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Clean Water Financing

Proposed Priority System, Intended Use Plan and Project Priority List for Federal Fiscal Year 2004

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**New Jersey Department of Environmental Protection
Environmental Regulation
Division of Water Quality
Municipal Finance and Construction Element**

March 2003

New Jersey Department of Environmental Protection Mission Statement

Vision: The Department of Environmental Protection is committed to providing a high quality of life for the residents of New Jersey.

Mission: To assist the residents of New Jersey in preserving, sustaining, protecting and enhancing the environment to ensure the integration of high environmental quality, public health and economic vitality.

We will accomplish our mission in partnership with the general public, business, environmental community and all levels of government by:

- ◇ Developing and integrating an environmental master plan to assist the Department and our partners in decision-making through increased availability of resource data on the Geographic Information System.
- ◇ Defining and publishing reasonable, clear and predictable scientifically-based standards.
- ◇ Achieving the Department's goals in a manner that encourages compliance and innovation.
- ◇ Employing a decision-making process that is open, comprehensive, timely, predictable and efficient.
- ◇ Providing residents and visitors with affordable access to safe and clean open space, historic and natural resources.
- ◇ Assuring that pollution is prevented in the most efficient and practical way possible.
- ◇ Assuring that the best technology is planned and applied to achieve long-term goals.
- ◇ Assuring that non-treatable wastes are isolated, managed and controlled.
- ◇ Enhancing environmental awareness and stewardship through education and communication.
- ◇ Fostering a work environment that attracts and retains dedicated and talented people.
- ◇ Committing to an ongoing evaluation of the Department's progress toward achieving our mission.



State of New Jersey

James E. McGreevey
Governor

Department of Environmental Protection

Bradley M. Campbell
Commissioner

Division of Water Quality
P.O. Box 029
Trenton, New Jersey 08625-0029
(609) 292-4543
Fax: (609) 984-7938

**SUBJECT: FFY2004 PRIORITY SYSTEM FOR FINANCING CLEAN WATER
PROJECTS THROUGH THE ENVIRONMENTAL INFRASTRUCTURE
FINANCING PROGRAM**

Dear Interested Party:

The Municipal Finance and Construction Element (MF&CE) in the Division of Water Quality has developed the Proposed Federal Fiscal Year 2004 Priority System document for administration of the clean water state revolving fund (CWSRF) program. Projects eligible for assistance under the clean water program include wastewater and stormwater management facilities as well as nonpoint source pollution management projects (including open space land acquisition and conservation, landfill closure and construction, remedial action activities and well sealing).

To advance Governor McGreevey's efforts to bring smart growth to New Jersey, the Department of Environmental Protection (DEP) is proposing several significant changes to the FFY2004 Priority System. A separate document, entitled "Proposed Addendum to the FFY2003 Priority System, Intended Use Plan and Project Priority List (Clean Water Financing)," has also been prepared to make similar changes to the FFY2003/ SFY2004 Financing Program.

The first change involves modifying the percentage of project costs the DEP and the Environmental Infrastructure Trust (Trust) provide to project sponsors. Currently, project sponsors receive a loan for half of the project costs from the DEP at 0% interest and a loan for the remaining project costs from the Trust at market rate, resulting in an overall interest rate of one-half the market rate. Under this change, the DEP would provide 75% of the project costs at 0% interest and the Trust would provide 25% of the project costs at market rate (for an overall interest rate of one-quarter the market rate) to projects that serve green light areas on the Blueprint for Intelligent Growth (BIG) Map promulgated in rule by the DEP (see page 2 of the Priority System for more details on the BIG Map). In the interim and until the BIG Map is adopted, the DEP has determined to make the "75/25" funding package immediately available to projects that serve Urban Centers and Urban Complexes designated by the State Planning Commission. As of February 25, 2003, the State Planning Commission has designated Atlantic City, Camden, Elizabeth, Jersey City, New Brunswick, Newark, Paterson and Trenton as Urban Centers and one Urban Complex, the Hudson County Urban Complex, which includes the following municipalities: Bayonne, East Newark, Guttenberg, Harrison, Hoboken, Jersey City, Kearny, North Bergen, Secaucus, Union, Weehawken, and West New York. In addition, combined sewer overflow abatement projects and open space land acquisition projects throughout the State would be eligible for the "75/25" funding package.

The second change relates to funding for reserve capacity and involves a change to the Financing Program rules. The Priority System document states that, upon adoption of amendments to the rule, the DEP will fully fund its share of reserve capacity costs at 0% interest for projects in green light areas upon promulgation of the BIG Map. In the interim and until the

BIG Map is adopted, the rule amendments would allow the DEP to fully fund its share of reserve capacity costs for designated Urban Centers and Complexes. It is anticipated that the proposed amendments to N.J.A.C. 7:22 will be published in the *New Jersey Register* on or about April 7, 2003. A hearing on the proposed rule changes is tentatively scheduled for April 30, 2003 at 10:00 a.m. in the offices of the New Jersey Environmental Infrastructure Trust. The Trust's offices (Tel. # 609-219-8600) are located at 3131 Princeton Pike, Building 6, Suite 201. The period for submitting written comments on the proposal is expected to end on May 7, 2003. The rule proposal will also be posted on the DEP web site.

It should be noted that for those projects that have the potential to facilitate growth or cause significant adverse environmental impacts, the DEP will thoroughly evaluate the planning submitted by the project sponsor with respect to the water quality/quantity impacts, location in the State, impacts to riparian corridors, the existing pollution control needs, assessment of the resulting environment, detailed assessment of proposed alternatives and cost-effectiveness of the proposal. The DEP's funding decisions will take into account the project's growth potential, the consistency with the BIG Map and the project's aggregate impacts as determined through such evaluations.

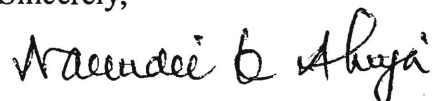
In addition, the DEP has made some changes to FFY2004 Priority System Proposal as they relate to the categories and point assignments for State Planning Commission approvals under the Center Designation/Plan Endorsement Process. Finally, the proposal document includes information on the DEP and Trust fees in accordance with federal policy. Other than these changes, the DEP's FFY2004 document is consistent with the policies adopted by the State in the final FFY2003 Priority System document.

A summary project description and project ranking worksheet has been prepared for each listed project, and is available for your review at any of the Library Information Centers (see the Priority System document for a list of these locations). The Proposed FFY2004 Priority System, Intended Use Plan and Project Priority List will be the subject of a public hearing to be held on April 16, 2003. A copy of the public hearing notice and location is also included in this package. Please note that comments received (or postmarked) on or before April 22, 2003, will be reflected in the DEP's Response Document. If you need any further assistance, please contact the following:

Project Specific - North:	Stanley Cach	(609) 292-6894
Project Specific - South:	Gautam Patel	(609) 984-6840
Open Space Land Acquisition:	Tracy Shevlin	(609) 292-8961
Payment Procedures:	Eugene Chebra	(609) 633-1208
Environmental Reviews:	Theresa Fenton	(609) 292-3859

We look forward to your comments on this proposal document.

Sincerely,



Narinder K. Ahuja, P.E., P.P., Director
Division of Water Quality

Enclosures

- CLEAN WATER FINANCING -
PROPOSED PRIORITY SYSTEM, INTENDED USE PLAN AND PROJECT PRIORITY LIST
FOR FEDERAL FISCAL YEAR 2004

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State of New Jersey

James E. McGreevey
Governor

Department of Environmental Protection
Division of Water Quality
P.O. Box 029
Trenton, New Jersey 08625-0029
(609) 292-4543
Fax: (609) 984-7938

Bradley M. Campbell
Commissioner

March 11, 2003

NOTICE OF A PUBLIC HEARING FOR THE PROPOSED ADDENDUM TO THE FFY2003 PRIORITY SYSTEM, INTENDED USE PLAN AND PROJECT PRIORITY LIST AND FOR THE PROPOSED FFY2004 PRIORITY SYSTEM, INTENDED USE PLAN AND PROJECT PRIORITY LIST (CLEAN WATER FINANCING)

The Municipal Finance and Construction Element in the Division of Water Quality has developed a Proposed Addendum to the FFY2003 Priority System document and the Proposed FFY2004 Priority System document for administration of the clean water state revolving fund (CWSRF) program, which is authorized and subsidized in part through the federal Clean Water Act and its amendments.

A public hearing regarding both of these documents **will be held at the New Jersey Department of Environmental Protection offices in the 6th Floor Conference Room on April 16, 2003, commencing at 10:00 a.m. and concluding at the end of testimony.** The DEP offices are located at 401 East State Street in Trenton. Presentations may be made orally or in writing; if written testimony is prepared, please limit any oral presentation to a summary of the text. The period for submitting written comments on the proposal will close April 22, 2003 (all comments must be postmarked by that date). All comments submitted in accordance with the deadline given above will be considered in the preparation of the final FFY2003 and FFY2004 Priority System documents.

The schedule for the FFY2004 Financing Program is as follows:

Commitment Letter and Planning Documents
Design Documents and Loan Application
Loan Award

October 6, 2003
March 1, 2004
November 2004

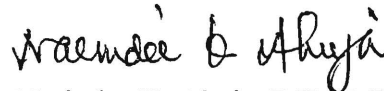
For project-specific questions or to request a preplanning meeting, please contact the following:

NORTH (Projects in all counties north of, and including Middlesex, Somerset and Hunterdon),
call: Stanley V. Cach, Jr., P.E., Chief, Bureau of Engineering North (609) 292-6894
SOUTH (Projects in all counties south of, and including Monmouth and Mercer), call:
Gautam Patel, Chief, Bureau of Engineering South (609) 984-6840
OPEN SPACE LAND ACQUISITION (Statewide), call: Tracy Shevlin, Supervisor, Open
Space/Land Acquisition Unit (609) 292-8961

For questions regarding this notice, please contact Theresa Fenton, Chief, Bureau of Program Development and Technical Services at (609) 292-3859.

Thank you, in advance, for your input.

Sincerely,

A handwritten signature in dark ink, appearing to read "Narinder K. Ahuja". The signature is fluid and cursive, with the first name "Narinder" being more prominent and the last name "Ahuja" following in a similar style.

