority over new projects eligible for funding. Additionally, certain projects funded in past years may also be eligible to apply for a post-construction supplemental loan for increased costs due to differing site conditions and will be given priority over new projects seeking funds. 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.

G. Order of Project Priority Summary

- I -Supplemental Projects
- II -Small System up to 15% of DWSRF Funds Projects
- III -Current Year's Scheduled Projects

**2005 DRINKING WATER PROJECT PRIORITY LIST**

Water purveyors with projects listed on the Federal Fiscal Year 2005 Water Supply Project Priority List were required to advise the Department in writing by October 4, 2004 of their commitment to meet the financing program deadlines for the 2005 Financing Program. Failure of the participant to respond by October 4, 2004 was interpreted as a decision not to pursue funding from the 2005 Financing Program.

186 water supply projects totaling over \$586 million in project costs have responded for inclusion in the state's comprehensive Drinking Water Project Priority List. Of these, 36 projects have indicated an interest in pursuing funding in November 2005. Design and loan application documents are required to be submitted by March 7, 2005.

**DRINKING WATER PROJECT DESCRIPTIONS**

The Department from information obtained from the individual participants provides the following project list. It must be noted that the details of a project can change as the plans and designs are finalized. Based on the above, no one should rely on the project type descriptions for other than general information.

The following is the preliminary Project Priority List for the 2005 Drinking Water Financing Program.

<b>2005 Financing Program (SFY 2006)</b>				
<b>Drinking Water Projects in Priority Order</b>				
<b>Rank</b>	<b>Project Number</b>	<b>Project Sponsor</b>	<b>Estimated Cost (\$ x 1000)</b>	<b>Project Type</b>
1	<b>1613001-013</b>	<b>North Jersey District WSC</b>	<b>\$40,949</b>	<b>Drought</b>
<b>9</b>	<b>0102001-001</b>	<b>Atlantic City MUA</b>	<b>\$6,028</b>	<b>Treat</b>
18	<b>0408001-013</b>	<b>Camden City</b>	<b>\$14,899</b>	<b>WM</b>
19	0514001-001	Wildwood City	\$1,082	WM
24	0604001-004	Bayview Water Co/Middlesex WC	\$615	ST
27	0324001-005	Mount Laurel Twp MUA	\$16,168	Treat
39	0221001-004	Garfield City	\$5,570	WM
43	1707001-004	Pennsgrove Water Supply Co	\$1,040	WM
52	0436007-003	Winslow Township	\$1,397	ST
61	1415001-001	Fayson Lakes Water Company	\$500	Treat
62	1344001-001	Sea Girt Borough	\$371	Treat
65	1216001-004	Perth Amboy City	\$1,083	ST
66	0221001-005	Garfield City	\$2,781	PS
69	1517001-007	Long Beach Township	\$778	WM
79	1505004-001	Berkeley MUA	\$8,002	WM
108	1439001-002	Wharton Borough	\$1,260	WM
109	1509001-001	Harvey Cedars Borough	\$1,646	WM
112	1344001-002	Sea Girt Borough	\$553	WM
115	1438001-001	Cliffside Park Associates	\$330	WM
116	<b>1111001-004</b>	<b>Trenton City</b>	<b>\$26,105</b>	<b>Treat</b>
118	0436007-004	Winslow Township	\$2,439	WM
120	0424001-002	Merchantville Pennsauken WC	\$2,935	ST
128	1344001-003	Sea Girt Borough	\$98	ST
136	0221001-003	Garfield City	\$2,500	Well
137	1415001-004	Fayson Lakes Water Company	\$10	SEC
147	1708001-002	Pensville Water Dept	\$2,658	Meters
149	1411001-001	Florham Park Borough	\$6,615	Treat
154	1429001-002	Parsippany Troy Hills Twp	\$1,191	INT
156	1510001-001	Island Hgts Boro	\$414	Well
160	1439001-003	Wharton Borough	\$626	Meters
168	1530004-001	Stafford Township	\$10,669	Treat
171	0324001-003	Mount Laurel MUA	\$1,409	ASR
		<b>Total Number of Projects = 32</b>	<b>\$162,719</b>	

Listed below are New well projects that will not be closed on until a future funding cycle:

<b>Rank</b>	<b>Project Number</b>	<b>Project Sponsor</b>	<b>Estimated Cost (\$ x 1000)</b>	<b>Project Type</b>
22	0219001-002	Mapleshade Township	\$10,813	WTP & Well
172	0713001-008	Montclair Township	1,010	Well
4	0613001-001	Seabrook Village WC	577	Well
117	0436007-005	Winslow Township	330	Well
		<b>Total Number of Projects 4</b>	<b>\$12,730</b>	