Narinder K. Ahuja, P.E., P.P., Director
Division of Water Quality

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BURLINGTON COUNTY LIBRARY
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MT HOLLY NJ 08060

CAMDEN COUNTY

CAMDEN COUNTY LIBRARY
ECHELON URBAN CENTER
LAUREL ROAD
VOORHEES NJ 08043

CAPE MAY COUNTY

CAPE MAY COUNTY LIBRARY
BOYD & MECHANIC STREET
CAPE MAY COURT HOUSE NJ 08210

CUMBERLAND COUNTY

CUMBERLAND COUNTY LIBRARY
800 EAST COMMERCE STREET
BRIDGETON NJ 08302

ESSEX COUNTY

NEWARK PUBLIC LIBRARY
5 WASHINGTON STREET
NEWARK NJ 07102

GLOUCESTER COUNTY

WEST DEPTFORD PUBLIC LIBRARY
GROVE AVE & CROWNPOINT RD
THOROFARE NJ 08086

HUDSON COUNTY

JERSEY CITY PUBLIC LIBRARY
472 JERSEY AVENUE
JERSEY CITY NJ 07302

HUNTERDON COUNTY

HUNTERDON COUNTY LIBRARY
ROUTE 12
FLEMINGTON NJ 08822

MERCER COUNTY

TRENTON PUBLIC LIBRARY
120 ACADEMY STREET
TRENTON NJ 08609

MIDDLESEX COUNTY

WOODBIDGE PUBLIC LIBRARY
GEORGE FREDERICK PLAZA
WOODBIDGE NJ 07095

MONMOUTH COUNTY

MONMOUTH COUNTY LIBRARY
HIGHWAY 35 EASTERN BRANCH
SHREWSBURY NJ 07701

MORRIS COUNTY

MORRIS COUNTY PUBLIC LIBRARY
30 EAST HANOVER STREET
WHIPPANY NJ 07901

OCEAN COUNTY

OCEAN COUNTY LIBRARY
101 WASHINGTON STREET
TOMS RIVER NJ 08753

PASSAIC COUNTY

PATERSON PUBLIC LIBRARY
250 BROADWAY
PATERSON NJ 07501

SALEM COUNTY

SALEM CITY PUBLIC LIBRARY
112 WEST BROADWAY
SALEM NJ 08079

SOMERSET COUNTY

SOMERSET COUNTY LIBRARY
NORTH BRIDGE ST & VOGT DR
BOX 6700
BRIDGEWATER NJ 08807

SUSSEX COUNTY

SUSSEX COUNTY LIBRARY
RD #3 BOX 76
NEWTON NJ 07860

UNION COUNTY

ELIZABETH CITY LIBRARY
11 SOUTH BROAD STREET
ELIZABETH NJ 07202

WARREN COUNTY

PHILLIPSBURG PUBLIC LIBRARY
200 FROST AVENUE
PHILLIPSBURG NJ 08865

PRIORITY SYSTEM

NEW JERSEY STATE LIBRARY

Financing Clean Water Projects through the Environmental Infrastructure Financing Program

Proposed Priority System, Intended Use Plan, and Project Priority List For Federal Fiscal Year 2004 (FFY2004)

OVERVIEW¹

In the Water Quality Act of 1987, which amended the Clean Water Act (CWA), Congress required states to establish a Clean Water State Revolving Fund (CWSRF) program to qualify for federal capitalization grants. The CWSRF provides financial assistance for the construction of projects that protect, maintain and improve water quality. It is a self-perpetuating program, in that loan repayments are used to finance future projects. Established in 1988, New Jersey's CWSRF program is included in the Environmental Infrastructure Financing Program (EIFP). The EIFP is a partnership between the New Jersey Department of Environmental Protection (DEP) and the New Jersey Environmental Infrastructure Trust (Trust) providing low-interest loans for infrastructure projects. The DEP and the Trust also administer New Jersey's Drinking Water SRF (DWSRF) under the Safe Drinking Water Act; its priorities and policies are established in a separate Priority System document. Together, the clean water and drinking water components of the EIFP have awarded approximately \$2.1 billion throughout the State. As of February 3, 2003, 198 of the 410 total projects totalling almost \$1.2 billion have been completed, initiated operations and have been administratively closed out; 212 projects totalling approximately \$1 billion are actively contracting or under construction.

Every year the DEP develops a "Proposed Priority System, Intended Use Plan, and Project Priority List" as required by federal and State law. After the public has had an opportunity to comment on the DEP's proposal, the DEP submits a final "Priority System, Intended Use Plan, Project Priority List, and Response Document" to USEPA for its approval. The Priority System (PS) describes the ranking methodology for the municipal water pollution control projects that are eligible for financial assistance through the EIFP. The ranking system gives higher priority to projects that address discharges of raw, diluted, or inadequately treated sewage to the State's waters during rain events, including projects to abate combined sewer overflows (CSOs) and projects to reduce infiltration and inflow (I/I) from sanitary sewer systems that overflow. CSO abatement projects are expensive and are usually located in financially distressed urban areas, making cost a serious concern. Discharges from combined sewer systems impair water uses, and can lead to the closing of beaches and shellfish beds. Projects to remediate overflows of sanitary sewage contribute to water quality improvements and result in improvements to the health, safety, aesthetic value, and recreational attributes of the State's waters. In 2003, the DEP made the following changes to the ranking methodology: the discharge categories "Inadequate Secondary Treatment" and "Advanced Treatment" were combined into one category, "Treatment Plant Improvements" and all projects in this new category were allocated 150 points. In addition, the ranking points for all projects in the stormwater management/nonpoint source activities category received 50, rather than 25, points.

To advance Governor McGreevey's efforts to bring smart growth to New Jersey, the DEP is pursuing two significant changes to the Financing Program. The first change involves modifying the

¹ Please note that a list of acronyms and "short" names used in this document appears on page 20 of this document.

percentage of project costs the DEP and the Trust provide to project sponsors. Currently, project sponsors receive a loan for half of the project costs from the Trust at market rate and a loan for the remaining project costs from the DEP at 0% interest. Under this change, the DEP would provide 75% of the project costs at 0% interest, while the Trust would provide 25% of the project costs at market rate to projects that serve green light areas on the Blueprint for Intelligent Growth (BIG) Map promulgated in rule by the DEP. In the interim and until the BIG Map is adopted, the DEP has determined to make the "75/25" funding package immediately available to projects that serve Urban Centers and Urban Complexes designated by the State Planning Commission. As of February 25, 2003, the State Planning Commission has designated Atlantic City, Camden, Elizabeth, Jersey City, New Brunswick, Newark, Paterson and Trenton as Urban Centers and one Urban Complex, the Hudson County Urban Complex, which includes the following municipalities: Bayonne, East Newark, Guttenberg, Harrison, Hoboken, Jersey City, Kearny, North Bergen, Secaucus, Union, Weehawken, and West New York.

The BIG Map is being developed by the DEP in coordination with the Department of Community Affairs, the Department of Transportation, and the Department of Agriculture, as well as the New Jersey State Planning Commission. The BIG Map is intended to be the basis for resource investment, planning, and new regulations to achieve Governor McGreevey's smart growth objectives. In green light areas on the BIG Map, the State will streamline and expedite the regulatory permitting process and dedicate funds for infrastructure and parks. The current version of the BIG Map is available on the DEP's web site at <http://www.state.nj.us/dep/antisprawl/map.html>. On March 3, 2003, the DEP published a notice inviting comment on BIG Map. The DEP may revise the BIG Map based on comments submitted in response to that notice, and will subsequently formally propose the BIG Map as a rule.

As part of this initiative, for those projects that have the potential to facilitate growth or cause significant adverse environmental impacts, the DEP will thoroughly evaluate the planning submitted by the project sponsor which may include but not be limited to the water quality/quantity impacts, location in the State, impacts to riparian corridors, the existing pollution control needs, assessment of the resulting environment, detailed assessment of proposed alternatives and cost-effectiveness of the proposal. The DEP's funding decisions will take into account the project's growth potential, the consistency with the BIG Map and the project's aggregate impacts as determined through such evaluations.

The second change relates to funding for reserve capacity. The DEP is proposing amendments to the Financing Program rule that would allow the DEP will fully fund its share of reserve capacity costs at 0% interest for projects in green light areas upon promulgation of the BIG Map. In the interim and until the BIG Map is adopted, the rule amendments would allow the DEP to fully fund its share of reserve capacity costs for designated Urban Centers and Complexes.

In addition, some changes have been made to FFY2004 Priority System Proposal as they relate to the categories and point assignments for State Planning Commission approvals under the Center Designation/Plan Endorsement Process (see page 8 for more details). Finally, the Proposal document includes information on the anticipated increased DEP fees and on the Trust fees in accordance with federal policy (see page 16 for more details).

Collectively, these preliminary initiatives will enhance the DEP's and the Trust's ability to promote smart growth and will also allow the Environmental Infrastructure Financing Program to provide funds to make it a reality. Further changes are likely as the DEP adopts additional regulatory changes to its permitting and approval processes to implement smart growth and the BIG Map in order to effectively guide future growth and development in the State.

Several years ago, the DEP and the Trust expanded the eligible categories for nonpoint source (NPS) pollution abatement measures in an effort to help communities address this type of pollution. Amendments were adopted to the regulations that identified the new eligible areas and specified the requirements for projects to receive financial assistance. The broader categories include funding for landfills (for closure activities and new cell construction), open space land acquisition and conservation, remedial action activities and well sealing. Both landfill closure and new cell construction projects became eligible for financing in 2000. Financing for the other nonpoint source areas commenced in 2001. The DEP and the Trust are continuing to allocate a minimum of \$10 million in program funds to promote financing for stormwater and other NPS management projects.

The Intended Use Plan (IUP) provides information on funds available through the clean water component of the EIFP, including all federal funds allotted to the State under the CWA and available to the CWSRF in FFY2004, and also deobligated construction grant funds, which may be available to the DEP-administered Clean Water Fund (Fund). An interest-free loan from the Fund provides a portion of the individual project's allowable project cost, and a market rate loan from the Trust provides the remaining allowable cost. Allowable project costs are either shared equally between the DEP and the Trust or, for projects eligible for the "Smart Growth Financing Package," at a reduced interest rate applying the "75/25" level of funding. The Trust finances its SRF loan through the issuance of bonds secured with CWSRF funds.

The Priority List identifies projects targeted for financial assistance from the CWSRF in State Fiscal Year 2005 (SFY2005). Other than the items noted above, no significant changes have been made to the FFY2004 PS document from the policies and provisions of the FFY2003 PS.

The "Sewage Infrastructure Improvement Act (SIIA) Grants Program" section discusses the availability of planning and design grants for CSO abatement and for projects that address inter-connections and cross-connections of sanitary and stormwater sewer systems.

The DEP's Priority System for FFY2004 includes two items that deal with the financial relationship between the CWSRF and the DWSRF. First, the DEP continues to extend to the DWSRF the same cross-collateralization coverage process used by the CWSRF that results in AAA ratings for the Trust bonds. Second, the DEP continues to reserve the right to transfer funds between the CWSRF and the DWSRF (up to the amount allowed by the federal Safe Drinking Water Act or other federal legislation) to provide greater flexibility to the Financing Program in addressing clean water or drinking water needs in the State. More details on these relationships can be found in section A of the IUP.

Although Congress provided funds to the CWSRF in FFY2003, the receipt of additional federal funding in FFY2004 and beyond is uncertain since the CWA has not yet been reauthorized. Loan repayments and State bond proceeds will still be available to address some wastewater treatment

needs but to fully address the overall water quality improvement needs of the State, additional federal funding will be required. Several legislative initiatives to reauthorize the CWA and to provide funding for wastewater projects and other water quality improvements have been proposed. It is not expected that reauthorization of the CWA will necessitate significant changes to the CWSRF and the State's FFY2004 PS document. As such, the DEP issued this document to maintain the financing program schedule. The DEP will provide opportunities for public participation if the reauthorization requires substantial revisions to the program.

Recent amendments to the Trust's enabling legislation authorized the establishment of a short-term financing program. CWSRF and DWSRF loan repayments would be channeled to the Trust for this purpose. The interim loans will provide funds to project sponsors that are eligible for financing in the current fiscal year to cover project costs anticipated to be incurred prior to the award of the permanent long-term loans from the DEP and the Trust, which are typically awarded in November. The Trust, in consultation with the DEP, has adopted amendments to the Trust's rule to make the short-term financing option available to prospective borrowers that receive preaward approval from the DEP and the Trust.

PRIORITY SYSTEM

I. Project Priority List — General Information

Clean water projects must be listed on the Project Priority List in order to be considered eligible for financial assistance under the EIFP. The applicant must also submit all the required application material in a timely manner.

The Priority List identifies the estimated total eligible building costs under the appropriate project category. Except for open space land acquisition projects, the figure under the "Total Eligible Project Cost" includes the estimated total eligible building costs, the related costs for construction services (i.e., administrative, legal, engineering, inspection, one year start-up services, etc.), the allowance for planning and/or design, three percent for the recipient's administrative costs, and a five percent contingency cost. The figure under the "Total State Amount" column represents 100 percent of the estimated total eligible project costs. Justified revised costs submitted by project sponsors in response to the public participation process will be included on the final FFY2004 List.

Any significant revisions to the Priority List during the fiscal year will be subject to a public hearing. The DEP does not, however, consider the following revisions to the Priority List to be significant:

1. Bypassing (i.e., deferring the funding of) a project to a future fiscal year if all requirements (including commitment to and compliance with the project document submittal schedule) of the CWSRF are not satisfied on schedule.
2. Increases or decreases in allowable project costs that may change the fundable range of the Priority List.
3. The addition of a project or projects to the fundable range as a result of their qualifying under the Public Health Hazard (PHH) bypass criteria.

4. The revision of the fundable range of the Priority List as a result of a change in (1) the allocation that New Jersey receives (if any), (2) the State's contribution to the CWSRF, and/or (3) the total amount of monies made available for clean water projects from the EIFP.
5. The revision of the fundable range of the Priority List as a result of ensuring the proper dollar amount is obligated to eligible project categories if limitations are included under the CWA's reauthorization.

II. 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 FFY2003 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.

Table IA. Ranking Points Related to Project Discharge Category for Wastewater Treatment Facilities		
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 system, if cost-effective, to allow the treatment plant to meet applicable treatment levels.	150
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.

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

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

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

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. Public Health Hazard (PHH) Projects

In instances where project conditions are determined to constitute a PHH by the Commissioner of the DEP in consultation with the Commissioner of the Department of Health, the project will receive funding priority over other projects on the Priority List. The review procedure involves a survey of the extent of wastewater problems such as: incidences of sewage-borne disease, contaminated wells, and homes or buildings with sewage back up. Details of the PHH procedure are available in the FFY96 PS document and are incorporated in the FFY2004 PS document by reference. Copies of the FFY96 PS document may be requested by calling the Bureau of Program Development and Technical Services at (609) 292-3859.

III. Construction Grants Program Policies

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

INTENDED USE PLAN

USEPA requires the DEP to develop an Intended Use Plan (IUP) annually to qualify for CWSRF capitalization grants to support the program and the project loans. This IUP provides information on funds available through the EIFP to provide financial assistance for clean water projects in SFY2005 and identifies State policies governing loan awards. It includes information on the following:

1. The list of projects to be used for funding purposes.
2. The long and short-term goals of the state's program.
3. The programmatic activities to be supported with the anticipated funds.
4. The timing and use of such funds.
5. The criteria and method of distribution of the funds.
6. Provisions for interim reporting (as required by the Regional Administrator at the time of a capitalization grant award).

Programmatic requirements imposed by the Water Quality Act of 1987 include 1 through 5 below. It is anticipated that these provisions will be maintained in a subsequent federal reauthorization act or federal policy. If substantial changes in the Act necessitate the DEP's revision of the FFY2004 PS document, additional public participation efforts will be conducted.

1. The schedule of state capitalization grant payments, jointly agreed upon by the Administrator of the EPA and each state, is based upon the state's IUP.
2. States are required to deposit in the CWSRF, from state monies, an amount equal to at least 20 percent of the total amount of all capitalization grants made to the state.
3. The fund created with federal capitalization grants can only be used to provide assistance for (a) the construction of publicly owned treatment works, (b) the implementation of a NPS (nonpoint source) management program, which includes construction of stormwater/NPS management facilities, and (c) the development and implementation of an estuary conservation and management plan. Although CWSRF loans may only be provided for publicly owned systems, if a government unit assumes ownership of a wastewater treatment system previously privately owned, a loan may be provided under the authority of section 603(c) of the federal CWA. A state may also deem the public ownership requirement as being met for small/on-site systems if adequate inspections and operations are ensured through the establishment of a septic management district or use of service easements. Privately owned stormwater/NPS management projects may also qualify for CWSRF loans provided the project is sponsored by the local government unit.
4. Monies in the CWSRF may be used to provide loans at or below market interest rate, for terms not greater than 20 years (after completion of construction). Repayments must begin no later than one year after completion of the project and must be credited to the CWSRF (principal and interest) for Title VI purposes. The recipient of a loan must establish a dedicated source of repayments. The CWA also authorized the use of federal CWSRF monies to refinance local debt obligations, provide guarantees, or purchase insurance.
5. Through FFY94, states were required to reserve the greater of \$100,000 or one percent of their annual allotment for the development and implementation of NPS management programs. This reserve may be re-enacted or otherwise modified for FFY2004 as a result of reauthorization of the CWA or subsequent federal guidance.

A. Financial Relationships between the CWSRF and the DWSRF

Section 302 of the amendments to the federal Safe Drinking Water Act (which established the DWSRF Program) includes authorization for states to transfer up to 33 percent of its DWSRF capitalization grant to the CWSRF or an equivalent amount from the CWSRF to the DWSRF. This transfer is at the Governor's discretion and cannot occur until at least one year after the state has received its first DWSRF capitalization grant. In New Jersey, the first DWSRF capitalization grant was awarded by USEPA on September 18, 1998.

For FFY2004, the DEP reserves the right to transfer CWSRF loan repayments to the DWSRF. While the original Safe Drinking Water Act limited the ability of the state to transfer funds after September 30, 2001, the DEP continues to reserve this option as authorized by federal legislation.

In addition to the potential transfer of funds between the CWSRF and DWSRF, the DEP is continuing its policy to cross-collateralize the DWSRF with the CWSRF. This feature results in significant savings to project sponsors and, in particular, the drinking water project sponsors since there is a large source of revenue available to cover possible loan defaults. Under the EPA-approved procedures associated with cross-collateralization, a temporary transfer of funds between the two SRFs may occur as may be necessary to cover the default of a loan repayment or other financial obligation. The DEP

and the Trust would take steps to collect any obligations resulting from a loan default and reimburse the appropriate drinking water or clean water account.

B. Document Submittal Schedules

All local government units that have a project or projects listed or eligible for listing on the FFY2004 Priority List must commit to the following schedule by October 6, 2003 to be considered for FFY2004 funding. The commitment is made in writing to the **Assistant Director, Municipal Finance and Construction Element (MF&CE)** with a copy to the Executive Director, New Jersey Environmental Infrastructure Trust. Prior to the submission of a commitment letter, all applicants are encouraged to attend a pre-planning meeting with the appropriate area within the Municipal Finance and Construction Element.

2004 Loan Program	
Activity	Deadline
Commitment Letter and Planning Documents	October 6, 2003
Design Documents and Loan Application	March 1, 2004
Loan Award	November 2004

The planning and design documents for clean water projects must consist of:

1. A complete project report.
2. The environmental assessment report (level 1, level 2 or level 3, as determined by the DEP). For those projects that have the potential to facilitate growth or cause significant adverse environmental impacts, the DEP will thoroughly evaluate the planning submitted by the project sponsor which may include but not be limited to the water quality/ quantity impacts, location in the State, impacts to riparian corridors, the existing pollution control needs, assessment of the resulting environment, detailed assessment of proposed alternatives and cost-effectiveness of the proposal. The DEP's funding decisions will take into account the project's growth potential, the consistency with the BIG Map and the project's aggregate impacts as determined through such evaluations.
3. Complete cultural resources survey documentation.
4. Long-term sludge management plan for projects involving a treatment plant upgrade or expansion.
5. Documentation of completed public participation activities.
6. The results of preliminary coordination activities with lead agencies regarding environmental and permit concerns.
7. Proof of a final NJPDES permit or a Discharge Allocation Certificate. Therefore, all final effluent conditions will be known and agreed upon when planning documents are submitted.
8. For Interconnection/Cross-connection projects, the Final Map, and related information, required under *N.J.A.C. 7:22A-4.3* (earlier submittals are encouraged).
9. Plans and specifications for the project, including appropriate environmental mitigation/restoration components.
10. For open space land acquisition projects, an evaluation of the land to be acquired, including a water quality basis for the proposed land purchase.

Projects with unacceptable planning documentation will be bypassed (moved to the next funding period). If the local government unit does not commit to the document submittal schedule, the DEP will interpret this as a decision to not pursue funding in FFY2004/SFY2005 and will result in a "BEYOND04" designation under the estimated State certification date column on the Priority List.

C. Loan Awards

Loan awards for new projects will be made in FFY2004/SFY2005 for up to 100 percent of the allowable project costs to cover the low bid building costs and other allowable project costs that are identified in the program rules at *N.J.A.C. 7:22-3, 4, and 5*. The loan term will generally be 20 years but can not exceed the useful life of the facility. The initial loan amount will be limited to the certified project cost, which may reflect (1) the estimated allowable project cost based on the project sponsor's loan application or (2) the low bid building cost. The adjustment to provide funding based on the low bid building cost will be made only after all project-related contracts have been awarded.

Adjustments to provide warranted loan increases for differing site conditions will be made only after all allowable project costs have been incurred. Consideration will be given to providing warranted loan increases, subject to: the DEP's and the Trust's approval, legislative approval in the form of an appropriations bill(s) providing such monies, and the availability of funds. Any dollar changes in cost estimates for projects on the Priority List may result in the DEP requesting the municipality to provide a third-party concurrence on the cost change. Should cost underruns occur after a low bid building cost adjustment and the completion of construction, budget line item changes may be approved for allowable cost overruns. In these cases, administrative/legal/fiscal costs will not be subject to the three-percent limit as specified in the rules. A greater amount could be approved should sufficient funds remain and if sufficient justification and documentation for the higher costs are submitted and approved. If a recipient receives DEP approval to reduce the project scope through the elimination of a contract (or portion thereof), the eligible project cost (and therefore the financial assistance amount) will be reduced through the DEP's and the Trust's "deobligation". The amount to be deobligated will be equal to the estimated cost of the scope of work included in the original loan award.

Local government units are required to meet the technical, administrative, and environmental provisions of the rules of the DEP and the Trust (*N.J.A.C. 7:22-3, 4, 5, 8, 9, and 10*). Disbursement and loan repayment provisions must also be consistent with the rules.

Planning and design costs alone are not directly eligible for financial assistance from the EIFP. However, an allowance to assist in defraying planning and design expenses will be included in the financial assistance agreement for the construction of the project, if State funding for planning and design has not otherwise been awarded, such as through the Sewage Infrastructure Improvement Act Grants Program.

Financial assistance will only be awarded to a distinct project segment that will result, in itself, in an operable treatment works (i.e., not relying on award of funds for additional portions of the project). Financial assistance awards will not be made to projects that are under an enforcement action unless a federal or State court-sanctioned order or State administrative order (only accepted in certain cases) specifying a compliance schedule has been established. A copy of the judicial or administrative order will be required at the time of submittal of the project application.

All wastewater treatment projects must be sized in accordance with a cost-effective analysis to accommodate existing needs as well as 20-year reserve capacity. Historically, the recipient's financial assistance from DEP was limited to the cost of the project with a capacity based upon flow records and flows anticipated prior to the date of initiation of operation as established in the Fund loan agreement. The DEP is proposing amendments to the Financing Program rule that would allow the DEP will fully fund its share of project costs related to reserve capacity for projects that serve green light areas upon promulgation of the BIG Map. In the interim and until the BIG Map is adopted, the rule amendments would allow the DEP to fully fund its share of reserve capacity costs for designated Urban Centers and Complexes. It is anticipated that the proposed amendments to *N.J.A.C. 7:22* will be published in the *New Jersey Register* on or about April 7, 2003. A hearing on the proposed rule changes is tentatively scheduled for April 30, 2003 at 10:00 a.m. in the offices of the New Jersey Environmental Infrastructure Trust. The Trust's offices (Tel. # 609-219-8600) are located at 3131 Princeton Pike, Building 6, Suite 201. The period for submitting written comments on the proposal is expected to end on May 7, 2003. The rule proposal will also be posted on the DEP web site.

D. Preaward Approvals

Eligible projects can qualify to receive preaward approvals if the requirements of the rules (*N.J.A.C. 7:22-3.32* and *4.32*) are met. This is a significant difference from the federal grants program, since project sponsors may maintain the eligibility of project costs incurred prior to the execution of formal State agreements. However, to maintain the eligibility of such costs, project planning (including the issuance and expiration of an Environmental Assessment prepared by the DEP) and design and contract documents (including issuance of authorization to advertise and award contracts for which reimbursement is sought) must be reviewed and approved by the Municipal Finance and Construction Element. Further, all permits and approvals for the construction of the project must be secured. Note that the receipt of State disbursements for building costs incurred prior to the award of a CWSRF loan from the DEP may not be fully disbursed upon award. As a direct result of federal policy, which classifies these costs as "refinanced," reimbursement for these costs may be limited. States can only draw cash up to 5 percent of its grant amount or in equal amounts over the number of quarters over which the state can receive capitalization grant payments (which will generally be eight quarters).