**Boldface: Smart Growth Projects**

WM = Water Mains

ST = Storage Tanks

PS = Pump Station

Well = Well Construction/Rehabilitation

INT = Interconnection

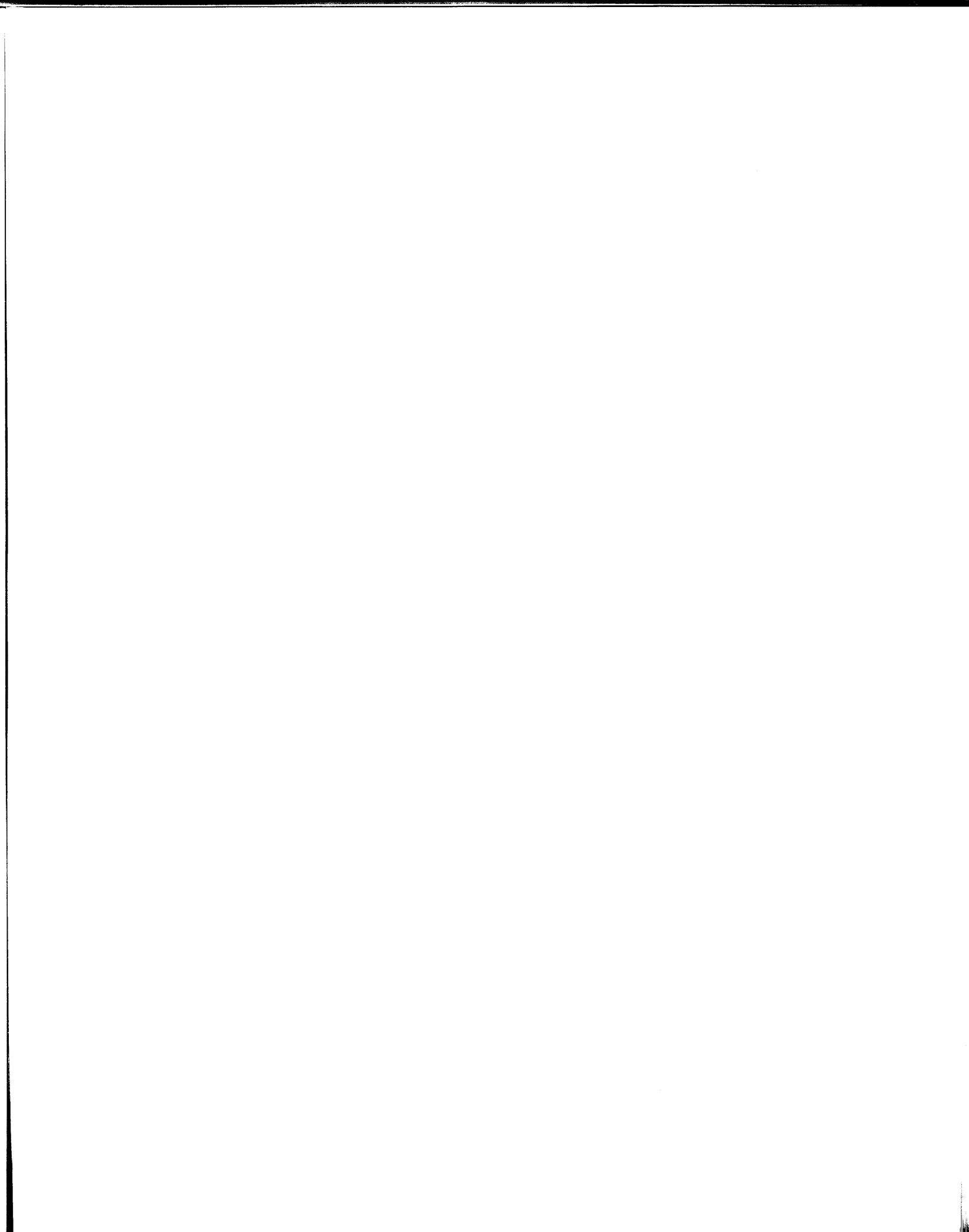
Meter = Water Meter

SEC = Security Features

Treat = treatment

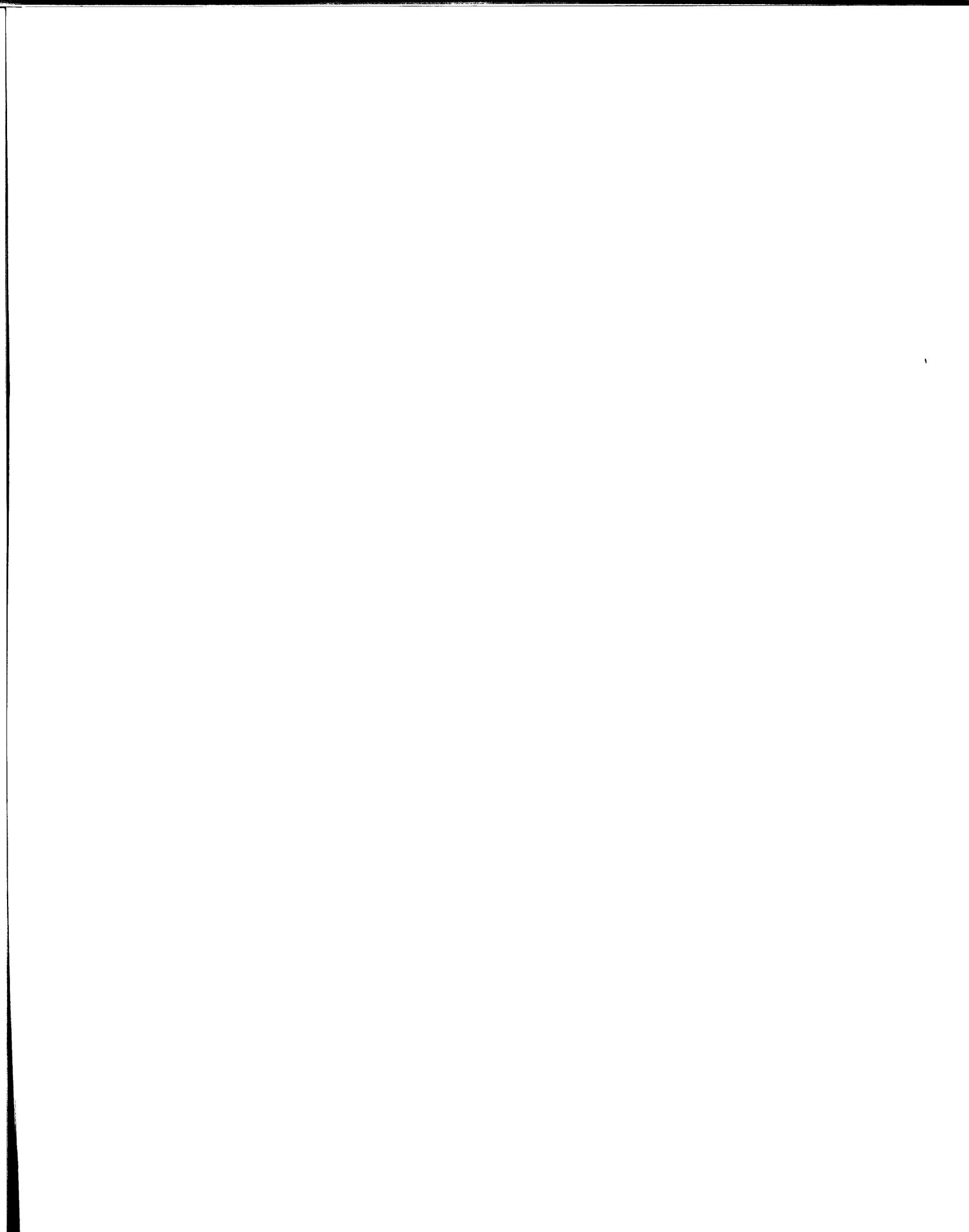
ASR = Aquifer Storage and Recovery Well

Drought = Drought Management Initiatives



***Clean Water Project Descriptions***

***Appendix A***



Project Name, Number

Priority List Rank

RAHWAY VALLEY SA

1

340547-11

RELIEF SEWER

County

UNION

Existing Population

250,000

Service Area

Rahway City

Need for Project

The applicant operates a thirty-five (35) million gallons per day (MGD) water pollution control facility which was constructed in 1976 and conveyance facilities (including combined sewers). During storm events the lower portion of the Rahway River is impacted by sanitary sewer overflows. Studies indicate that the river experiences an appreciable impact (lower dissolved oxygen, high fecal coliform and nutrient concentration and toxics pollutants). Primary contact recreation and shellfish harvesting uses are adversely impacted.

Project Description

The proposed project includes closure of a discharge point and construction of a relief sewer to convey excess wet-weather flows to the Rahway Valley Sewerage Authority's wastewater treatment plant.

Project Name, Number

Priority List Rank

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
340689-03  
STP IMPROVEMENTS

7

County

ESSEX

Existing Population

1,350,000

Service Area

47 municipalities in parts of Bergen, Essex, Hudson and Passaic Counties

Need for Project

Seven communities served by PVSC have combined sewer systems. The communities with combined systems include: The Cities of Newark, Paterson, Bayonne and Jersey City, the towns of Harrison and Kearney, and the Borough of East Newark. During wet weather events more than 300mgd of combined flows are directed to the Passaic River and Newark Bay without treatment due to the limited treatment capacity at the PVSC facility. Pvsc proposes to nearly double its existing treatment capacity to increase its overall pollutant removal capabilities. The existing discharge is to Newark Bay near Delancey Street, which adversely impacts shellfish and industrial water uses. Water quality does not meet standards for dissolved oxygen, fecal coliform, nutrients and toxics. The PVSC wastewater treatment facility provides secondary treatment of influent wastewater for monthly average flows of approximately 245 mgd to 328 mgd with annual average TSS and BOD loadings of 203 mg/l and 250 mg/l, respectively. Maximum weekly flows are approximately 350 mgd. Effluent quality for TSS and BOD average 22 mg/l and 20 mg/l, respectively.

Project Description

The proposed project involves improvements to the head end facilities (reinforce headworks screens and grit chambers), new fine screening facilities in the primary effluent channel, rehabilitation of the existing final clarifiers, effluent pumping station improvements, secondary grit modifications and dewatering capacity improvements. The project should expand treatment capabilities from 368 mgd to 700 mgd monthly average flows.

Project Name, Number

Priority List Rank

NEWARK CITY  
340815-05  
CSO ABATEMENT

8

County

ESSEX

Existing Population

273,546

Service Area

City of Newark

Need for Project

The City of Newark must construct improvements to its combined sewer system to comply with General Permit conditions regarding elimination of dry weather overflows and discharge of floatables equal to, or greater than, one-half inch (1/2") diameter.

Project Description

This project consists of the construction of combined sewer overflow control facilities and may include one or more of the following activities: screening facilities at CSO outfall numbers 009/010, 016/017, and 018 and a netting facility at CSO outfall number 015.

Project Name, Number

JERSEY CITY MUA  
340928-04  
CSO ABATEMENT

Priority List Rank

19

County

HUDSON

Existing Population

240,055

Service Area

Jersey City

Need for Project

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

Project Description

The proposed project includes cleaning of box culverts from their Hudson River discharges to CSO chambers and installation of manholes to facilitate future cleaning.

Project Name, Number

Priority List Rank

NORTH HUDSON SA  
340952-04  
CSO ABATEMENT

21

County

HUDSON

Existing Population

200,000

Service Area

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

Need for Project

Relieving of surcharging of combined sewers will reduce the frequency of flooding of drainage areas and will result in a significant reduction in flooding with combined sewage during storm events.

Project Description

The proposed project includes replacement and realignment of the wet weather force main from the 18<sup>th</sup> Street Pump Station, installation of a pump station and force main to serve the northwestern portion of Hoboken, installation of a pump station and force main to serve the southwestern portion of Hoboken, and installation of a pump station and force main to serve the central-western portion of Hoboken.

Project Name, Number

Priority List Rank

SUSSEX COUNTY MUA (POCHUCK)  
340503-03  
STP, PUMPING STATION, FORCE MAIN,

35

County

SUSSEX

Existing Population

11,930

Service Area

The study area delineated as the Pochuck River Basin consists of a large section (62%) of Vernon Township and a portion (3%) of Hardyston Township.

Need for Project

Vernon Township is experiencing an increasing number of septic system failures. Furthermore, a number of existing systems have been found to be inadequate with regard to design and/or construction deficiencies. As evidenced by a local enforcement issue in the Barry Lakes area of Vernon, this situation has the potential of becoming a public health problem. In addition, there are two existing package plants. Both STP flows average below their design capacity, however, substantial flow variations to the plants can impact water quality. Water quality concerns include frequent fecal coliform violations, as well as marginal levels of dissolved oxygen, nutrients, and toxics, and the resultant impact upon the fishing, recreational and agricultural water uses of the Wallkill River (trout waters).

Sewage Treatment Plant (STP) Name (NJPDDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Americana Hotel (NJ0023949)	0.50	0.35	N/A	5.0	N/A	8.3
Vernon Twp. School Board	0.035	.00811	97	14	97	4.6

Project Description

Assistance to SCMUA for this project would provide for the design and construction of adequate wastewater disposal facilities for the Pochuck Basin. The treatment alternatives are many and varied due to the clustered lakeside communities and relative distances and terrain between them. Options would include but not be limited to: regional as well as decentralized treatment, dual systems, low pressure sewers (w/grinder pump or STEP system), cluster systems, and on-site rehabilitation. This will result in a new conveyance/treatment system to eliminate the septic failures.

Project Name, Number

Priority List Rank

NORTH HUDSON SA  
340952-05  
STP IMPROVEMENTS

38

County

HUDSON

Existing Population

200,000

Service Area

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

Need for Project

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

Project Description

The proposed project includes the upgrade of the trickling filter system at the Adams Street WWTP and the installation of solar panels at the River Road WWTP to improve power reliability.

Project Name, Number

Priority List Rank

OCEAN COUNTY UA

39

340372-26

STP UPGRADES, PUMP STATION REHAB

County

OCEAN

Existing Population

510,196

Service Area

17 municipalities in central Ocean County

Need for Project

The pump stations and treatment plant upgrades and rehabilitation will improve the Authority's ability to convey and treat wastewater. Rehabilitation of interceptors and manholes will stem further deterioration and protect the groundwater from leakage.

Project Description

The proposed project includes rehabilitation of five lift stations, lining of interceptors and manhole rehabilitation, replacement of force mains, clarifier rehabilitation, upgrade of automated control systems at the Authority's three treatment plants, rehabilitation and improvement of pump stations, upgrade of the process air system and HVAC improvements at the central treatment plant, and installation of a new influent equalization basin and upgrades at the southern treatment plant.

Project Name, Number

EAST NEWARK BOROUGH  
340848-01  
CSO ABATEMENT

Priority List Rank

57

County

HUDSON

Existing Population

2,377

Service Area

Borough of East Newark

Need for Project

East Newark needs to construct improvements to its combined sewer system to comply with the General Permit conditions regarding the removal of floatables over  $\frac{1}{2}$ ".

Project Description

The proposed project includes the construction of an in-line netting system for floatable control.

Project Name, Number

Priority List Rank

TRENTON CITY  
340416-13  
SITE REMEDIATION

71

County

MERCER

Existing Population

85,403

Service Area

City of Trenton

Need for Project

Clean-up of the contaminated industrial sites along Assunpink Creek will remove the potential of polluting the Creek and groundwater. The clean-up will allow Trenton to convert the area into a recreational greenway, which will increase the permeable surface within the watershed.

Project Description

The proposed project includes the remediation of soil contamination on several parcels along the Assunpink Creek. These parcels are contaminated with petroleum, heavy metals, and PCBs from previous years of industrial use.

Project Name, Number

Priority List Rank

NEW JERSEY CITY UNIVERSITY  
340111-01  
SITE REMEDIATION

73

County

HUDSON

Existing Population

240,055

Service Area

New Jersey City University West Campus

Need for Project

PAH, metal, mercury, and PBC concentrations above the DEP applicable remediation standards are present in the soils on-site. The phreatic zone is six feet below the ground surface. As a result, the groundwater is impacted with metals and carbon tetrachloride above the DEP Groundwater Quality Criteria. The soil contamination is present below six existing buildings.

Project Description

The proposed remediation includes a vapor cap for hexavalent chromium and mercury vapor and excavation for PAHs and other metals. The buildings and their foundations overlying the AOCs need to be demolished in order to perform the remediation.

Project Name, Number

Priority List Rank

HARRISON TOWN/HUDSON COUNTY IA  
340341-05  
SITE REMEDIATION

76

County

HUDSON

Existing Population

14,424

Service Area

Town of Harrison

Need for Project

Clean-up of a contaminated area along the Harrison waterfront will remove the potential of polluting the nearby waterways as well as groundwater.

Project Description

The proposed project includes the clean-up of the redevelopment area along the Harrison waterfront.

Project Name, Number

Priority List Rank

CAPE MAY CITY  
343045-01  
LAND ACQUISITION

86

County

CAPE MAY

Existing Population

4,034

Service Area

City of Cape May

Need for Project

The City plans to purchase land for water quality protection. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase of Sewell Point Tract, which consists of approximately 90% palustrine wetlands that are stated to be of "exceptional resource value". The parcel currently exists as a wildlife sanctuary with the threat of residential development on 10% of the parcel. The proposed project will not only preserve open space and protect water quality, but will also protect several species of threatened and endangered birds that have been identified on the parcel.

Project Name, Number

Priority List Rank

NEWARK CITY

95

340815-07

SEWER REHABILITATION

County

ESSEX

Existing Population

273,546

Service Area

Western portion of the City of Newark

Need for Project

The Phase-V sewer rehabilitation to repair old and deteriorated brick sewers to prevent collapses and sewer back-ups.

Project Description

The proposed project includes inspection and evaluation of all brick sewers not previously inspected and rehabilitation of deteriorated sewers.