E. Socially and Economically Disadvantaged (SED) Business Participation

Project sponsors are required to set a goal of awarding at least 10 percent of a project's costs for construction, materials, or services to small business concerns owned and controlled by SED individuals as defined in the Small Business Act (15 U.S.C. 637(a) and (d)) and any rules promulgated pursuant thereto. The DEP and the Trust have adopted the SED rules (at *N.J.A.C. 7:22-9*), that identify the SED utilization requirements that project sponsors will have to meet.

F. Stormwater/Nonpoint Source (NPS) Management Projects

Because of the increasing water quality concerns related to stormwater runoff, the DEP and the Trust have expanded the scope of the Financing Program to include construction costs for a wide variety of stormwater/NPS management projects. The EIFP will allocate a minimum of \$10 million in clean water funds to this category in FFY2004. The DEP's general view, after consultation with local and

regional planners and stormwater managers, is that expensive structural retrofits should not be implemented before completion of regional analysis and planning. Thus, if the project will impact the capacity, hydrology, or hydraulics of existing stormwater management facilities, systems, or downstream waterbodies, a watershed management plan appropriate to the project's location should be prepared. Watershed management planning, a key component of the watershed approach, assesses the overall needs of an area to ensure that proposed projects will improve/maintain water quality, water quantity and ecosystem health in a cost-effective manner. Watershed management planning differs from the individual project planning which is site-specific and which is a routine requirement of funding under the EIFP. Although the EIFP does not fund watershed management planning, the EIFP does provide an allowance for a project's site-specific planning and design. The allowance is based on a percentage of the building costs. Stormwater/NPS management projects must support efforts to achieve and/or maintain water quality, compatible with designated uses of the water body.

The stormwater/NPS management projects that are eligible for EIFP loans include both new or modifications of stormwater management systems, facilities, basins, or other stormwater/NPS management facilities (including land acquisition to site the eligible facilities).

Stormwater/NPS management projects also include, but are not limited to: installation of packed media filters, replacement of existing storm drains with newer designs that incorporate features to remove solids, floatables, oil and grease, and/or other pollutants; purchase or replacement of equipment to reduce solids and/or floatables, such as netting on outfalls and skimmer boats; purchase of maintenance equipment, such as street sweepers, leaf collection equipment, beach cleaning equipment, and aquatic weed harvesters; rehabilitation of tide gates and existing basins or other stormwater systems, including pump stations; extension and/or stabilization of outfall points; implementation/construction of systems that will result in water quality benefits, such as salt storage structures/runoff control systems, feedlot manure/runoff control systems, and streambank/lake stabilization/restoration projects which are consistent with habitat protection.

Landfill Closure and Construction - The Financing Program also includes landfill closure and landfill construction projects under eligible NPS projects. The DEP recognizes that landfills are a major pollution concern and are identified as a nonpoint source of pollution in the State's Stormwater and NPS Program Plan developed under Section 319 of the Clean Water Act. Eligible landfill closure activities include such items as landfill capping systems, leachate collection, storage and treatment systems, side slope seepage prevention and controls, gas condensate systems and other activities. Financing for landfill construction projects is generally limited to those project elements that prevent, reduce, or control the generation of leachate or are required for the collection, storage and treatment of leachate. Elements of a landfill construction project that may be financed include landfill liner systems, leachate removal or collection systems, and related maintenance equipment, toe-drains and cut-off walls, leachate sampling facilities and equipment, leachate storage facilities (lagoons, tanks, tank covers and aeration systems), leachate evaporation systems, and others. In addition to leachate controls, other eligible elements include barge shelters, containment booms, litter fences, and other means to prevent municipal solid waste from blowing off the landfill site and polluting surface waters. Before any landfill closure or construction project is approved under the Financing Program, the project sponsor must submit and receive all applicable permits and approvals from the DEP's Division of Solid and Hazardous Waste. In FFY2001, the Financing Program added the water quality aspects of

open space land acquisition and conservation, remedial action activities and well sealing to the list of eligible NPS projects as described below:

Open Space Land Acquisition and Conservation – Water quality benefits resulting from open space land acquisition and conservation occurs by reducing the encroachment of impervious land cover into environmentally sensitive areas. Buffer areas in and around stream corridors are particularly important to filter pollutants/sediments from surface waters and stormwater runoff. Land acquisition can be through purchase (fee simple) or easement. As a condition of financing, the project sponsor must agree to protect the land from incompatible uses that would adversely impact water quality, such as development of the site and/or other increases in impervious land cover.

Remedial Action Activities - The cleanup of hazardous waste sites and other contaminated sites is critical to preventing further contamination of groundwaters in the State. Spill cleanups, brownfield restoration, and hazardous waste site cleanups at publicly owned facilities are some examples of the activities that are eligible through the Financing Program. Treatment of contaminated groundwater qualifies for financing if the treated water is returned to the environment. Treatment solely to provide a safe drinking water supply is ineligible for CWSRF financing, but may be eligible for DWSRF financing.

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

G. Combined Sewer Overflows (CSOs); Interconnections/Cross-Connections (I/Cs)

In 1988, the New Jersey Legislature passed a bill establishing comprehensive requirements for (1) controlling combined sewer overflows (CSOs) throughout the State, (2) managing stormwater needs in the four coastal counties of Atlantic, Cape May, Monmouth, and Ocean, and (3) establishing a grant program to promote planning and design of necessary facilities. Since CSO facilities are wastewater treatment facilities as defined under section 212 of the CWA, construction of CSO facilities is readily accommodated within the existing CWSRF program.

Although it is expected that a number of the affected municipalities in the coastal counties will pursue planning grants under the I/C aspects of the SIIA funding program (if available), there may be cases in which immediate correction of I/Cs may be appropriate. This type of project is generally included in the I/I Correction category for funding under the EIFP. I/C abatement projects eligible for placement on the Priority List include projects located throughout the State having a need to eliminate or abate an I/C between a sanitary and stormwater sewer system.

H. Short-Term and Long-Term Goals; Miscellaneous Items

The short-term goal of New Jersey's financing program is to provide funding to needed, high-ranked water quality improvement projects. The long-term goal of the program is to establish a sound, self-sufficient, self-perpetuating financing program to assist communities with the financial burden of

providing costly wastewater treatment and stormwater/nonpoint source management facilities to meet on-going water quality improvement/maintenance needs of the State.

As provided for in the January 1988 Initial Guidance for State Revolving Funds, a state that has deposited monies in a dedicated revolving fund after March 7, 1985 and prior to receiving a capitalization grant, may credit these monies toward the match, binding commitments, and equivalency requirements. Since some of the projects certified by the DEP receive state-only sources of funding, these state-only projects may qualify under the federal criteria to bank monies to satisfy the CWSRF's match, binding commitment, and equivalency requirements.

In recognition that modifications to the IUP may occur, the DEP may provide updates of the IUP to the USEPA. DEP will submit an Annual Report representing the actual use of the CWSRF funds to the USEPA in accordance with the requirements of the Water Quality Act of 1987 and Agency guidance.

In accordance with the USEPA Policy on Fees Charged on Assistance Provided Under the SRF Programs, states must disclose information regarding the assessment and use of any fees associated with SRF activities that are passed on to the program participants. In New Jersey, each SRF project is financed with two loans, one from the DEP which utilizes federal SRF capitalization grants and one from the NJ Environmental Infrastructure Trust, which utilizes bond proceeds from the Trust bond sale. Each year, the DEP evaluates the need to assess a loan origination fee and/or an annual administrative fee to cover the DEP portion of the program's administrative costs. The amount of the fee (if any) is established in conjunction with the annual budget process for the particular State fiscal year and borrowers are notified in advance of escrow closing as to the estimated cost of the fee that will be charged on their loan to be closed in November.

In the past, adequate resources were available to cover the DEP's costs for administration of the project without levying a fee. Given tight fiscal constraints, the Fiscal Year 2003 Appropriations Act required the DEP to collect an amount not less than \$1 million from the November 2002 borrowers. Rather than require cash payment from the project sponsors, the Trust included the DEP loan origination fee in the borrowers' Trust loan (and secured that portion of the bond issue with non-SRF funds) to cover \$1 million of DEP's costs in administering the Financing Program. It is anticipated that the Fiscal Year 2004 Appropriations Act will require the DEP to collect as much as \$5 million from CWSRF and DWSRF project sponsors to cover program administration costs, and a similar amount could be anticipated to be required in SFY2005. The amount of the DEP loan origination fee will be proportionally allocated among the participants in the FFY2004/ SFY2005 Program. There is no SRF funding involved in the DEP loan origination fee.

The Trust's loan is issued at the same market interest rate as the Trust obtains from the sale of its bonds. Rather than bonding for all of the eligible closing costs associated with each financing, the Trust charges the borrowers a one-time surcharge of up to 0.4% of the principal Trust loan amount to partially cover the costs associated with that particular year's bond sale. These issuance costs include such activities as: bond counsel, financial advisor, rating agencies, printing and publishing of the Notice of Sale, the Preliminary Official Statement, the Official Statement, and other costs related to the Trust's bond sale. In addition, the Trust charges an annual administrative fee of up to 0.3% of the Trust's bond principal loan amount to cover the balance of the closing cost and the annual operating

expenses associated with the operations of the Trust and the on-going costs associated with the Loan Servicer and Trustees. The Trust Annual Fee is not included in the principal amount of the loan. The annual fees collected by the trust are held in an account outside of the SRF. In SFY2005, the Trust anticipates collecting administrative fees associated with the CWSRF and DWSRF programs of approximately \$2.5 million.

FFY2004 Financing Program Schedule for Clean Water Projects	
Date	Action
As soon as possible (but before October 6, 2003)	Prospective applicants attend a preplanning meeting with DEP – MF&CE representatives.
April 16, 2003	Public hearing on Proposed FFY2004 PS document.
April 22, 2003	1. Close of comment period. 2. Public Health Hazard (PHH) bypass requests due.
October 6, 2003	FFY2004 applicants submit commitment letter, all planning documents (i.e., project reports) to DEP, including final NJPDES permit or, in the case of an I/C project, a Final Map.
(on or before) January 15, 2004	DEP/Trust submits list of projects (based on Priority System ranking methodology) to Legislature for forthcoming State Fiscal Year.
March 1, 2004	FFY2004 applicants submit design and complete loan application.
April 2004	Trust conducts Financial Seminars for FFY2004 applicants.
(on or before) May 15, 2004	Financial Plan for State Fiscal Year 2005 submitted by DEP/Trust to Legislature.
(on or about) July 1, 2004	1. Legislature acts on Financial Plan. 2. DEP/Trust transmit draft loan agreements to qualifying applicants.
(on or about) September 15, 2004	1. Trust financial transactions completed. 2. Execute DEP/Trust loan agreements in escrow.
November 2004	DEP/Trust loan closing with FFY2004 sponsors.

SEWAGE INFRASTRUCTURE IMPROVEMENT ACT GRANTS PROGRAM

Introduction

The Sewage Infrastructure Improvement Act (SIIA), *N.J.S.A. 58:25-23*, was passed by the New Jersey State Legislature on August 3, 1988, to address both point and nonpoint source (NPS) pollution. The SIIA set comprehensive requirements applicable to the DEP and the affected municipalities/public entities regarding combined sewer overflow (CSO) abatement and stormwater management. The SIIA also established a fund known as the Municipal Stormwater Management and CSO Abatement Assistance Fund and appropriated \$33.5 million for it. In addition, the DEP may use funds available under the Stormwater Management and CSO Abatement Bond Act of 1989 for SIIA purposes as well. The DEP has adopted rules to

implement CSO Planning and Design Grant aspects at *N.J.A.C. 7:22A-6* and I/C Abatement Planning and Design Grant aspects at *N.J.A.C. 7:22A-7*.