Project Name, Number

Priority List Rank

NEWARK CITY

95

340815-08

STORMWATER MANAGEMENT

County

ESSEX

Existing Population

273,546

Service Area

City of Newark

Need for Project

Pierson's drainage ditch is inoperable due to the accumulation of large amounts of silt and debris. Each major storm event causes flooding resulting in more grease/oil, pesticides, fertilizers, etc. being introduced into the storm system and discharging into local waters.

Project Description

The proposed project includes rehabilitation of Pierson's Creek through stream cleaning, replacement of structures, and rehabilitation of the channel.

Project Name, Number

Priority List Rank

HAMILTON TOWNSHIP  
343051-01

104

LAND ACQUISITION

County

MERCER

Existing Population

87,109

Service Area

Township of Hamilton

Need for Project

The Township plans to purchase 84 acres to protect water quality along the Burnt Swamp Ditch, a tributary of Miry Brook which flows to Assumpink Creek. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the acquisition of Klockner Woods and the Braphelli property to preserve open space and to protect water quality.

Project Name, Number

CAMDEN CITY  
340366-07  
SEWER REHABILITATION

Priority List Rank

107

County

CAMDEN

Existing Population

79,904

Service Area

City of Camden

Need for Project

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

Project Description

The proposed project consists of the reconstruction or replacement of sewer lines throughout the City.

Project Name, Number

Priority List Rank

BRICK TOWNSHIP  
343010-02  
LAND ACQUISITION

108

County

OCEAN

Existing Population

66,473

Service Area

Township of Brick

Need for Project

The Township plans to purchase land for water quality protection. The preservation and conservation of land is important to help protect and maintain water quality in the project area including several tributaries of the Metedecank River. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase eight parcels of land to preserve open space and to protect water quality. The purchase of the parcels will expand the Cedar Bridge Branch Greenway, Midstreams Greenway, and Metedecank Greenway.

Project Name, Number

Priority List Rank

MIDDLETOWN TOWNSHIP  
343021-02  
LAND ACQUISITION

109

County

MONMOUTH

Existing Population

66,327

Service Area

Township of Middletown

Need for Project

The Township plans to purchase land along McClees Creek and its tributaries for water quality protection. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of the Tretter property to preserve open space and to protect water quality.

Project Name, Number

Priority List Rank

BERGEN COUNTY IMPROVEMENT AUTHORITY  
340110-01  
BROWNFIELDS/LANDFILL CLOSURE

115

County

BERGEN

Existing Population

52,674

Service Area

Township of Lyndhurst, Borough of Rutherford, Borough of North Arlington

Need for Project

The Lyndhurst Township and Rutherford Borough landfills, as well as nearby orphan landfills are no longer in operation. These landfills have not been properly closed in accordance with applicable regulations. The runoff and leachate from these landfills discharges to surrounding water bodies and groundwater and adversely impacts water quality in the project area.

Project Description

The proposed project includes the remediation of four landfills and related activities. The landfills will be capped to prevent infiltration of rainwater and cutoff walls and a leachate collection system will be installed. It is anticipated that the leachate will be conveyed to PVSC for treatment and disposal.

Project Name, Number

Priority List Rank

NORTH BERGEN MUA  
340399-21  
FORCE MAIN, PUMP STATION REHAB

121

County

BERGEN

Existing Population

46,000

Service Area

North Bergen

Need for Project

The existing North Bergen Central Sewage Treatment Plant serves a combined sewer service area and requires a major plant upgrade to meet present and future discharge requirements at an estimated cost of over \$60M. It was determined to be more cost effective to abandon the existing plant and convey the flow to Jersey City MUA's system and ultimately to Passaic Valley SC for treatment.

Project Description

The proposed project includes the installation of 10,000 feet of force main to transfer flow to Jersey City MUA's Northwest Interceptor, rehabilitation of North Bergen's pump stations and appurtenances, modification of existing sludge holding tanks into a flow equalization basin, modification of Jersey City's Westside Pumping Station, and installation of two additional grit chambers.

Project Name, Number

Priority List Rank

KEARNY TOWN/KEARNY MUA  
340259-04  
PUMP STATION IMPROVEMENTS

125

County

HUDSON

Existing Population

40,513

Service Area

Town of Kearny

Need for Project

The Kearny Point Pump Station conveys untreated wastewater to the Passaic Valley Sewerage Commissioners. PVSC has indicated that the lack of preliminary treatment at the pump station is creating problems at the treatment plant. PVSC has requested grit removal and comminution of suspended solids at the pump station to help achieve adequate treatment in the primary treatment facilities at PVSC.

Project Description

The proposed project includes installation of grit removal and grit washing equipment, installation of new flow monitoring equipment, reconfiguration of flow channels, installation of new sewage grinders, and other modifications at the Kearny Point Pump Station.

Project Name, Number

Priority List Rank

MARLBORO TOWNSHIP  
343059-01  
LAND ACQUISITION

129

County

MONMOUTH

Existing Population

36,398

Service Area

Township of Marlboro

Need for Project

The Township plans to purchase land for water quality protection. Preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of land to preserve open space and to protect water quality.

Project Name, Number

Priority List Rank

NJ WATER SA (RARITAN BASIN)  
343054-02  
LAND ACQUISITION

136

County

HUNTERDON

Existing Population

26,992

Service Area

Townships of Lebanon, Bethlehem, Union, Chester and Washington

Need for Project

The Authority and the towns plan to purchase land surrounding Spruce Run for water quality protection. Preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of land around the Spruce Run Reservoir and other lands in the Raritan River Basin to preserve open space and to protect water quality.

Project Name, Number

EAST WINDSOR TOWNSHIP  
343063-01  
LAND ACQUISITION

Priority List Rank

138

County

MERCER

Existing Population

24,919

Service Area

East Windsor Township

Need for Project

The Township plans to purchase land to preserve the water quality in tributaries to the Millstone River and in adjacent wetlands. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase of land from the Etra Road Parcel, Disbrow Hill Road Parcel, and the One Mile Road Parcel to preserve open space and to protect water quality.

Project Name, Number

Priority List Rank

WEST WINDSOR TOWNSHIP  
343005-02  
LAND ACQUISITION

143

County

MERCER

Existing Population

21,907

Service Area

Township of West Windsor

Need for Project

The Township plans to purchase land in the Duck Pond Run Basin Area for water quality protection. Preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of land in the Duck Pond Run Basin Area and other areas to preserve open space and to protect water quality. The preservation of the parcels in this area should prevent further degradation of Duck Pond Run, which is listed as being 'severely impaired' according to the Department's Office of Monitoring Management.

Project Name, Number

BURLINGTON TOWNSHIP  
343060-01  
LAND ACQUISITION

Priority List Rank

144

County

BURLINGTON

Existing Population

20,294

Service Area

Burlington Township

Need for Project

The Township plans to purchase land from the Tillinghast property to preserve the water quality of Riggs Mill Creek. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase of land on the Tillinghast property to preserve open space and to protect water quality.

Project Name, Number

Priority List Rank

SECAUCUS TOWN  
340029-03  
STORM SEWER EXTENSION

151

County

HUDSON

Existing Population

15,931

Service Area

Town of Secaucus

Need for Project

The proposed project is needed to address the impacts of nonpoint source pollution by reducing flooding in the Upper Sack Creek watershed.

Project Description

The proposed project includes the extension of storm sewers to convey additional flows to the upgraded Golden Avenue storm water pump station.

Project Name, Number

Priority List Rank

BARNEGAT TOWNSHIP  
340620-05  
COLLECTION SYSTEM

154

County

OCEAN

Existing Population

15,270

Service Area

Barnegat Township.

Need for Project

Existing residences and businesses are presently serviced by septic systems in an area with a high water table. The proposed sanitary sewer extension will prevent the discharge of untreated effluent from failed systems to groundwater and wetlands areas.

Project Description

The proposed project calls for the extension of sanitary sewer facilities along the Route 9 corridor. The project will entail running 5,330 L.F. of 15" PVC pipe along both the east and west side of Route 9. The project will also include extending sanitary sewer service approximately 337 ft. east along Bay View Blvd.

Project Name, Number

Priority List Rank

CLINTON TOWNSHIP  
343012-01  
LAND ACQUISITION

157

County

HUNTERDON

Existing Population

12,957

Service Area

Township of Clinton

Need for Project

The Township plans to purchase land including Exxon and Mortara tracts for water quality protection. Preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of land including the Exxon and Mortara tracts to preserve open space and to protect water quality.

Project Name, Number

RIVER VALE TOWNSHIP  
343064-01  
LAND ACQUISITION

Priority List Rank

164

County

BERGEN

Existing Population

9,449

Service Area

Township OF River Vale

Need for Project

The Township plans to purchase land to preserve the water quality. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes purchase of a wooded, leased portion of the Bergen Hills Country Club to preserve open space and to protect water quality.

Project Name, Number

Priority List Rank

BYRAM TOWNSHIP

169

343047-01

LAND ACQUISITION

County

SUSSEX

Existing Population

8,254

Service Area

Township of Byram

Need for Project

The Township plans to purchase land for water quality protection. Preservation of the Lubbers Run Greenway will preserve and protect the stream corridor, wetlands, and watershed of Lubbers Run, a trout maintenance stream and the largest tributary to the Musconetcong River. Byram is under extreme development pressure and the geological resources conducive to groundwater supplies are limited. Areas of high recharge like Lubbers Run Greenway need to be protected to maintain groundwater supplies in the Township.

Project Description

The proposed project is for the purchase of an easement on land adjacent to Lubbers Run Greenway. Purchase of this land will limit development and sprawl and will preserve open space and protect water quality.

Project Name, Number

CLEMENTON BOROUGH  
343061-01  
LAND ACQUISITION

Priority List Rank

188

County

CAMDEN

Existing Population

4,986

Service Area

Borough of Clementon

Need for Project

High intensity development of the Signal Hill property would impact this steep slope and wooded site and result in increased runoff to Mason Creek and ultimately the North Branch of the Big Timber Creek.

Project Description

The proposed project includes the purchase of the Signal Hill property to preserve open space and protect water quality.

Project Name, Number

Priority List Rank

EAST AMWELL

192

343062-01

LAND ACQUISITION

County

HUNTERDON

Existing Population

4,455

Service Area

East Amwell Township

Need for Project

The Township plans to purchase land within the Sourland Mountain District to preserve the water quality. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase of land to preserve open space and to protect water quality.

Project Name, Number

Priority List Rank

CAMDEN CITY  
340366-05  
WELL SEALING

229

County

CAMDEN

Existing Population

79,904

Service Area

City of Camden

Need for Project

The City has identified a need to seal abandoned wells to protect the aquifer by preventing groundwater contamination.

Project Description

The proposed project includes the sealing of approximately 52 improperly abandoned wells in the North Morris Wellfield.

Project Name, Number

Priority List Rank

PRINCETON SOC  
340656-03  
SEWER REHABILITATION

231

County

MERCER

Existing Population

30,230

Service Area

Princeton Township, Princeton Borough

Need for Project

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

Project Description

The proposed project includes rehabilitation of manholes and either replacing or relining various sanitary sewer lines.

Project Name, Number

Priority List Rank

EAST AMWELL  
340037-01  
SITE REMEDIATION

240

County

HUNTERDON

Existing Population

4,455

Service Area

East Amwell Township

Need for Project

Clean-up of a contaminated area in the Sourland Mountains will remove the potential of polluting the nearby waterways as well as groundwater.

Project Description

The proposed project includes the clean-up of a contaminated site so that the land can be purchased for preservation.

Project Name, Number

PALMYRA BOROUGH  
340030-02  
NPS CONTROLS

Priority List Rank

247

County

BURLINGTON

Existing Population

7,091

Service Area

Palmyra Borough

Need for Project

The existing riverwall has deteriorated due to age resulting in erosion from wave action along the shore, which allows top soil, debris, and other non-point source pollution to enter the Delaware River.

Project Description

The proposed project includes repair/replacement of riverwall to halt the introduction of pollutants into the Delaware River.

Project Name, Number

Priority List Rank

TUCKERTON BOROUGH  
340034-01  
PUMP STATION REHAB

252

County

OCEAN

Existing Population

3,517

Service Area

Borough of Tuckerton

Need for Project

The proposed improvements to the existing sanitary sewage pump stations will provide improved reliability, bring the pump stations into compliance, and extend the life of the stations. The increased reliability of the pump stations will ensure that discharges of untreated sewage to the environment will not occur.

Project Description

The proposed project includes the renovation of several of the existing pump stations. The work will include the renovation of wet wells, pump replacement or refurbishment, renovation of existing pump enclosures, installation of new alarms and controls, improved access to the sites, and the addition of emergency generators to provide backup power for the sewage pump stations.

Project Name, Number

Priority List Rank

CRANFORD TOWNSHIP  
340858-03  
STORMWATER MANAGEMENT

257

County

UNION

Existing Population

22,578

Service Area

Township of Cranford

Need for Project

Flooding in the project area is having adverse effects on water quality in the Rahway River. The proposed pump station will screen out floatables and debris that would otherwise be discharged to the river. Reduction in the frequency of flooding will reduce the amount of debris and pollution discharged to the river.

Project Description

The proposed project includes construction stormwater pumping station, approximately 3,000 feet of storm trunk sewer lines connecting the local storm sewers to the pumping station, and associated structures, outfalls, and appurtenances.

Project Name, Number

Priority List Rank

BYRAM TOWNSHIP  
340569-03  
EQUIPMENT (WEED HARVESTER)

262

County

SUSSEX

Existing Population

8,700

Service Area

Township of Byram

Need for Project

Several of Byram Township's settled lakes are regularly subjected to herbicide treatments to control nuisance weeds. Extensive herbicide use is likely to be affecting wells in the "Cranberry" neighborhood, especially along the shoreline.

Project Description

The proposed project is for the purchase of a weed harvester to mechanically harvest nuisance weeds in the shallower areas of the lakes, thereby reducing the need for the use of herbicides.

Project Name, Number

Priority List Rank

CAPE MAY POINT BOROUGH  
340005-01  
PUMP STATION UPGRADE

267

County

CAPE MAY

Existing Population

241

Service Area

Cape May Point Borough

Need for Project

Equipment at the Borough's pump station has reached its useful life and needs to be reconstructed and upgraded to handle peak flows. The inability of the pumps to adequately handle the sewage causes severe odor problems throughout the collection system and poses the potential for overflows.

Project Description

The proposed project includes the replacement of equipment at the Borough's pump station.

Project Name, Number

MIDDLESEX COUNTY UA  
340699-06  
FORCE MAIN

Priority List Rank

270

County

MIDDLESEX

Existing Population

694,380

Service Area

Most of Middlesex County and parts of Somerset and Union Counties

Need for Project

The Authority is under an Administrative Consent Order to construct a secondary force main to service the Edison Pump Station.

Project Description

The proposed project includes construction of a secondary force main to service the Edison Pump Station and related upgrades.

Project Name, Number

Priority List Rank

GLOUCESTER COUNTY

281

340036-01

NPS MANAGEMENT

County

GLOUCESTER

Existing Population

254,673

Service Area

Gloucester County

Need for Project

Purchase of street sweeping equipment will help the county reduce the amount of debris and sediment entering the stormwater system thus reducing the solids/floatables entering local waterways. Construction of a road salt storage facility will provide an effective runoff control system to prevent ground and surface water contamination from storm event runoff. Indoor storage of road salt will eliminate runoff saturated with road salt from draining into local waterways.

Project Description

The project includes purchase of street sweeping equipment and construction of a salt storage facility.

Project Name, Number

Priority List Rank

ATLANTIC COUNTY UA  
340809-11  
WATER RECLAMATION

284

County

ATLANTIC

Existing Population

163,667

Service Area

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

Need for Project

Reclamation of wastewater for beneficial reuse will help aquifer protection, allocation and conservation in Atlantic County, and reduce treated wastewater discharges into the Atlantic Ocean.

Project Description

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

Project Name, Number

Priority List Rank

EWING LAWRENCE SA  
340391-08  
FORCE MAIN

295

County

MERCER

Existing Population

64,866

Service Area

Mountain View section of Ewing Township

Need for Project

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

Project Description

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

Project Name, Number

MONMOUTH COUNTY BAYSHORE OA  
340325-03  
OUTFALL REPAIR

Priority List Rank

297

County

MONMOUTH

Existing Population

61,304

Service Area

Union Beach, Keyport, Hazlet, Holmdel, Matawan

Need for Project

The Bayshore RSA discharges to the Atlantic Ocean and has the potential to adversely affect shellfishing and recreational activities along the Monmouth County beachfront. Due to a leak discovered in the pipeline, the Authority must complete a repair to permanently seal the leak and provide structural support for portions of the pipe that have been weakened by corrosion.

Project Description

The proposed project includes using a large diameter split sleeve repair clamp to repair a leak in the outfall pipe. An underwater inspection will be completed and additional repairs made as needed.

Project Name, Number

Priority List Rank

BERKELEY TOWNSHIP  
340969-04  
COLLECTION SYSTEM

306

County

OCEAN

Existing Population

39,991

Service Area

Berkeley Township

Need for Project

Developed sections of the Pinewald area of Berkeley Township use septic systems for wastewater disposal. A number of septic systems have failed. The proposed collection system will replace the septic systems eliminating future failures and possible overflows.

Project Description

The proposed project includes installation of 21,665 feet of 8-inch sanitary sewer to service approximately 172 existing homes in the Pinewald area of Berkeley Township.

Project Name, Number

Priority List Rank

WEST MILFORD TOWNSHIP MUA  
340701-08  
SEWER SYSTEM REHABILITATION

327

County

PASSAIC

Existing Population

25,430

Service Area

Awosting STP area of West Milford Township

Need for Project

The Awosting STP service area is subject to excessive infiltration/ inflow (I/I), as demonstrated in the May 1997 I/I Evaluation Study Project Report. The Awosting STP is permitted for an average daily flow of 45,000 gallons per day (GPD), but peak conditions can result in total system flows up to 1,000,000 GPD. This has resulted in sewage overflows near the plant and direct discharge into the Wanaque River, which flows into the Monksville Reservoir, a potable water supply source and a trout fishery. DEP has issued a Treatment Works Approval authorizing the construction and operation of temporary wet weather treatment system to address the overflow situation. Additionally, the Authority has recently executed a Consent Order with DEP that mandates the implementation of the Phase 1 project in accordance with an established compliance schedule.

Project Description

The proposed project represents phases 2 and 3 of a three-phase project for the implementation of I/I correction measures to eliminate all existing overflows. This may include the cost-effective replacement of defective and/or leaking sewers, as well as standard sewer system rehabilitation measures. The project also involves replacement and extension of the existing STP outfall.

Project Name, Number

MEDFORD TOWNSHIP  
340346-02  
STORMWATER MANAGEMENT

Priority List Rank

334

County

BURLINGTON

Existing Population

22,253

Service Area

Medford Township

Need for Project

The Birchwood Lakes and Blue Lake are essential to Medford's storm drainage system and flood control. Sediment needs to be removed to restore proper storm drainage. The bulkhead reduces the amount of sediment that builds up in the lakes and without it sediment and debris is flowing into the lakes and downstream.

Project Description

The proposed project includes removal of sediment and debris from the lakes and replacement/repair of bulkheads to reduce erosion and control solids/floatables.

Project Name, Number

Priority List Rank

CHATHAM TOWNSHIP  
340316-02  
COLLECTION SYSTEM

384

County

MORRIS

Existing Population

10,086

Service Area

Chatham Township

Need for Project

Failure of on-site sewage disposal systems within the township are causing potential environmental or health hazards and creating a public nuisance.

Project Description

The proposed project includes the construction of a collection system and force main to connect to an existing pump station that will convey flows to the Township's treatment facility.

Project Name, Number

Priority List Rank

EAST RUTHERFORD BOROUGH

387

340296-02

I/I CORRECTION

County

BERGEN

Existing Population

8,716

Service Area

Borough of East Rutherford

Need for Project

The Borough's sanitary sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow in the collection system and at the treatment plant site during wet weather periods.

Project Description

The proposed project includes replacement of sewer lines and associated appurtenances to reduce rainfall-induced surcharging of the collection system and sewage treatment plant.

Project Name, Number

Priority List Rank

CARLSTADT SEWERAGE AUTHORITY  
340705-04  
SEWER REHABILITATION, PUMP STATION

404

County

BERGEN

Existing Population

5,917

Service Area

Borough of Carlstadt

Need for Project

The existing pump station located at Jony Drive was built in 1969 and has exceeded its useful life. In addition, development of the Meadowlands Mills project requires additional sewer capacity in the project area. The Barell Avenue Pump Station requires a complete refurbishment of the existing equipment due to a substantial flow increase from the Meadowlands Mills project.

Project Description

The proposed project involves the construction of a new pump station located adjacent to the existing pump station on Jony Drive. The new pump station is planned to handle an average flow of 2.2 MGD with a peak flow of 6.4 MGD. The existing 18 inch force main was designed to handle this peak flow. The sewage is conveyed to Bergen County Utilities Authority for treatment and disposal. Also included in the project is the replacement of the existing pumps and equipment and other modifications as necessary to meet present day safety requirements in the Barell Avenue Pump Station.

Project Name, Number

Priority List Rank

EGG HARBOR TOWNSHIP  
340856-01  
STORMWATER MANAGEMENT

429

County

ATLANTIC

Existing Population

4,545

Service Area

West Atlantic City section of Egg Harbor Township

Need for Project

The existing stormwater collection system in West Atlantic City is physically deteriorating and is inadequate to collect and discharge runoff to Lakes Bay. Under normal conditions, tidal flooding often surcharges the system and discharges tidal water back through stormwater inlets due to a lack of back flow prevention devices. This increased flooding increases the amount of sediment and other pollutants that enter the collection system and are discharged to Lakes Bay. A new stormwater system will reduce the amount and frequency of flooding, which will decrease the concentration of solids, nutrients, and fecal coliform in the Bay.

Project Description

The proposed project includes construction of a stormwater management system that will handle runoff from a 100-year storm event. This will include replacing all existing inlets and piping, eliminating numerous bay discharge points, and installing new outfalls.

Project Name, Number

Priority List Rank

MEDFORD LAKES BOROUGH  
340319-02  
STORMWATER MANAGEMENT

432

County

BURLINGTON

Existing Population

4,173

Service Area

Borough of Medford Lakes

Need for Project

The Medford Lake are essential to the Borough's storm drainage system and flood control. The bulkhead reduces the amount of sediment that builds up in the lake and without it sediment and debris is flowing into the lake and downstream.