The SIIA grant program for planning and design activities is independent of the EIFP, which is strictly a loan program. This discussion and the SIIA application deadlines (February 6, 2004, for the planning and design of CSO construction projects and December 15, 2003, for the planning of I/C construction projects) are included in this document to take advantage of the wide public circulation of the Priority System. While planning and design may be completed through the award of grants under the SIIA, the construction of needed facilities may be financed through loans awarded under the EIFP.

Sections I and II provide more information on the specific requirements of the SIIA relating to CSOs and stormwater management and explain the interrelationship of the funding programs available under the SIIA and the EIFP.

I. CSO Abatement

The SIIA requires all public entities operating CSO systems in NJ to provide DEP-approved CSO abatement measures. The SIIA funding program authorizes the DEP to give grants to municipalities and other public entities controlling or operating CSOs. The grants provide up to 90 percent of the funds needed to complete planning and design of necessary CSO abatement facilities. In view of the limited funds available for CSOs, CSO abatement projects eligible under the SIIA Grants Program were limited to those which addressed the elimination of dry weather overflows and the reduction of solids and floatables in CSOs during wet weather events.

The DEP annually provides public notice of deadlines for submittal of SIIA planning and design grant applications and has done so since FFY92. The grant application deadline is February 6, 2004, for the planning or design of CSO abatement projects.

II. Stormwater Management

The SIIA requires stormwater mapping and implementation of NPS pollution controls by all municipalities with stormwater sewer systems discharging into the salt waters of Atlantic, Cape May, Monmouth, and Ocean Counties. The maps must identify the locations of the stormwater and sanitary sewer systems, all I/Cs, and indicate whether the cross-connections have received permits from the DEP. The 94 affected municipalities must also periodically monitor water quality at the outfall lines of their stormwater sewers (*N.J.A.C. 7:22A-4*). Because the SIIA requirements for stormwater mapping and NPS pollution control requires a considerable amount of work, the DEP is implementing the program in several phases. The phases and their requirements are Phase I, preliminary maps; Phase II, final maps; and Phase III, NPS pollution correction. Phases I and II are administered by the Division of Watershed Management in the DEP. In addition to these phases, grants for the planning and design of I/C abatement facilities are also available based on the final maps. The I/C planning and design grant aspects of the SIIA are administered by the MF&CE. The deadline for grant applications for I/C planning is December 15, 2003.

In Phase I, which is now complete, municipalities developed inventory and preliminary maps of their stormwater sewer systems; the DEP allocated \$1.045 million for Phase I. The rules requiring the preliminary maps are at *N.J.A.C. 7:22A-1, 2, and 3*. Phase II sets requirements and provides grant funds to municipalities for developing detailed final maps of their stormwater/sanitary sewer systems to locate I/Cs and for monitoring discharges to salt waters. The DEP has signed grant agreements with the eligible municipalities for Phase II final mapping. The rules setting final map and monitoring requirements are at *N.J.A.C. 7:22A-1, 2, and 4*. The final maps must be generated within one year after receiving the grants for them, and the monitoring of discharges to salt water must be completed over a three-year period. Subsequent investigative monitoring activities in conformance with monitoring requirements will enable municipalities to verify and update annually the final maps.

Phase III, a future phase of the program, will involve the implementation of NPS pollution controls where monitoring indicates significant sources of NPS pollution. Municipalities will be required to abate significant NPS pollution which, based on mapping and monitoring efforts, are adversely impacting surface waters. It should be noted that DEP is currently preparing rules to establish guidelines for the preparation of regional stormwater management plans, which is a major step toward implementation of NPS controls needed not only in coastal areas, but throughout the State.

Acronyms and Short Names

CSO	Combined Sewer Overflow
CWA	Clean Water Act
CWSRF	Clean Water State Revolving Fund
DEP	Department of Environmental Protection (New Jersey)
DWSRF	Drinking Water State Revolving Fund
EIFP	Environmental Infrastructure Financing Program
EPA	Environmental Protection Agency (United States)
FFY	Federal Fiscal Year
Fund	Clean Water Fund
I/I	Infiltration/Inflow
I/C	Interconnection/Cross-connection
IUP	Intended Use Plan
List	Project Priority List
MF&CE	Municipal Finance and Construction Element
NJAC	New Jersey Administrative Code
NPS	Nonpoint Source
PHH	Public Health Hazard
PS	Priority System, Intended Use Plan and Project Priority List
SED	Socially and Economically Disadvantaged
SIIA	Sewage Infrastructure Improvement Act
SFY	State Fiscal Year
SPC	State Planning Commission
SRF	State Revolving Fund
Trust	Environmental Infrastructure Trust

APPENDIX A:

- 1) Sample Commitment Letter
- 2) Project Status/Cost Update Form

Prior to the submission of a commitment letter, all applicants are encouraged to attend a pre-planning meeting with the appropriate engineering bureau within the Municipal Finance and Construction Element.

**-Clean Water Financing-
SAMPLE COMMITMENT LETTER FOR FFY2004/SFY2005 SCHEDULE**

(This letter, on official stationary, must be received or postmarked by October 6, 2003 to be given consideration by the Department of Environmental Protection and the New Jersey Environmental Infrastructure Trust for inclusion in the 2004 Financing Program.)

Assistant Director
Municipal Finance and Construction Element
Division of Water Quality
New Jersey Department of Environmental Protection
PO Box 425
Trenton, New Jersey 08625-0425

Dear MF&CE Assistant Director:

Subject: Project No. _____
(Project Name)
(Project Sponsor)
(County)

In accordance with the provisions of the Federal Fiscal Year 2004 (FFY2004) Priority System document and N.J.A.C. 7:22-3.7 (a), I, _____, as authorized representative for the above-referenced project, do hereby commit to meet the project document submittal deadlines identified below and the financial application deadline to be established by the Trust and the State for participation in the 2004 Financing Program.

Planning Documents
Design Documents and Loan Application

October 6, 2003
March 1, 2004

A pre-planning meeting for this project was held on _____ (insert date of meeting) with representatives from the Municipal Finance and Construction Element to discuss program requirements and schedules.

I understand that failure to comply with the submittal requirements and deadlines will result in the project being deemed ineligible for the 2004 Financing Program.

Enclosed please find a project status/cost update form including proposed modifications to the information presented in the Priority List.

Very truly yours,

(Authorized Representative)

Enclosure

c: New Jersey Environmental Infrastructure Trust
PO Box 440
Trenton, NJ 08625-0440

NOTE: If a project sponsor fails to submit this commitment letter by October 6, 2003, the sponsor's project remains on the Project Priority List and is eligible for future funding based on that year's Priority System.

-Clean Water Financing-
FFY2004 PROJECT STATUS/COST UPDATE

The following FFY2004 Project Status/Cost Update Form must be used to update information on currently ranked projects or to propose new projects for inclusion on the FFY2004 Project Priority List. Please complete the form according to the instructions below, and include estimated building costs for each category of project need. All costs should be updated to March 2004. Those applicants who desire to update project status/costs, but do not want to commit to meeting the project submittal deadlines, should submit the Project Status/Cost Update Form with an appropriate cover letter.

Section A: 1) The project sponsor must be the entity which will assure proper operation and maintenance of the facilities or equipment to be constructed, rehabilitated or purchased.

2) For existing projects listed on the FFY2003 Project Priority List, write the number listed. For unlisted projects, write "NEW" in the space provided.

3) For existing projects listed on the FFY2003 Project Priority List, write the name listed. If this name is to be changed, write "change to", and then the new name. For new projects, write a short descriptive title in the space provided.

4-7) Write the address of the agency stated on Line #1.

8-9) Write the name and telephone number of the responsible official of the agency stated on Line #1.

10-11) Write the name and telephone number of the consulting engineer for the project.

Section B: Write a brief description of the project in the space provided; for example - upgrade and expand the existing sewage treatment plant, new gravity interceptor, I/I reduction program, stormwater basin rehabilitation, etc. Also, if a Public Health Hazard Bypass is being sought, so indicate.

Section C: Eligible Category

Category 1- For projects which currently do not meet secondary treatment standards or the repair/expansion of existing facilities to provide secondary treatment. Secondary treatment provides a 30-day average effluent quality of 30 mg/l or less for both SS and BOD with 85 percent removal of these pollutants. Also, projects which will provide facilities to reuse wastewater or treat sludge or septage are included in this category.

Category 2- Applies to treatment facilities to upgrade to meet effluent limitations (30 day average) for BOD and SS less than 30 mg/L, or provide for the removal of

ammonia, nitrogen, phosphorus or other pollutants, or to provide stringent disinfection by means of coagulation or filtration facilities.

- Category 3A- Applies to projects which will reduce infiltration/inflow using "minor" rehabilitation procedures such as grouting/lining of existing sewers, installation of watertight manholes, replacement of short stretches of sewer, etc. Interconnection/Cross-Connection abatement projects will typically be included in this category.
- Category 3B- Involves the replacement of existing pipes or manholes. This is done where pipes and manholes have lost their structural integrity or where an increase in pipe size or change in alignment is needed.
- Category 4A- For the construction of collection sewers to service areas currently using on-site systems of wastewater treatment and disposal. Such sewers consist of the common collection sewers, within a publicly owned treatment system, which are primarily installed to receive wastewater directly from facilities which convey wastewater from individual systems.
- Category 4B- A sewer which is designed to intercept wastewater from a final point in one or more collection systems or from an existing major discharge of raw or inadequately treated wastewater for transport to a treatment facility, another interceptor, or another municipality.
- Category 5- Applies to projects to correct overflow conditions in combined sewer systems and repair/rehabilitation of combined sewer lines. Such systems concurrently transport wastewater and storm and/or tidal flows.
- Category 6- Applies to projects which address problems caused by runoff discharged via separate stormwater sewer systems and may include the installation of packed media filters, replacement of existing storm drains with newer designs that incorporate features to remove solids, floatables, oil and grease and/or other pollutants; purchase or replacement of equipment to reduce solids and/or floatables, such as netting on outfalls and skimmer boats; purchase of maintenance equipment, such as street sweepers, leaf collection equipment, low-application rate salt spreaders and aquatic weed harvesters; beach cleaning equipment; rehabilitation of tide gates and existing basins or other stormwater systems, including pump stations; extension and/or stabilization of outfall points; and salt storage structures/runoff control systems.
- Category 7- Applies to projects to address nonpoint source pollution from such activities as cropland and animal agriculture (such as feedlot manure/runoff control systems), as well as silviculture and urban runoff, where stormwater runoff is not transported via a separate storm sewer. Also included in this category are the water quality aspects of municipal landfill closure and construction projects, open space land acquisition and conservation projects, remedial action activities, well sealing, streambank/lake stabilization/restoration projects which are consistent with habitat protection and those projects identified in category 6 above where the municipal storm sewer system is not permitted as a point source.

Building Costs - Costs related to the erection, acquisition, alteration, remodeling, improvement or extension of treatment works. These costs are exclusive of the architectural/engineering costs defined below.

Architectural/Engineering (A/E) Costs - Costs of consulting services to be incurred during the construction phase of the project, generally estimated at 12% of building costs. These costs are exclusive of planning and design costs.

In addition to the building and A/E costs above, a project's estimated allowable cost will include 3% of building costs for the recipient's administration, 5% for unanticipated cost increases and a planning and design allowance

Basis of Cost: State the source used to estimate the building costs. For example, engineer's estimate, updated 201 Facilities Plan, Project Report, etc.

Section D: NEW PROJECTS ONLY- Complete the project narrative form as follows -

- 1) Project Name - as for Section A, Line 3.
- 2) Service Area - indicate all areas, or portions thereof, in which the proposed wastewater treatment facilities will operate. If possible, provide a map (USGS scale) of the service area.
- 3) Existing Population - state the best available local estimate and indicate source of information; otherwise, current State Data Center estimates should be used.
- 4) Need for Project - justify the need for the project in relation to its effect(s) on existing water use and water quality (refer to the Ranking Methodology section of the Priority System). For projects involving treatment plants, provide the following information, based on the most recent four month period:
 - a) NJPDES Permit Number
 - b) Flow - Design and Existing
 - c) Effluent Levels of BOD and SS (mg/l and percent removal)
- 5) Project Description: provide a brief, but thorough, description of the proposed project, including major components and treatment units, sewer lengths, sludge practices, etc.

For additional information or assistance, contact:
Scott L. Shymon
FY2004 Project Priority List
Coordinator
(609) 292-3859

Send completed forms to:
Assistant Director
Municipal Finance and Construction Element
Division of Water Quality
PO Box 425
Trenton, NJ 08625-0425

-Clean Water Financing-
FFY2004 PROJECT STATUS/COST UPDATE FORM

A. (1) Applicant: _____

(2) Project No: 340 _____

(3) Project Name: _____

(4) Applicant Address: _____

(5) City: _____ (6) County: _____ (7) Zip: _____

(8) Applicant Contact: _____ (9) Tel:() _____

(10) Consultant: _____ (11) Tel:() _____

B. Brief Description of Project: _____

C. Eligible Category

Cost

1 Secondary/Sludge/Septage Treatment \$ _____

2 Advanced Treatment \$ _____

3A Infiltration/Inflow Correction \$ _____

3B Major Sanitary Sewer System Rehabilitation \$ _____

4A New Collection Sewers and Appurtenances \$ _____

4B New Interceptors and Appurtenances \$ _____

5 Correction of Combined Sewer Overflows \$ _____

6 Stormwater Management \$ _____

7 Nonpoint Source Pollution Management \$ _____

Total Building Costs \$ _____

Architectural/Engineering Costs \$ _____

Basis of Cost Estimates: _____

D. Project Narrative (New Projects Only)

(1) Project Name: _____

(2) Service Area: _____

(3) Population: _____

(4) Water Quality-Based Need for Project:

(5) Project Description:

PRIORITY LIST

NEW JERSEY STATE LIBRARY

PROPOSED FEDERAL FISCAL YEAR 2004 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	340547-04 RAHWAY VALLEY SA			3,873					5,142		BEYOND03
2	340430-02 PASSAIC VALLEY SC					79,793			100,557		BEYOND03
3	340418-03 OAKLAND BOROUGH		7,000		21,760				36,522		BEYOND03
4	340638-04 BRIDGEWATER TOWNSHIP			1,054					1,465		BEYOND03
5	340781-04 RARITAN BOROUGH			250					360		BEYOND03
6	340689-03 PASSAIC VALLEY SEWERAGE	50,160							63,424		BEYOND03
7	340495-03 SPARTA TOWNSHIP	1,470	637						2,853		BEYOND03
8	340747-05 JEFFERSON TOWNSHIP				14,922				19,158		T 040730
9	340815-05 NEWARK CITY					37,000			46,893		BEYOND03
10	340810-03 LOWER TOWNSHIP MUA		2,333						3,135		BEYOND03
11	340964-01 WARREN TOWNSHIP SA	3,000							3,997		BEYOND03
12	340689-01 PASSAIC VALLEY SEWERAGE	245,000							309,092		BEYOND03
13	340699-03 MIDDLESEX COUNTY UA	285,613							363,247		BEYOND03
14	340366-06 CAMDEN CITY					46,353			58,648		BEYOND03

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 2004 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	340636-04 POMPTON LAKES BOROUGH MUA		770	110					1,232		BEYOND03
16	340835-01 ORADELL BOROUGH			204					295		BEYOND03
17	340349-03 PENNSAUKEN TOWNSHIP					1,400	2,600		5,308		BEYOND03
18	340463-06 MEDFORD LAKES BOROUGH		3,105						4,135		BEYOND03
19	340768-03 BERGEN COUNTY UA					12,948			16,647		BEYOND03
20	340928-03 JERSEY CITY MUA					37,122			47,046		BEYOND03
21	340688-04 RIDGEFIELD PARK VILLAGE					13,000			16,713		BEYOND03
22	340453-03 WARREN CO-PAULINSKILL/BLAIRSTOWN	595	411		911				2,607		BEYOND03
23	340926-01 PATERSON CITY					35,000			44,376	44,376	T 030730
24	340275-01 RIVERTON BOROUGH	649							914		BEYOND03
25	340699-05 MIDDLESEX COUNTY UA	179,409							224,459		BEYOND03
26	340399-09 HUDSON COUNTY UA (HOBOKEN)					10,846			14,038		BEYOND03
27	340299-04 LINDEN-ROSELLE SA				4,199	5,044			12,027		BEYOND03
28	340399-26 BAYONNE MUA					58,300			73,637		BEYOND03

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors & Appurtenances

Cat 7 - Inflow Infiltration & Surcharge

Cat 2 - Advanced Treatment

Cat 5 - Correction of Combined Sewer Overflows

Cat 3 - Sewer System Rehabilitation

Cat 6 - Stormwater Management

PROPOSED FEDERAL FISCAL YEAR 2004 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			
29	340259-02 KEARNY TOWN					3,000			3,997		BEYOND03
30	340639-05 RIDGEWOOD VILLAGE				1,520				2,075		BEYOND03
31	340747-02 JEFFERSON TOWNSHIP	1,428							1,952		BEYOND03
32	340854-02 GUTTENBERG TOWN					280			376		BEYOND03
33	340925-01 WRIGHTSTOWN (WRIGHTSTOWN MUA)	2,000	900						3,866		BEYOND03
34	340386-04 BERGEN COUNTY UA		68,569						86,505		BEYOND03
35	340399-20 NORTH BERGEN MUA		30,000						38,083	38,083	T 030730
36	340503-03 SUSSEX COUNTY MUA (POCHUCK)	4,080	1,020		3,320				10,967		BEYOND03
37	340898-01 HAMILTON TOWNSHIP		8,830						10,686		BEYOND03
38	340809-08 ATLANTIC COUNTY UA	1,196							1,641		BEYOND03
39	340410-05 NEPTUNE TOWNSHIP SA		8,200						10,684		BEYOND03
40	340463-05 EVESHAM MUA (WOODSTREAM)	2,550	52	102	2,713				7,132		BEYOND03
41	340941-01 SUSSEX COUNTY MUA		5,000						6,614		BEYOND03
42	340944-01 CHESTERFIELD TOWNSHIP	2,251							3,033	3,033	T 030730

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

Source	Agency	Country	Year	Project	Amount	Comments
7	UNDP	UNDP	1997	UNDP	100,000	UNDP

PROPOSED FEDERAL FISCAL YEAR 2004 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			
57	340446-08 EDGEWATER MUA					5,500			7,234		BEYOND03
58	340738-03 WYCKOFF TOWNSHIP				11,220				14,494		BEYOND03
59	340461-05 LANDIS SA	2,700							3,603		BEYOND03
60	340652-01 NORTH BERGEN TOWNSHIP/HUDSON CO				2,800	200			3,997		BEYOND03
61	340935-02 MANSFIELD TOWNSHIP			100					147		BEYOND03
62	340683-05 PASSAIC VALLEY SC	105,400							132,505		BEYOND03
62	340689-06 PASSAIC VALLEY SEWERAGE	50,000							63,223		BEYOND03
64	340547-09 RAHWAY VALLEY SA	435							618	618	T 030730
64	340547-10 RAHWAY VALLEY SA	55,000							69,499		T 040730
66	340900-01 HUDSON COUNTY UA (AREA I)				21,091				26,962		BEYOND03
67	340366-02 CAMDEN CITY	470							667		BEYOND03
68	340804-04 SALEM COUNTY BOARD OF		14,218						18,263	18,263	T 030730
69	340803-04 HACKETTSTOWN MUA				1,011				1,411	1,411	T 030730
70	340547-07 RAHWAY VALLEY SA	17,600							22,561	22,561	T 030730

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 2004 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			
71	340820-03 LONG BRANCH SA	2,824							3,766		BEYOND03
72	343008-01 PRINCETON TOWNSHIP							3,500	4,653		BEYOND03
73	343041-01 WILDWOOD CREST BOROUGH							3,000	3,997		BEYOND03
74	340965-01 ALLOWAY TOWNSHIP/QUINTON				7,640				9,963		BEYOND03
75	340946-02 STAFFORD TOWNSHIP				6,100				7,975		BEYOND03
76	340638-03 BRIDGEWATER TOWNSHIP			52	1,615				2,273		BEYOND03
77	340626-04 WEST WILDWOOD BOROUGH				37				55		BEYOND03
78	340781-03 RARITAN BOROUGH				387				551		BEYOND03
79	340434-02 WANAQUE BOROUGH				212				306		BEYOND03
80	340915-02 HIGHTSTOWN BOROUGH	569							804		BEYOND03
81	343045-01 CAPE MAY CITY							4,000	5,308	5,308	T 030730
82	343031-01 MENDHAM TOWNSHIP							4,000	5,308		BEYOND03
83	340872-01 HOPE TOWNSHIP	356							508		BEYOND03
84	340686-03 ESSEX-UNION JOINT MEETING	15,000							19,257		BEYOND03

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors & Appurtenances

Cat 2 - Advanced Treatment

Cat 5 - Correction of Combined Sewer Overflows

Cat 3 - Sewer System Rehabilitation

Cat 6 - Stormwater Management

PROPOSED FEDERAL FISCAL YEAR 2004 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			
84	340686-04 ESSEX UNION JOINT MEETING	8,600							11,199	11,199	T 030730
86	340640-08 CAMDEN COUNTY MUA	3,500							4,653	4,653	T 030730
87	340687-05 BERGEN COUNTY UA	29,802							37,834		BEYOND03
88	340640-06 CAMDEN COUNTY MUA	68,350							86,231		BEYOND03
89	343037-01 BURLINGTON COUNTY BCF							1,533	2,093	2,093	T 030730
90	340818-04 BURLINGTON COUNTY BOARD OF	7,781							10,144		BEYOND03
91	343004-03 MERCER COUNTY							800	1,122	1,122	T 030730
92	340399-15 HUDSON COUNTY UA	15,603							20,024		BEYOND03
93	340809-05 ATLANTIC COUNTIES UTILITIES	2,140							2,895		BEYOND03
93	340405-04 ATLANTIC COUNTY UA	15,275							19,607		BEYOND03
95	340850-01 PATERSON CITY			22,136					28,256		BEYOND03
96	342008-01 SUSSEX COUNTY MUA							1,800	2,451		BEYOND03
97	340821-03 ROCKAWAY VALLEY REG SA	12,531							16,116		BEYOND03
98	340942-05 ELIZABETH CITY						257		370	370	T 030730

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 2004 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			
99	343035-01 WARREN COUNTY							2,374	3,185		BEYOND03
100	340299-06 LINDEN ROSELLE SA	9,594							12,479	12,479	T 030730
101	343027-02 EDISON TOWNSHIP							43,826	55,475	55,475	T 030730
102	340366-03 CAMDEN CITY			15					22		BEYOND03
103	340416-11 TRENTON CITY	3,000							3,997		BEYOND03
103	340416-12 TRENTON CITY			2,000					2,718		BEYOND03
105	343021-01 MIDDLETOWN TOWNSHIP							7,105	9,273		BEYOND03
106	343010-02 BRICK TOWNSHIP							1,885	2,564	2,564	T 030730
107	340886-01 PARSIPPANY-TROY HILLS TWP	1,001							1,398		BEYOND03
108	342009-01 BAYONNE LOCAL REDEVELOPMENT							2,957	3,941	3,941	T 030730
109	340945-04 OLD BRIDGE MUA				25,990				33,032		BEYOND03
109	340945-01 OLD BRIDGE MUA			600	700				1,780	1,780	T 030730
111	343014-01 GLOUCESTER TOWNSHIP							949	1,328		BEYOND03
112	340661-06 CAPE MAY COUNTY MUA	9,457							12,302		BEYOND03