Project Description

The proposed project includes replacement/repair of the bulkhead to reduce erosion and control solids/floatables.

Project Name, Number

Priority List Rank

LONG BEACH TOWNSHIP  
340023-01  
SEWER REHABILITATION

439

County

OCEAN

Existing Population

3,329

Service Area

Long Beach Township

Need for Project

Rehabilitation of the collection system will address water compliance and enforcement concerns with the existing sanitary sewer system.

Project Description

The proposed project includes replacement of approximately 3000 feet of sanitary sewer.

*Interim Financing Program  
Eligibility List*

*Appendix B*



## PROPOSED FEDERAL FISCAL YEAR 2005(UPDATE) 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			
1	340547-11 RAHWAY VALLEY SA			14,401					18,497	T 050730	
2	340430-02 PASSAIC VALLEY SC					79,793			100,557	BEYOND04	
3	340638-04 BRIDGEWATER TOWNSHIP			1,054					1,465	BEYOND04	
4	340781-04 RARITAN BOROUGH			250					360	BEYOND04	
5	340418-03 OAKLAND BOROUGH		7,000		21,760				36,522	BEYOND04	
6	340747-05 JEFFERSON TOWNSHIP				14,922				19,158	BEYOND04	
7	340689-03 PASSAIC VALLEY SEWERAGE	8,420							10,967	T 050730	
8	340815-05 NEWARK CITY					11,202			14,472	T 050730	
9	340495-03 SPARTA TOWNSHIP	1,470	637						2,853	BEYOND04	
10	340366-06 CAMDEN CITY					46,353			58,648	BEYOND04	
11	340810-03 LOWER TOWNSHIP MUA		2,333						3,135	BEYOND04	
12	340964-01 WARREN TOWNSHIP SA	3,000							3,997	BEYOND04	
13	340689-01 PASSAIC VALLEY SEWERAGE	245,000							309,092	BEYOND04	
14	340699-03 MIDDLESEX COUNTY UA	285,613							363,247	BEYOND04	

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

Cat 1 - Secondary/Sludge/Septage Treatment  
 Cat 4 - New Collectors, Interceptors & Appurtenances  
 Cat 7 - Nonpoint Source Management

Cat 2 - Advanced Treatment  
 Cat 5 - Correction of Combined Sewer Overflows

Cat 3 - Sewer System Rehabilitation  
 Cat 6 - Stormwater Management

## PROPOSED FEDERAL FISCAL YEAR 2005(UPDATE) 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			
15	340835-01 ORADELL BOROUGH			204					295		BEYOND04
16	340349-03 PENNSAUKEN TOWNSHIP					1,400	2,600		5,308		BEYOND04
17	340636-04 POMPTON LAKES BOROUGH MUA		770	110					1,232		BEYOND04
18	340768-03 BERGEN COUNTY UA					12,948			16,647		BEYOND04
19	340928-03 JERSEY CITY MUA					37,122			47,046		BEYOND04
19	340928-04 JERSEY CITY MUA					1,790			2,437		T 050730
21	340952-04 NORTH HUDSON SA					6,900			9,008		T 050730
22	340399-26 BAYONNE MUA					58,300			73,637		BEYOND04
23	340688-04 RIDGEFIELD PARK VILLAGE					13,000			16,713		BEYOND04
24	340854-02 GUTTENBERG TOWN					280			376		BEYOND04
25	340463-06 MEDFORD LAKES BOROUGH		3,105						4,135		BEYOND04
26	340453-03 WARREN CO-PAULINSKILL/BLAIRSTOWN	595	411		911				2,607		BEYOND04
27	340699-05 MIDDLESEX COUNTY UA	179,409							224,459		BEYOND04
28	340399-09 HUDSON COUNTY UA (HOBOKEN)					10,846			14,038		BEYOND04

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
29	340299-04 LINDEN-ROSELLE SA				4,199	5,044			12,027		BEYOND04
30	340399-20 NORTH BERGEN MUA		30,000						38,083		BEYOND04
31	340639-05 RIDGEWOOD VILLAGE				1,520				2,075		BEYOND04
32	340446-08 EDGEWATER MUA					5,500			7,234		BEYOND04
33	340275-01 RIVERTON BOROUGH	649							914		BEYOND04
34	340747-02 JEFFERSON TOWNSHIP	1,428							1,952		BEYOND04
35	340503-03 SUSSEX COUNTY MUA (POCHUCK)		4,000		2,100				7,975		T 050730
36	340925-01 WRIGHTSTOWN (WRIGHTSTOWN MUA)	2,000	900						3,866		BEYOND04
37	340386-04 BERGEN COUNTY UA		68,569						86,505		BEYOND04
38	340952-05 NORTH HUDSON SA	980							1,369		T 050730
39	340372-26 OCEAN COUNTY UA	46,000		5,000					64,479		T 050730
40	340898-01 HAMILTON TOWNSHIP		8,830						10,686		BEYOND04
41	340809-08 ATLANTIC COUNTY UA	1,196							1,641		BEYOND04
42	340821-04 ROCKAWAY VALLEY RSA	7,500							9,782		BEYOND04

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
43	340410-05 NEPTUNE TOWNSHIP SA		8,200						10,684		BEYOND04
44	340463-05 EVESHAM MUA (WOODSTREAM)	2,550	52	102	2,713				7,132		BEYOND04
45	340446-09 EDGEWATER MUA	1,500	300						2,451		BEYOND04
46	340703-06 FLORHAM PARK SA	2,000							2,718		BEYOND04
47	340809-09 ATLANTIC COUNTY UA	2,000							2,718		BEYOND04
48	340870-02 PENNSVILLE SA		1,200		4,281				7,211		BEYOND04
49	340747-04 JEFFERSON TOWNSHIP (ROCKAWAY)				4,932				6,526		BEYOND04
50	340526-06 GLOUCESTER CO UA (GIBBSTOWN)	1,122	561						2,294		BEYOND04
51	340832-01 HOWELL TWP MUA				4,435				5,877		BEYOND04
52	340917-01 DELAWARE TOWNSHIP MUA		800	300					1,522		BEYOND04
53	340336-03 LONG BRANCH SA	644			481				1,553		BEYOND04
54	340935-01 MANSFIELD TOWNSHIP	700	300						1,396		BEYOND04
55	340958-05 GLOUCESTER CITY					166			243		BEYOND04
56	340454-04 WARREN COUNTY (PEQUEST RIVER) MUA		5,000						6,614		BEYOND04

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
57	340848-01 EAST NEWARK BOROUGH					350			500		T 050730
58	340780-03 WANAQUE VALLEY RSA	2,000							2,718		BEYOND04
59	340652-01 NORTH BERGEN TOWNSHIP/HUDSON CO				2,800	200			3,997		BEYOND04
60	340518-04 BUENA BOROUGH MUA	1,500							2,049		BEYOND04
61	340738-03 WYCKOFF TOWNSHIP				11,220				14,494		BEYOND04
62	340935-02 MANSFIELD TOWNSHIP			100					147		BEYOND04
63	340461-05 LANDIS SA	2,700							3,603		BEYOND04
64	340830-01 BEDMINSTER TOWNSHIP		35,000						44,376		BEYOND04
65	340683-05 PASSAIC VALLEY SC	105,400							132,505		BEYOND04
65	340689-06 PASSAIC VALLEY SEWERAGE	50,000							63,223		BEYOND04
67	340900-01 HUDSON COUNTY UA (AREA I)				21,091				26,962		BEYOND04
68	340366-02 CAMDEN CITY	470							667		BEYOND04
69	340804-04 SALEM COUNTY BOARD OF		14,218						18,263		BEYOND04
70	340803-04 HACKETTSTOWN MUA				1,011				1,411		BEYOND04

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

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
71	340416-13 TRENTON CITY							7,740	10,091	T 050730	
72	340044-01 CAMDEN REDEVELOPMENT AGENCY							125,000	156,735	BEYOND04	
73	340111-01 NEW JERSEY CITY UNIVERSITY							4,000	5,308	T 050730	
74	340437-12 NEW BRUNSWICK							2,500	3,340	BEYOND04	
75	340820-03 LONG BRANCH SA.	2,824							3,766	BEYOND04	
76	340341-05 HARRISON TOWN/HUDSON COUNTY IA							25,000	31,783	T 050730	
77	343008-01 PRINCETON TOWNSHIP							3,500	4,653	BEYOND04	
78	343041-01 WILDWOOD CREST BOROUGH							3,000	3,997	BEYOND04	
79	340965-01 ALLOWAY TOWNSHIP/QUINTON				7,640				9,963	BEYOND04	
80	340946-02 STAFFORD TOWNSHIP				6,100				7,975	BEYOND04	
81	340638-03 BRIDGEWATER TOWNSHIP			52	1,615				2,273	BEYOND04	
82	340626-04 WEST WILDWOOD BOROUGH				37				55	BEYOND04	
83	340781-03 RARITAN BOROUGH				387				551	BEYOND04	
84	340434-02 WANAQUE BOROUGH				212				306	BEYOND04	

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
85	340915-02 HIGHTSTOWN BOROUGH	569							804		BEYOND04
86	343045-01 CAPE MAY CITY							4,000	5,308		T 050730
87	343031-01 MENDHAM TOWNSHIP							4,000	5,308		BEYOND04
88	340872-01 HOPE TOWNSHIP	356							508		BEYOND04
89	340686-03 ESSEX-UNION JOINT MEETING	15,000							19,257		BEYOND04
89	340686-04 ESSEX UNION JOINT MEETING	8,600							11,199		BEYOND04
91	340687-05 BERGEN COUNTY UA	29,802							37,834		BEYOND04
92	340640-06 CAMDEN COUNTY MUA	68,350							86,231		BEYOND04
93	340818-04 BURLINGTON COUNTY BOARD OF	7,781							10,144		BEYOND04
94	343004-03 MERCER COUNTY							800	1,122		BEYOND04
95	340815-07 NEWARK CITY			11,913					15,334		T 050730
95	340815-08 NEWARK CITY							1,500	2,049		T 050730
97	340399-15 HUDSON COUNTY UA	15,603							20,024		BEYOND04
98	340405-04 ATLANTIC COUNTY UA	15,275							19,607		BEYOND04

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
99	340850-01 PATERSON CITY			22,136					28,256		BEYOND04
100	342008-01 SUSSEX COUNTY MUA							1,800	2,451		BEYOND04
101	340821-03 ROCKAWAY VALLEY REG SA	12,531							16,116		BEYOND04
102	343035-01 WARREN COUNTY							2,374	3,185		BEYOND04
103	343027-02 EDISON TOWNSHIP							43,826	55,475		BEYOND04
104	343051-01 HAMILTON TOWNSHIP							6,000	7,846		T 050730
105	340366-03 CAMDEN CITY			15					22		BEYOND04
106	340416-12 TRENTON CITY			2,000					2,718		BEYOND04
107	340366-07 CAMDEN CITY			2,409					3,229		T 050730
108	343010-02 BRICK TOWNSHIP							1,885	2,564		T 050730
109	343021-02 MIDDLETOWN TOWNSHIP							2,900	3,866		T 050730
110	340886-01 PARSIPPANY-TROY HILLS TWP	1,001							1,398		BEYOND04
111	342009-01 BAYONNE LOCAL REDEVELOPMENT							2,957	3,941		BEYOND04
112	340945-04 OLD BRIDGE MUA				25,990				33,032		BEYOND04

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
113	340652-07 NORTH BERGEN TOWNSHIP			450					639		BEYOND04
114	343014-01 GLOUCESTER TOWNSHIP							949	1,328		BEYOND04
115	340110-01 BERGEN COUNTY IMPROVEMENT							86,000	108,324		T 050730
116	340661-06 CAPE MAY COUNTY MUA	9,457							12,302		BEYOND04
117	340400-04 STONY BROOK REGIONAL SA	8,095							10,549		BEYOND04
118	343055-01 NJ WATER SA (MANASQUAN BASIN)							10,000	13,000		BEYOND04
119	340390-05 WANAQUE VALLEY REG SA	10,000	6,000	1,000	3,000				25,607		BEYOND04
120	343044-01 WASHINGTON TOWNSHIP (GLOUCESTER							725	1,019		BEYOND04
121	340399-21 NORTH BERGEN MUA				10,000				13,000		T 050730
122	340929-01 WAYNE TOWNSHIP				1,360				1,861		BEYOND04
123	343017-01 FRANKLIN TOWNSHIP							16,863	21,625		BEYOND04
124	340437-03 NEW BRUNSWICK CITY			675					950		BEYOND04
125	340259-04 KEARNY TOWN/KEARNY MUA				1,650				2,250		T 050730
126	343011-01 HOWELL TOWNSHIP							1,500	2,049		BEYOND04

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Cat 3 - Sewer System Rehabilitation  
 Cat 6 - Stormwater Management

## PROPOSED FEDERAL FISCAL YEAR 2005(UPDATE) 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			
127	340635-03 HOBOKEN CITY							50	73		BEYOND04
128	343024-01 HACKENSACK CITY							519	735		BEYOND04
129	343059-01 MARLBORO TOWNSHIP							3,000	3,997		T 050730
130	342003-01 EVESHAM TOWNSHIP							2,200	3,055		BEYOND04
131	340259-03 KEARNY MUA			2,116					2,865		BEYOND04
132	343039-01 MANALAPAN TOWNSHIP							2,600	3,471		BEYOND04
133	343015-01 MOUNT LAUREL TOWNSHIP							3,135	4,174		BEYOND04
134	340895-02 WINSLOW TWP				2,003				2,722		BEYOND04
135	340875-01 VOORHEES TOWNSHIP				4,246				5,630		BEYOND04
136	343054-02 NJ WATER SA (RARITAN BASIN)							6,500	8,492		T 050730
137	340819-02 MT HOLLY SA	3,920							5,203		BEYOND04
138	343063-01 EAST WINDSOR TOWNSHIP							1,000	1,396		T 050730
139	340304-01 FREEHOLD TOWNSHIP				3,678				4,886		BEYOND04
139	343018-01 FREEHOLD TOWNSHIP							2,000	2,718		BEYOND04

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

Cat 1 - Secondary/Sludge/Septage Treatment  
 Cat 4 - New Collectors, Interceptors & Appurtenances  
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Cat 2 - Advanced Treatment  
 Cat 5 - Correction of Combined Sewer Overflows

Cat 3 - Sewer System Rehabilitation  
 Cat 6 - Stormwater Management

## PROPOSED FEDERAL FISCAL YEAR 2005(UPDATE) 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			
141	340526-03 GLOUCESTER CO UA (MONROE)	1,310	562		281				2,911		BEYOND04
142	340897-01 SOUTH BRUNSWICK TOWNSHIP				896				1,254		BEYOND04
143	343005-02 WEST WINDSOR TOWNSHIP							6,000	7,846		T 050730
144	343060-01 BURLINGTON TOWNSHIP							1,567	2,140		T 050730
145	343007-01 RANDOLPH TOWNSHIP							8,370	10,903		BEYOND04
146	343022-01 MORRIS TOWNSHIP							2,000	2,718		BEYOND04
147	340478-05 ROCKAWAY TOWNSHIP	5,549			8,077				17,510		BEYOND04
148	343025-01 POINT PLEASANT BOROUGH							460	654		BEYOND04
149	340883-01 ASBURY PARK CITY	527							746		BEYOND04
150	340931-02 MONTVILLE TOWNSHIP MUA				12,820				16,484		BEYOND04
151	340029-03 SECAUCUS TOWN					1,705			2,324		T 050730
152	340650-03 MANCHESTER TWP				6,872				8,972		BEYOND04
153	340382-02 BERNARDS TOWNSHIP SA				380				542		BEYOND04
154	340620-05 BARNEGAT TOWNSHIP				1,832				2,494		T 050730

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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			
155	340461-04 GLOUCESTER COUNTY UA (FRANKLIN				5,481				7,211		BEYOND04
156	340418-05 OAKLAND BOROUGH				32,200				40,854		BEYOND04
157	343012-01 CLINTON TOWNSHIP							10,000	13,000		T 050730
158	343003-01 HANOVER TOWNSHIP							9,000	11,714		BEYOND04
159	343042-01 BRIGANTINE CITY							5,000	6,614		BEYOND04
160	340745-02 VERNON TWP				5,050				6,677		BEYOND04
161	340592-03 MAHWAH TOWNSHIP			182	6,862				9,194		BEYOND04
162	343029-01 MONTGOMERY TOWNSHIP							3,454	4,594		BEYOND04
163	340760-03 WANTAGE TWP				402				572		BEYOND04
164	343064-01 RIVER VALE TOWNSHIP							5,000	6,614		T 050730
165	340403-05 CHATHAM TOWNSHIP	500							708		BEYOND04
165	343016-01 CHATHAM TOWNSHIP							2,000	2,718		BEYOND04
167	343001-01 FLORHAM PARK BOROUGH							7,500	9,782		BEYOND04
168	343036-01 BORDENTOWN TOWNSHIP							10,447	13,550		BEYOND04

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## PROPOSED FEDERAL FISCAL YEAR 2005(UPDATE) 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			
169	343047-01 BYRAM TOWNSHIP							1,400	1,915	T 050730	
170	343038-01 EDGEWATER PARK TOWNSHIP							100	147	BEYOND04	
171	340909-01 UPPER SADDLE RIVER, BOROUGH OF				991				1,384	BEYOND04	
172	340404-05 LONG HILL TWP				11,221				14,495	BEYOND04	
173	343052-01 MILLTOWN BOROUGH							3,500	4,653	BEYOND04	
174	343040-01 MANSFIELD TOWNSHIP							1,196	1,641	BEYOND04	
175	340650-05 MANCHESTER TOWNSHIP				10,644				13,791	BEYOND04	
176	340957-01 FAIRFIELD TOWNSHIP				1,607				2,192	BEYOND04	
177	340705-03 CARLSTADT SA				4,026				5,342	BEYOND04	
178	340805-02 MILFORD BOROUGH	2,604		456					4,076	BEYOND04	
179	340607-03 PLUMSTED TWP MUA	2,000	1,850		9,100				16,278	BEYOND04	
179	343019-01 PLUMSTED TOWNSHIP							6,800	8,879	BEYOND04	
181	340737-01 MAHWAH TOWNSHIP	158							230	BEYOND04	
182	340759-02 SUSSEX CO.	4,500	0		1,000				7,234	BEYOND04	

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## PROPOSED FEDERAL FISCAL YEAR 2005(UPDATE) 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			
183	342004-01 FAIRFIELD TOWNSHIP							1,200	1,645	BEYOND04	
184	340489-03 WHARTON BOROUGH				421				599	BEYOND04	
185	340790-02 BERLIN TOWNSHIP				600				847	BEYOND04	
186	340742-02 FRANKFORD TWP				2,007				2,727	BEYOND04	
187	343009-01 MILLSTONE TOWNSHIP							9,000	11,714	BEYOND04	
188	343061-01 CLEMENTON BOROUGH							3,000	3,997	T 050730	
189	343026-01 EASTAMPTON TOWNSHIP							3,000	3,997	BEYOND04	
190	340568-02 BLAIRSTOWN TWP				1,092				1,512	BEYOND04	
191	340466-03 DENVERVILLE TOWNSHIP				14,176				18,210	BEYOND04	
192	343062-01 EAST AMWELL							336	481	T 050730	
193	343053-01 MINE HILL TOWNSHIP							1,000	1,396	BEYOND04	
194	340927-03 HAMMONTON TOWN				3,752				4,983	BEYOND04	
195	343049-01 PEAPACK & GLADSTONE BOROUGH							750	1,054	BEYOND04	
196	340729-01 RIVERDALE BOROUGH				1,273				1,744	BEYOND04	

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## PROPOSED FEDERAL FISCAL YEAR 2005(UPDATE) 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			
197	340473-01 RIVERDALE BOROUGH				3,265				4,345		BEYOND04
198	340592-06 MAHWAH TOWNSHIP			275	3,896				5,532		BEYOND04
199	340652-06 NORTH BERGEN MUA				3,000				3,997		BEYOND04
200	340445-02 OXFORD TOWNSHIP				125				183		BEYOND04
201	340838-01 EVESHAM MUA	2,747							3,665		BEYOND04
202	340487-02 KINNELON BOROUGH				7,641				9,964		BEYOND04
203	342002-01 ESTELL MANOR CITY						1,140		1,572		BEYOND04
204	340480-06 PEQUANNOCK TOWNSHIP				7,152				9,333		BEYOND04
205	340930-01 WASHINGTON TOWNSHIP				2,496				3,335		BEYOND04
206	340650-06 MANCHESTER TOWNSHIP				2,500				3,340		BEYOND04
207	340485-04 RARITAN TOWNSHIP MUA	6,570							8,583		BEYOND04
208	340619-03 UPPER TWP (STRATHMERE)				1,707				2,326		BEYOND04
209	340480-05 PEQUANNOCK TOWNSHIP				4,838				6,403		BEYOND04
210	340740-02 BRANCHVILLE BOROUGH				1,900				2,584		BEYOND04

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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			
211	340961-01 SOUTHAMPTON TOWNSHIP				1,806				2,459	BEYOND04	
212	340892-02 GALLOWAY TOWNSHIP				4,300				5,700	BEYOND04	
213	340959-02 NORTH ARLINGTON BOROUGH				500				708	BEYOND04	
214	340831-01 SHAMONG TWP	1,988							2,702	BEYOND04	
215	340271-01 MILLSTONE BOROUGH				2,500				3,340	BEYOND04	
216	340836-01 PLAINSBORO TOWNSHIP				1,530				2,089	BEYOND04	
217	340839-01 FRANKLIN TWP SA (SOMERSET CO.)				1,154				1,589	BEYOND04	
218	340918-01 CLAYTON BOROUGH(SILVER LAKE)				829				1,162	BEYOND04	
219	340870-01 PENNSVILLE SA				1,581				2,157	BEYOND04	
220	340833-01 BUENA BOROUGH MUA	509							721	BEYOND04	
221	340480-03 PEQUANNOCK TOWNSHIP				1,200				1,645	BEYOND04	
222	340594-02 LINCOLN PARK BOROUGH				3,189				4,245	BEYOND04	
223	340433-08 WOODBRIIDGE TOWNSHIP				25				36	BEYOND04	
224	340103-01 SOUTH ORANGE VILLAGE TOWNSHIP						1,500		2,049	BEYOND04	