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 2 - Advanced Treatment

Cat 3 - Sewer System Rehabilitation

Cat 4 - New Collectors, Interceptors & Appurtenances

Cat 5 - Correction of Combined Sewer Overflows

Cat 6 - Stormwater Management

Cat 7 - Nonpoint Source Management

PROPOSED FEDERAL FISCAL YEAR 2004 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			
113	340400-04 STONY BROOK REGIONAL SA	8,095							10,549		BEYOND03
114	340390-05 WANAQUE VALLEY REG SA	10,000	6,000	1,000	3,000				25,607		BEYOND03
115	343044-01 WASHINGTON TOWNSHIP (GLOUCESTER							725	1,019		BEYOND03
116	340929-01 WAYNE TOWNSHIP				1,360				1,861		BEYOND03
117	343017-01 FRANKLIN TOWNSHIP							16,863	21,625		BEYOND03
118	343023-02 EVESHAM TOWNSHIP							585	826		BEYOND03
119	340437-11 NEW BRUNSWICK CITY						3,500		4,653	4,653	T 030730
120	340437-03 NEW BRUNSWICK CITY			675					950		BEYOND03
121	343011-01 HOWELL TOWNSHIP							1,500	2,049		BEYOND03
122	343024-01 HACKENSACK CITY							519	735		BEYOND03
123	342005-01 LINDEN CITY							7,267	9,482		BEYOND03
124	342003-01 EVESHAM TOWNSHIP							2,200	3,055		BEYOND03
125	343039-01 MANALAPAN TOWNSHIP							2,600	3,471	3,471	T 030730
126	343015-01 MOUNT LAUREL TOWNSHIP							3,135	4,174		BEYOND03

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 2004 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	340895-02 WINSLOW TWP				2,003				2,722		BEYOND03
128	340875-01 VOORHEES TOWNSHIP				4,246				5,630		BEYOND03
129	340819-02 MT HOLLY SA	3,920							5,203		BEYOND03
130	340304-01 FREEHOLD TOWNSHIP				3,678				4,886		BEYOND03
130	343018-01 FREEHOLD TOWNSHIP							2,000	2,718		BEYOND03
132	340526-03 GLOUCESTER CO UA (MONROE)	1,310	562		281				2,911		BEYOND03
133	340897-01 SOUTH BRUNSWICK TOWNSHIP				896				1,254		BEYOND03
134	343005-02 WEST WINDSOR TOWNSHIP							6,000	7,846	7,846	T 030730
135	343030-03 MONTVILLE TOWNSHIP							885	1,239	1,239	T 030730
136	343007-01 RANDOLPH TOWNSHIP							8,370	10,903		BEYOND03
137	343022-01 MORRIS TOWNSHIP							2,000	2,718		BEYOND03
138	340478-05 ROCKAWAY TOWNSHIP	5,549			8,077				17,510		BEYOND03
139	343025-01 POINT PLEASANT BOROUGH							460	654		BEYOND03
140	340883-01 ASBURY PARK CITY	527							746		BEYOND03

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors & Appurtenances

Cat 2 - Advanced Treatment

Cat 5 - Correction of Combined Sewer Overflows

Cat 3 - Sewer System Rehabilitation

Cat 6 - Stormwater Management

PROPOSED FEDERAL FISCAL YEAR 2004 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	340931-02 MONTVILLE TOWNSHIP MUA				12,820				16,484		BEYOND03
142	343034-02 READINGTON TOWNSHIP							300	430	430	T 030730
143	340650-03 MANCHESTER TWP				6,872				8,972		BEYOND03
144	340382-02 BERNARDS TOWNSHIP SA				380				542		BEYOND03
145	340461-04 GLOUCESTER COUNTY UA (FRANKLIN				5,481				7,211		BEYOND03
146	340418-05 OAKLAND BOROUGH				32,200				40,854		BEYOND03
147	343012-01 CLINTON TOWNSHIP							10,000	13,000	13,000	T 030730
148	343003-01 HANOVER TOWNSHIP							9,000	11,714		BEYOND03
149	343042-01 BRIGANTINE CITY							5,000	6,614		BEYOND03
150	340745-02 VERNON TWP				5,050				6,677		BEYOND03
151	340592-03 MAHWAH TOWNSHIP			182	6,862				9,194		BEYOND03
152	343029-01 MONTGOMERY TOWNSHIP							3,454	4,594		BEYOND03
153	340760-03 WANTAGE TWP				402				572		BEYOND03
154	340403-05 CHATHAM TOWNSHIP	500							708		BEYOND03

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 2004 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			
154	343016-01 CHATHAM TOWNSHIP							2,000	2,718		BEYOND03
156	343001-01 FLORHAM PARK BOROUGH							7,500	9,782		BEYOND03
157	343036-01 BORDENTOWN TOWNSHIP							10,447	13,550		BEYOND03
158	343047-01 BYRAM TOWNSHIP							1,400	1,915	1,915	T 030730
159	343038-01 EDGEWATER PARK TOWNSHIP							100	147		BEYOND03
160	340909-01 UPPER SADDLE RIVER, BOROUGH OF				991				1,384		BEYOND03
161	340404-05 LONG HILL TWP				11,221				14,495		BEYOND03
162	343040-01 MANSFIELD TOWNSHIP							1,196	1,641		BEYOND03
163	340650-05 MANCHESTER TOWNSHIP				10,644				13,791		BEYOND03
164	340957-01 FAIRFIELD TOWNSHIP				1,607				2,192	2,192	T 030730
165	340705-03 CARLSTADT SA				4,026				5,342		BEYOND03
166	340805-02 MILFORD BOROUGH	2,604		456					4,076		BEYOND03
167	340607-03 PLUMSTED TWP MUA	2,000	1,850		9,100				16,278		BEYOND03
167	343019-01 PLUMSTED TOWNSHIP							6,800	8,879		BEYOND03

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors & Appurtenances

Cat 7 - Unpolluted Source Discharge

Cat 2 - Advanced Treatment

Cat 5 - Correction of Combined Sewer Overflows

Cat 3 - Sewer System Rehabilitation

Cat 6 - Stormwater Management

PROPOSED FEDERAL FISCAL YEAR 2004 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	340737-01 MAHWAH TOWNSHIP	158							230		BEYOND03
170	340759-02 SUSSEX CO.	5,900	0		0				7,725		BEYOND03
171	343048-01 NJ WATER SA/LEBANON TOWNSHIP							2,000	2,718	2,718	T 030730
172	342004-01 FAIRFIELD TOWNSHIP							1,200	1,645		BEYOND03
173	340489-03 WHARTON BOROUGH				421				599		BEYOND03
174	340790-02 BERLIN TOWNSHIP				600				847		BEYOND03
175	340742-02 FRANKFORD TWP				2,007				2,727		BEYOND03
176	343009-01 MILLSTONE TOWNSHIP							9,000	11,714		BEYOND03
177	343026-01 EASTAMPTON TOWNSHIP							3,000	3,997		BEYOND03
178	340568-02 BLAIRSTOWN TWP				1,092				1,512		BEYOND03
179	340466-03 DENVERVILLE TOWNSHIP				14,176				18,210		BEYOND03
180	340927-03 HAMMONTON TOWN				3,752				4,983		BEYOND03
181	343049-01 PEAPACK & GLADSTONE BOROUGH							750	1,054	1,054	T 030730
182	340729-01 RIVERDALE BOROUGH				1,273				1,744		BEYOND03

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 2004 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	340473-01 RIVERDALE BOROUGH				3,265				4,345		BEYOND03
184	340592-06 MAHWAH TOWNSHIP			275	3,896				5,532		BEYOND03
185	340445-02 OXFORD TOWNSHIP				125				183		BEYOND03
186	340778-03 WEST PATERSON BOROUGH				1,488				2,033	2,033	T 030730
187	340838-01 EVESHAM MUA	2,747							3,665		BEYOND03
188	340487-02 KINNELON BOROUGH				7,641				9,964		BEYOND03
189	342002-01 ESTELL MANOR CITY							1,140	1,572		BEYOND03
190	340480-06 PEQUANNOCK TOWNSHIP				7,152				9,333		BEYOND03
191	340930-01 WASHINGTON TOWNSHIP				2,496				3,335		BEYOND03
192	340650-06 MANCHESTER TOWNSHIP				2,500				3,340		BEYOND03
193	340485-04 RARITAN TOWNSHIP MUA	6,570							8,583		BEYOND03
194	340619-03 UPPER TWP (STRATHMERE)				1,707				2,326		BEYOND03
195	340480-05 PEQUANNOCK TOWNSHIP				4,838				6,403		BEYOND03
196	340740-02 BRANCHVILLE BOROUGH				1,900				2,584		BEYOND03

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors & Appurtenances

Cat 7 - Sanitary Sewer Collection System

Cat 2 - Advanced Treatment

Cat 5 - Correction of Combined Sewer Overflows

Cat 6 - Stormwater Management

Cat 3 - Sewer System Rehabilitation

Cat 6 - Stormwater Management

PROPOSED FEDERAL FISCAL YEAR 2004 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	340961-01 SOUTHAMPTON TOWNSHIP				1,806				2,459		BEYOND03
198	340892-02 GALLOWAY TOWNSHIP				4,300				5,700		BEYOND03
199	340959-02 NORTH ARLINGTON BOROUGH				500				708		BEYOND03
200	340831-01 SHAMONG TWP	1,988							2,702		BEYOND03
201	340271-01 MILLSTONE BOROUGH				2,500				3,340		BEYOND03
202	340836-01 PLAINSBORO TOWNSHIP				1,530				2,089		BEYOND03
203	340839-01 FRANKLIN TWP SA (SOMERSET CO.)				1,154				1,589		BEYOND03
204	340918-01 CLAYTON BOROUGH(SILVER LAKE)				829				1,162		BEYOND03
205	340870-01 PENNSVILLE SA				1,581				2,157		BEYOND03
206	340833-01 BUENA BOROUGH MUA	509							721		BEYOND03
207	340480-03 PEQUANNOCK TOWNSHIP				1,200				1,645		BEYOND03
208	340594-02 LINCOLN PARK BOROUGH				3,189				4,245		BEYOND03
209	340433-08 WOODBRIIDGE TOWNSHIP				25				36		BEYOND03
210	342007-03 BURLINGTON COUNTY BOARD OF							10,276	13,340	13,340	T 030730

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 2004 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			
211	342008-03 SUSSEX COUNTY MUA							5,000	6,614		BEYOND03
212	340366-05 CAMDEN CITY							5,000	6,614		BEYOND03
213	340336-05 LONG BRANCH SA			1,000					1,396		BEYOND03
214	340892-03 GALLOWAY TOWNSHIP				400		6,500		9,008		BEYOND03
215	340376-04 MORRISTOWN TOWN			6,600					8,621		BEYOND03
216	340889-01 DOVER TOWN			664					935		BEYOND03
217	340664-03 WILDWOOD CITY			2,250					3,032		BEYOND03
218	340664-02 WILDWOOD CITY						1,831		2,492		BEYOND03
219	340719-02 WILDWOOD CREST BOROUGH			3,500					4,653		BEYOND03
220	340626-03 WEST WILDWOOD BOROUGH			396					564		BEYOND03
221	340921-04 MILLVILLE CITY			5,350	1,200				8,557		BEYOND03
222	340360-01 METUCHEN BOROUGH			2,800					3,734		BEYOND03
223	340778-01 TOTOWA BOROUGH			700					985		BEYOND03
223	340778-04 TOTOWA BOROUGH			350					420		BEYOND03