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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			
225	340376-04 MORRISTOWN TOWN			6,600					8,621		BEYOND04
226	340107-01 MORRIS COUNTY							10,000	13,000		BEYOND04
227	342008-03 SUSSEX COUNTY MUA							5,000	6,614		BEYOND04
228	340416-11 TRENTON CITY	3,000							3,997		BEYOND04
229	340366-05 CAMDEN CITY							5,000	6,614		T 050730
230	340349-04 PENNSAUKEN TOWNSHIP							125,000	156,735		BEYOND04
231	340656-03 PRINCETON SOC			12,000					15,439		T 050730
232	340336-05 LONG BRANCH SA			1,000					1,396		BEYOND04
233	340892-03 GALLOWAY TOWNSHIP				400		6,500		9,008		BEYOND04
234	340889-01 DOVER TOWN			664					935		BEYOND04
235	340360-01 METUCHEN BOROUGH			2,800					3,734		BEYOND04
236	340295-01 BOUND BROOK BOROUGH			150					218		BEYOND04
237	340102-01 MILLTOWN BOROUGH							5,000	6,614		BEYOND04
238	340664-03 WILDWOOD CITY			2,250					3,032		BEYOND04

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## PROPOSED FEDERAL FISCAL YEAR 2005(UPDATE) 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			
239	340664-02 WILDWOOD CITY						1,831		2,492	BEYOND04	
240	340037-01 EAST AMWELL							450	639	T 050730	
241	340719-02 WILDWOOD CREST BOROUGH			3,500					4,653	BEYOND04	
242	340626-03 WEST WILDWOOD BOROUGH			396					564	BEYOND04	
243	340921-04 MILLVILLE CITY			5,350	1,200				8,557	BEYOND04	
244	340778-01 TOTOWA BOROUGH			700					985	BEYOND04	
244	340778-04 TOTOWA BOROUGH			350					420	BEYOND04	
246	340304-02 FREEHOLD BOROUGH			300					430	BEYOND04	
247	340030-02 PALMYRA BOROUGH							238	343	T 050730	
248	340816-03 BERNARDSVILLE BOROUGH			809					1,135	BEYOND04	
248	340816-04 BERNARDSVILLE BOROUGH			455					646	BEYOND04	
250	340258-01 CAPE MAY CITY				250				360	BEYOND04	
251	340911-01 MANASQUAN BOROUGH			4,600					6,093	BEYOND04	
252	340034-01 TUCKERTON BOROUGH			741					1,041	T 050730	

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## PROPOSED FEDERAL FISCAL YEAR 2005(UPDATE) 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			
253	340347-01 SOUTH BOUND BROOK BOROUGH				850				1,239		BEYOND04
254	340864-01 AVALON BOROUGH		310	796					1,530		BEYOND04
255	340722-01 STONE HARBOR BOROUGH			178					258		BEYOND04
256	340858-01 CRANFORD TOWNSHIP			443					629		BEYOND04
257	340858-03 CRANFORD TOWNSHIP						4,000		5,308		T 050730
258	340752-01 PLEASANTVILLE CITY			151					220		BEYOND04
259	340967-01 MATAWAN BOROUGH			500					708		BEYOND04
260	340967-02 MATAWAN BOROUGH						3,310		4,404		BEYOND04
260	340967-03 MATAWAN BOROUGH							200	289		BEYOND04
262	340569-03 BYRAM TOWNSHIP							150	218		T 050730
263	340326-06 SOUTH AMBOY CITY			168					244		BEYOND04
264	340159-01 MENDHAM BOROUGH							220	318		BEYOND04
264	340159-02 MENDHAM BOROUGH							132	193		BEYOND04
266	340506-02 CRANBURY TOWNSHIP				2,700				3,603		BEYOND04

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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			
267	340005-01 CAPE MAY POINT BOROUGH			127					186		T 050730
268	340634-03 BLOOMINGDALE BOROUGH				2,842				3,790		BEYOND04
269	340680-05 MIDDLESEX COUNTY UA	1,018							1,419		BEYOND04
270	340699-06 MIDDLESEX COUNTY UA				30,000				38,083		T 050730
271	340788-05 MONMOUTH COUNTY BOARD OF							655	923		BEYOND04
272	340525-01 CAMDEN COUNTY BOARD OF							560	792		BEYOND04
272	340525-02 CAMDEN COUNTY DEPARTMENT OF							1,235	1,693		BEYOND04
272	340525-03 CAMDEN COUNTY DEPARTMENT OF							552	781		BEYOND04
275	340637-04 MIDDLESEX COUNTY UA			15,618					20,043		BEYOND04
276	340280-01 UNION COUNTY							3,776	5,015		BEYOND04
277	340768-02 BERGEN COUNTY UA			12,184					15,673		BEYOND04
278	340709-02 CAMDEN COUNTY MUA			12,184					15,673		BEYOND04
279	340817-02 MT HOLLY SA	1,102							1,525		BEYOND04
280	340806-03 PARSIPPANY-TROY HILLS TWP	246							354		BEYOND04

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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			
281	340036-01 GLOUCESTER COUNTY							1,000	1,396	T 050730	
282	340547-03 RAHWAY VALLEY SA			4,482					5,938	BEYOND04	
282	340547-08 RAHWAY VALLEY SA			1,250					1,713	BEYOND04	
284	340809-10 ATLANTIC COUNTY UA			3,175					4,227	BEYOND04	
284	340809-11 ATLANTIC COUNTY UA		1,530						2,089	T 050730	
286	340902-01 GLOUCESTER COUNTY UA	3,723							4,945	BEYOND04	
287	340952-02 NORTH HUDSON SA			4,950					6,549	BEYOND04	
288	340801-03 SOMERSET-RARITAN VALLEY SA	1,054							1,465	BEYOND04	
288	340299-05 LINDEN ROSELLE SA			271					389	BEYOND04	
290	340756-02 ROCKAWAY VALLEY REG SA			4,482					5,938	BEYOND04	
291	340700-06 NORTHWEST BERGEN CO UA			6,076					7,944	BEYOND04	
292	340843-01 EAST ORANGE CITY			1,903					2,588	BEYOND04	
293	340844-01 CLIFTON CITY			1,025					1,428	BEYOND04	
294	340433-04 WOODBRIIDGE TOWNSHIP			807					1,132	BEYOND04	

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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			
295	340391-06 EWING LAWRENCE SA			2,000					2,718		BEYOND04
295	340391-08 EWING LAWRENCE SA			7,500					9,782		T 050730
297	340325-03 MONMOUTH COUNTY BAYSHORE OA			200					289		T 050730
298	340945-05 OLD BRIDGE MUA			1,600					2,183		BEYOND04
299	340804-03 SALEM COUNTY BD OF CHOSEN	5,162							6,816		BEYOND04
300	340385-03 BERKELEY HEIGHTS TOWNSHIP						350		500		BEYOND04
301	340845-01 PASSAIC CITY			4,018					5,331		BEYOND04
302	340364-01 GLOUCESTER TOWNSHIP MUA			1,100					1,540		BEYOND04
303	340700-05 NORTHWEST BERGEN CO UA	1,683							2,294		BEYOND04
304	340393-07 WAYNE TOWNSHIP			1,500					2,049		BEYOND04
305	340930-03 WASHINGTON TOWNSHIP MUA			683					962		BEYOND04
306	340969-01 BERKELEY TOWNSHIP			2,000					2,718		BEYOND04
306	340969-04 BERKELEY TOWNSHIP				2,030				2,756		T 050730
308	340865-01 WEST ORANGE TOWNSHIP			8,466	847				12,117		BEYOND04

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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			
309	340832-02 MANASQUAN RIVER REG SA				3,467				4,610	BEYOND04	
310	340282-01 HOPEWELL TOWNSHIP				18,685				23,940	BEYOND04	
311	340954-01 CHERRY HILL TOWNSHIP			456	456				1,276	BEYOND04	
312	340410-04 NEPTUNE TWP SA			3,369					4,481	BEYOND04	
313	340895-01 WINSLOW TWP (SICKLERSVILLE)				1,473				2,013	BEYOND04	
314	340397-01 EWING TOWNSHIP						325		465	BEYOND04	
314	340397-03 EWING TOWNSHIP						126		185	BEYOND04	
316	340853-01 FORT LEE BOROUGH			481					682	BEYOND04	
317	340859-01 ORANGE CITY			685					964	BEYOND04	
318	340649-02 PEMBERTON TOWNSHIP MUA	5,000		3,500	1,500				13,800	BEYOND04	
319	340353-02 EGG HARBOR TOWNSHIP MUA			650					916	BEYOND04	
319	340753-03 EGG HARBOR TOWNSHIP MUA			650					916	BEYOND04	
321	340895-04 WINSLOW TOWNSHIP (CEDAR BROOK)				3,000				3,997	BEYOND04	
321	340895-05 WINSLOW TOWNSHIP (W. ATCO)				3,600				4,852	BEYOND04	

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## PROPOSED FEDERAL FISCAL YEAR 2005(UPDATE) 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			
323	340423-03 MONROE MUA			1,649					2,249		BEYOND04
324	340423-04 MONROE TOWNSHIP						220		318		BEYOND04
325	340268-01 MARLBORO TOWNSHIP							115	169		BEYOND04
326	340459-05 PEQUANNOCK RIVER BASIN RSA			425					604		BEYOND04
327	340701-08 WEST MILFORD TOWNSHIP MUA			1,750					2,384		T 050730
328	340769-02 BERGEN COUNTY UA (TRIBORO)			1,150					1,584		BEYOND04
329	340750-04 OCEAN TOWNSHIP						855		1,198		BEYOND04
330	340639-07 RIDGEWOOD VILLAGE	2,189		2,375					6,046		BEYOND04
331	340283-02 MAPLEWOOD TOWNSHIP						4,130		5,479		BEYOND04
332	340715-03 MADISON-CHATHAM JOINT MEETING			553					782		BEYOND04
333	340866-01 SOUTH BRUNSWICK TOWNSHIP			260					374		BEYOND04
334	340346-02 MEDFORD TOWNSHIP						3,600		4,784		T 050730
335	340404-06 LONG HILL TOWNSHIP			1,700					2,317		BEYOND04
336	340968-01 HAZLET TOWNSHIP			650					916		BEYOND04

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
336	340443-05 EDGEWATER BOROUGH			2,301					3,091		BEYOND04
336	340968-02 HAZLET TOWNSHIP							290	416		BEYOND04
336	340968-03 HAZLET TOWNSHIP							95	140		BEYOND04
340	340906-03 HILLSIDE TOWNSHIP			791					1,110		BEYOND04
341	340537-05 MOUNT OLIVE TOWNSHIP							904	1,266		BEYOND04
342	340314-01 ROSELLE BOROUGH			1,156					1,592		BEYOND04
343	340939-01 CARTERET BOROUGH			5,500					7,234		BEYOND04
344	340632-07 RANDOLPH TOWNSHIP			3,221	3,550				8,842		BEYOND04
345	340912-02 MOORESTOWN TOWNSHIP			611					862		BEYOND04
346	340829-01 BRIDGETON CITY			975					1,362		BEYOND04
347	340446-06 EDGEWATER BOROUGH				1,617				2,207		BEYOND04
348	340863-01 ELMWOOD PARK BOROUGH			777					1,091		BEYOND04
349	340922-01 DUMONT BOROUGH			2,717					3,625		BEYOND04
350	340869-02 ABERDEEN TOWNSHIP				2,121				2,871		BEYOND04

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**STATE OF NEW JERSEY**  
**PROPOSED FEDERAL FISCAL YEAR 2005(UPDATE) PROJECT PRIORITY LIST**

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
351	340400-03 STONY BROOK REGIONAL SA			393					560	BEYOND04	
352	340313-01 PALISADES PARK BOROUGH			300					430	BEYOND04	
353	340884-01 ASBURY PARK CITY				1,581				2,157	BEYOND04	
354	340491-02 WEST WINDSOR TOWNSHIP				400				570	BEYOND04	
355	340577-07 READINGTON TOWNSHIP			155					226	BEYOND04	
356	340545-04 GLASSBORO BOROUGH				2,977				3,968	BEYOND04	
357	340730-01 OCEAN CITY			39					57	BEYOND04	
358	340839-03 FRANKLIN TOWNSHIP (GLOUCESTER CO.)		1,200						1,645	BEYOND04	
359	340580-04 WARREN CO LOPAT SA			1,809					2,463	BEYOND04	
360	340382-03 BERNARDS TOWNSHIP SA			337					482	BEYOND04	
361	340495-04 SPARTA TOWNSHIP				2,081				2,821	BEYOND04	
362	340533-04 VERONA BOROUGH			1,054					1,465	BEYOND04	
363	340855-01 SPRINGFIELD TOWNSHIP			1,054					1,465	BEYOND04	
364	340938-01 HIGHLAND PARK BOROUGH			3,242					4,315	BEYOND04	

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
364	340938-02 HIGHLAND PARK BOROUGH							335	479	BEYOND04	
366	340717-05 CEDAR GROVE TOWNSHIP			260					374	BEYOND04	
367	340766-02 PARSIPPANY-TROY HILLS TWP			35					51	BEYOND04	
368	340381-05 ROXBURY TWP			962					1,344	BEYOND04	
369	340803-03 HACKETTSTOWN MUA	451							641	BEYOND04	
370	340474-01 NEW PROVIDENCE BOROUGH							150	180	BEYOND04	
371	340329-01 HASBROUCK HEIGHTS BOROUGH			11,000					14,226	BEYOND04	
371	340329-02 HASBROUCK HEIGHTS BOROUGH							5,000	6,614	BEYOND04	
373	340919-02 HOLMDEL TOWNSHIP				32,050				40,665	BEYOND04	
374	340618-01 SOMERS POINT CITY			77					113	BEYOND04	
375	340703-05 FLORHAM PARK SA			1,000					1,396	BEYOND04	
376	340778-05 WEST PATERSON BOROUGH				517				733	BEYOND04	
377	340163-01 WATERFORD TOWNSHIP MUA				2,474				3,309	BEYOND04	
378	340862-01 WESTWOOD BOROUGH			690					971	BEYOND04	

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## PROPOSED FEDERAL FISCAL YEAR 2005(UPDATE) 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			
379	340716-04 LITTLE FALLS MUA			1,600					2,183		BEYOND04
380	340841-01 RIVER EDGE BOROUGH			320					458		BEYOND04
381	340780-02 WANAQUE VALLEY RSA/WANAQUE			1,136					1,567		BEYOND04
382	340326-04 SAYREVILLE BOROUGH			168					244		BEYOND04
383	340517-01 FAIRVIEW BOROUGH			1,027					1,431		BEYOND04
384	340316-02 CHATHAM TOWNSHIP				1,200				1,645		T 050730
385	340425-01 LITTLE FERRY BOROUGH			3,700					4,915		BEYOND04
386	340309-01 AUDUBON BOROUGH			779					1,094		BEYOND04
387	340296-02 EAST RUTHERFORD BOROUGH			728					1,024		T 050730
388	340166-01 EDGEWATER PARK TOWNSHIP						1,500		2,049		BEYOND04
389	340265-01 BOONTON TOWN						250		360		BEYOND04
390	340877-01 HADDON HEIGHTS BOROUGH			976					1,364		BEYOND04
391	340914-01 BOGOTA BOROUGH			103	30				194		BEYOND04
392	340861-01 GLEN RIDGE BOROUGH			234					337		BEYOND04

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
393	340903-02 HAMILTON TOWNSHIP MUA				2,044				2,774		BEYOND04
394	340446-10 EDGEWATER MUA						1,200		1,645		BEYOND04
395	340267-01 KEYPORT BOROUGH						150	100	360		BEYOND04
396	340374-01 CRESSKILL BOROUGH						310		444		BEYOND04
397	340846-01 MONTVALE BOROUGH			71					104		BEYOND04
398	340105-01 WESTAMPTON TOWNSHIP						200		289		BEYOND04
399	340346-01 MEDFORD TOWNSHIP			3,000					3,997		BEYOND04
400	340164-01 PAULSBORO BOROUGH						687		967		BEYOND04
401	340916-01 DUNELLEN BOROUGH			1,000					1,396		BEYOND04
402	340282-02 HOPEWELL TOWNSHIP				2,603				3,475		BEYOND04
403	340278-01 UNION BEACH BOROUGH			1,700					2,317		BEYOND04
404	340705-04 CARLSTADT SEWERAGE AUTHORITY			600					847		T 050730
405	340264-02 LOPATCONG TOWNSHIP			2,000					2,718		BEYOND04
406	340308-01 BERLIN BOROUGH						500		708		BEYOND04

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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			
407	340426-06 N ARLINGTON - LYNDHURST JT MTG			150					218		BEYOND04
407	340426-05 N ARLINGTON-LYNDHURST JT MTG			3,527					4,688		BEYOND04
407	340310-01 ROCHELLE PARK TOWNSHIP			1,653					2,255		BEYOND04
410	340479-02 POINT PLEASANT BEACH BOROUGH			1,107					1,531		BEYOND04
411	340790-03 BERLIN TOWNSHIP							853	88	1,317	BEYOND04
412	340338-03 SOMERDALE BOROUGH								952	1,331	BEYOND04
413	340840-01 SPRING LAKES HEIGHTS, BOROUGH OF			111						163	BEYOND04
414	340368-01 EAST GREENWICH TOWNSHIP				464					660	BEYOND04
415	340330-01 MORRIS PLAINS BOROUGH			335						479	BEYOND04
416	340106-02 NEPTUNE CITY BOROUGH			300						430	BEYOND04
417	340901-01 HIGHLANDS BOROUGH			622						877	BEYOND04
418	340446-07 EDGEWATER BOROUGH								2,000	2,718	BEYOND04
419	340502-05 PENNS GROVE SA			390						556	BEYOND04
420	340901-04 HIGHLANDS BOROUGH								552	781	BEYOND04

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## PROPOSED FEDERAL FISCAL YEAR 2005(UPDATE) 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			
420	340285-01 MAGNOLIA BOROUGH			900					1,259		BEYOND04
422	340901-02 HIGHLANDS BOROUGH			100					147		BEYOND04
422	340361-01 ROSELAND BOROUGH			83					123		BEYOND04
422	340361-02 ROSELAND BOROUGH						1,000		1,396		BEYOND04
422	340901-03 HIGHLANDS BOROUGH						593	267	1,205		BEYOND04
426	340362-01 HARRISON TOWNSHIP	450		1,875					3,125		BEYOND04
427	340541-04 MOUNT ARLINGTON BOROUGH						91		134		BEYOND04
428	340289-01 WESTVILLE BOROUGH			500					708		BEYOND04
429	340856-01 EGG HARBOR TOWNSHIP						1,600		2,183		T 050730
430	340326-07 SAYREVILLE BOROUGH				3,527				4,688		BEYOND04
431	340440-04 FLEMINGTON BOROUGH			1,200					1,645		BEYOND04
432	340319-01 MEDFORD LAKES BOROUGH			200					289		BEYOND04
432	340319-02 MEDFORD LAKES BOROUGH						250		360		T 050730
434	340917-02 DELAWARE TOWNSHIP MUA			300					430		BEYOND04

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
435	340842-02 HIGH BRIDGE BOROUGH							110	162	BEYOND04	
436	340842-01 HIGH BRIDGE BOROUGH			160					243	BEYOND04	
437	340504-02 STANHOPE BOROUGH			289					415	BEYOND04	
438	340109-01 POHATCONG TOWNSHIP			498					706	BEYOND04	
439	340023-01 LONG BEACH TOWNSHIP			550					778	T 050730	
440	340956-02 DELANCO TOWNSHIP SA			1,355					1,854	BEYOND04	
440	340956-03 DELANCO TOWNSHIP SA				1,400				1,915	BEYOND04	
442	340370-01 WOODBINE MUA		6,212		3,500				12,630	BEYOND04	
443	340257-02 WOODBURY HEIGHTS BOROUGH			1,345					1,841	BEYOND04	
444	340659-01 SEA ISLE CITY			470					667	BEYOND04	
445	340263-01 LAWNSIDE BOROUGH						132		193	BEYOND04	
446	340970-02 MOONACHIE BOROUGH		160	70					332	BEYOND04	
447	340966-04 LAVALETTE BOROUGH						282		405	BEYOND04	
448	340849-01 WOODLYNNE BOROUGH			3,203					4,264	BEYOND04	

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
449	340729-02 RIVERDALE BOROUGH						200		289		BEYOND04
450	340165-01 LIBERTY TOWNSHIP							101	148		BEYOND04
451	340324-01 ALPHA BOROUGH			450					639		BEYOND04
452	340335-01 AVON-BY-THE-SEA BOROUGH			2,782			200		3,973		BEYOND04
452	340335-02 AVON BY THE SEA BOROUGH						250		360		BEYOND04
454	340966-03 LAVALETTE BOROUGH			1,856					2,526		BEYOND04
455	340966-02 LAVALETTE BOROUGH			300					430		BEYOND04
456	340713-02 WEYMOUTH TOWNSHIP MUA			400					570		BEYOND04
457	340822-01 PEAPACK & GLADSTONE BOROUGH			85					125		BEYOND04
458	340359-01 GREENWICH TOWNSHIP		7,600		1,000				11,199		BEYOND04
459	340567-04 ALLENTOWN BOROUGH	175		225					570		BEYOND04
460	340412-08 DEAL BOROUGH			900					1,259		BEYOND04
461	340876-02 CHESTER BOROUGH	718	132						1,191		BEYOND04
462	340955-01 COMMERCIAL TOWNSHIP	4,200			2,854				9,207		BEYOND04

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463	340590-02 BAY HEAD BOROUGH			1,635					2,230		BEYOND04
464	340649-04 PEMBERTON TOWNSHIP MUA							880	1,232		BEYOND04
465	340761-02 ROOSEVELT BOROUGH			1,100					1,522		BEYOND04
466	340339-01 TETERBORO BOROUGH							870	1,219		BEYOND04

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## ***Trust Meeting Dates***

***January 13, 2005***

***February 10, 2005***

***March 24, 2005***

***May 5, 2005***

***June 9, 2005***

***July 14, 2005***

***August 11, 2005***

***September 8, 2005***

***October 13, 2005***

***December 8, 2005***

# ***New Jersey Environmental Infrastructure Trust***

***Mailing Address: P.O. Box 440, Trenton, NJ 08625***

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***Web Site: [www.njeit.org](http://www.njeit.org)***