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors & Appurtenances

Cat 2 - Advanced Treatment

Cat 5 - Correction of Combined Sewer Overflows

Cat 3 - Sewer System Rehabilitation

Cat 6 - Stormwater Management

PROPOSED FEDERAL FISCAL YEAR 2004 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			
225	340304-02 FREEHOLD BOROUGH			300					430		BEYOND03
226	340295-01 BOUND BROOK BOROUGH			150					218		BEYOND03
227	340816-03 BERNARDSVILLE BOROUGH			809					1,135		BEYOND03
227	340816-04 BERNARDSVILLE BOROUGH			455					646		BEYOND03
229	340258-01 CAPE MAY CITY				250				360		BEYOND03
230	340911-01 MANASQUAN BOROUGH			4,600					6,093		BEYOND03
231	340347-01 SOUTH BOUND BROOK BOROUGH				850				1,239		BEYOND03
232	340864-01 AVALON BOROUGH		310	796					1,530		BEYOND03
233	340722-01 STONE HARBOR BOROUGH			178					258		BEYOND03
234	340159-01 MENDHAM BOROUGH							220	318		BEYOND03
234	340159-02 MENDHAM BOROUGH							132	193		BEYOND03
236	340506-02 CRANBURY TOWNSHIP				2,700				3,603		BEYOND03
237	340634-03 BLOOMINGDALE BOROUGH				2,842				3,790		BEYOND03
238	340680-05 MIDDLESEX COUNTY UA	1,018							1,419		BEYOND03

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 2004 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	340788-05 MONMOUTH COUNTY BOARD OF							655	923		BEYOND03
240	340525-01 CAMDEN COUNTY BOARD OF							560	792		BEYOND03
240	340525-02 CAMDEN COUNTY DEPARTMENT OF							1,235	1,693		BEYOND03
240	340525-03 CAMDEN COUNTY DEPARTMENT OF							552	781		BEYOND03
243	340637-04 MIDDLESEX COUNTY UA			15,618					20,043		BEYOND03
244	340280-01 UNION COUNTY						3,776		5,015		BEYOND03
245	340768-02 BERGEN COUNTY UA			12,184					15,673		BEYOND03
246	340709-02 CAMDEN COUNTY MUA			12,184					15,673		BEYOND03
247	340817-02 MT HOLLY SA	1,102							1,525		BEYOND03
248	340806-03 PARSIPPANY-TROY HILLS TWP	246							354		BEYOND03
249	340547-03 RAHWAY VALLEY SA			4,482					5,938		BEYOND03
249	340547-08 RAHWAY VALLEY SA			1,250					1,713	1,713	T 030730
251	340809-10 ATLANTIC COUNTY UA			3,175					4,227		BEYOND03
252	340902-01 GLOUCESTER COUNTY UA	3,723							4,945		BEYOND03

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors & Appurtenances

Cat 2 - Advanced Treatment

Cat 5 - Correction of Combined Sewer Overflows

Cat 3 - Sewer System Rehabilitation

Cat 6 - Stormwater Management

7 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234 1235 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1287 1288 1289 1290 1291 1292 1293 1294 1295 1296 1297 1298 1299 1300 1301 1302 1303 1304 1305 1306 1307 1308 1309 1310 1311 1312 1313 1314 1315 1316 1317 1318 1319 1320 1321 1322 1323 1324 1325 1326 1327 1328 1329 1330 1331 1332 1333 1334 1335 1336 1337 1338 1339 1340 1341 1342 1343 1344 1345 1346 1347 1348 1349 1350 1351 1352 1353 1354 1355 1356 1357 1358 1359 1360 1361 1362 1363 1364 1365 1366 1367 1368 1369 1370 1371 1372 1373 1374 1375 1376 1377 1378 1379 1380 1381 1382 1383 1384 1385 1386 1387 1388 1389 1390 1391 1392 1393 1394 1395 1396 1397 1398 1399 1400 1401 1402 1403 1404 1405 1406 1407 1408 1409 1410 1411 1412 1413 1414 1415 1416 1417 1418 1419 1420 1421 1422 1423 1424 1425 1426 1427 1428 1429 1430 1431 1432 1433 1434 1435 1436 1437 1438 1439 1440 1441 1442 1443 1444 1445 1446 1447 1448 1449 1450 1451 1452 1453 1454 1455 1456 1457 1458 1459 1460 1461 1462 1463 1464 1465 1466 1467 1468 1469 1470 1471 1472 1473 1474 1475 1476 1477 1478 1479 1480 1481 1482 1483 1484 1485 1486 1487 1488 1489 1490 1491 1492 1493 1494 1495 1496 1497 1498 1499 1500 1501 1502 1503 1504 1505 1506 1507 1508 1509 1510 1511 1512 1513 1514 1515 1516 1517 1518 1519 1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 1532 1533 1534 1535 1536 1537 1538 1539 1540 1541 1542 1543 1544 1545 1546 1547 1548 1549 1550 1551 1552 1553 1554 1555 1556 1557 1558 1559 1560 1561 1562 1563 1564 1565 1566 1567 1568 1569 1570 1571 1572 1573 1574 1575 1576 1577 1578 1579 1580 1581 1582 1583 1584 1585 1586 1587 1588 1589 1590 1591 1592 1593 1594 1595 1596 1597 1598 1599 1600 1601 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1612 1613 1614 1615 1616 1617 1618 1619 1620 1621 1622 1623 1624 1625 162

PROPOSED FEDERAL FISCAL YEAR 2004 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	340952-02 NORTH HUDSON SA			4,950					6,549		BEYOND03
254	340801-03 SOMERSET-RARITAN VALLEY SA	1,054							1,465		BEYOND03
254	340299-05 LINDEN ROSELLE SA			271					389	389	T 030730
254	340801-05 SOMERSET RARITAN VALLEY SA				8,900				11,585	11,585	T 030730
257	340756-02 ROCKAWAY VALLEY REG SA			4,482					5,938		BEYOND03
258	340700-06 NORTHWEST BERGEN CO UA			6,076					7,944		BEYOND03
259	340641-02 CAMDEN CITY			3,000					3,997	3,997	T 030730
260	340843-01 EAST ORANGE CITY			1,903					2,588		BEYOND03
261	340844-01 CLIFTON CITY			1,025					1,428	1,428	T 030730
262	340433-04 WOODBRIIDGE TOWNSHIP			807					1,132		BEYOND03
263	340391-06 EWING LAWRENCE SA			2,000					2,718		BEYOND03
264	340945-05 OLD BRIDGE MUA			1,600					2,183		BEYOND03
265	340652-07 NORTH BERGEN TOWNSHIP			450					639		BEYOND03
266	340804-03 SALEM COUNTY BD OF CHOSEN	5,162							6,816		BEYOND03

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 2004 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			
267	340385-03 BERKELEY HEIGHTS TOWNSHIP						350		500		BEYOND03
268	340845-01 PASSAIC CITY			4,018					5,331		BEYOND03
269	340364-01 GLOUCESTER TOWNSHIP MUA			1,100					1,540		BEYOND03
270	340700-05 NORTHWEST BERGEN CO UA	1,683							2,294		BEYOND03
271	340393-07 WAYNE TOWNSHIP			1,500					2,049		BEYOND03
272	340377-02 SOUTH MONMOUTH RSA			8,900					11,585		BEYOND03
273	340435-06 PERTH AMBOY CITY			4,511					5,976	5,976	T 030730
274	340930-03 WASHINGTON TOWNSHIP MUA			683					962	962	T 030730
275	340969-01 BERKELEY TOWNSHIP			2,000					2,718		BEYOND03
275	340969-03 BERKELEY TOWNSHIP SA				3,185				4,240	4,240	T 030730
277	340865-01 WEST ORANGE TOWNSHIP			8,466	847				12,117		BEYOND03
278	340832-02 MANASQUAN RIVER REG SA				3,467				4,610		BEYOND03
279	340837-01 MONTCLAIR TOWN			1,434		95			2,088		BEYOND03
280	340635-03 HOBOKEN CITY						50		73	73	T 030730

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PROPOSED FEDERAL FISCAL YEAR 2004 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			
281	340282-01 HOPEWELL TOWNSHIP				18,685				23,940		BEYOND03
282	340954-01 CHERRY HILL TOWNSHIP			456	456				1,276		BEYOND03
283	340259-03 KEARNY MUA			925					1,294		BEYOND03
284	340410-04 NEPTUNE TWP SA			3,369					4,481		BEYOND03
285	340895-01 WINSLOW TWP (SICKLERSVILLE)				1,473				2,013		BEYOND03
286	340397-01 EWING TOWNSHIP							325	465		BEYOND03
286	340397-03 EWING TOWNSHIP							126	185		BEYOND03
288	340853-01 FORT LEE BOROUGH			481					682		BEYOND03
289	340859-01 ORANGE CITY			685					964		BEYOND03
290	340649-02 PEMBERTON TOWNSHIP MUA	5,000		3,500	1,500				13,800		BEYOND03
291	340353-02 EGG HARBOR TOWNSHIP MUA			650					916		BEYOND03
291	340753-03 EGG HARBOR TOWNSHIP MUA			650					916		BEYOND03
293	340895-04 WINSLOW TOWNSHIP (CEDAR BROOK)				3,000				3,997		BEYOND03
293	340895-05 WINSLOW TOWNSHIP (W. ATCO)				3,600				4,852		BEYOND03

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PROPOSED FEDERAL FISCAL YEAR 2004 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			
295	340423-03 MONROE MUA			1,649					2,249		BEYOND03
296	340423-04 MONROE TOWNSHIP						220		318		BEYOND03
297	340268-01 MARLBORO TOWNSHIP							115	169		BEYOND03
298	340459-05 PEQUANNOCK RIVER BASIN RSA			425					604		BEYOND03
299	340701-08 WEST MILFORD TOWNSHIP MUA			1,750					2,384		BEYOND03
300	340769-02 BERGEN COUNTY UA (TRIBORO)			1,150					1,584		BEYOND03
301	340750-04 OCEAN TOWNSHIP						855		1,198		BEYOND03
302	340639-07 RIDGEWOOD VILLAGE	2,189		2,375					6,046		BEYOND03
303	340858-01 CRANFORD TOWNSHIP			443					629		BEYOND03
304	340283-02 MAPLEWOOD TOWNSHIP						4,130		5,479		BEYOND03
305	340715-03 MADISON-CHATHAM JOINT MEETING			553					782		BEYOND03
306	340858-02 CRANFORD TOWNSHIP						1,510		2,062	2,062	T 030730
307	340866-01 SOUTH BRUNSWICK TOWNSHIP			260					374		BEYOND03
308	340404-06 LONG HILL TOWNSHIP			1,700					2,317		BEYOND03

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Cat 6 - Stormwater Management

PROPOSED FEDERAL FISCAL YEAR 2004 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			
309	340968-01 HAZLET TOWNSHIP			650					916		BEYOND03
309	340443-05 EDGEWATER BOROUGH			2,301					3,091		BEYOND03
309	340968-02 HAZLET TOWNSHIP						290		416		BEYOND03
309	340968-03 HAZLET TOWNSHIP							95	140		BEYOND03
313	340906-03 HILLSIDE TOWNSHIP			791					1,110		BEYOND03
314	340537-05 MOUNT OLIVE TOWNSHIP						904		1,266		BEYOND03
315	340314-01 ROSELLE BOROUGH			1,156					1,592		BEYOND03
316	340632-07 RANDOLPH TOWNSHIP			3,221	3,550				8,842		BEYOND03
317	340939-01 CARTERET BOROUGH			5,400					7,111		BEYOND03
318	340912-02 MOORESTOWN TOWNSHIP			611					862		BEYOND03
319	340829-01 BRIDGETON CITY			975					1,362		BEYOND03
320	340446-06 EDGEWATER BOROUGH				1,617				2,207		BEYOND03
321	340863-01 ELMWOOD PARK BOROUGH			777					1,091		BEYOND03
322	340922-01 DUMONT BOROUGH			2,717					3,625		BEYOND03

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PROPOSED FEDERAL FISCAL YEAR 2004 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	340869-02 ABERDEEN TOWNSHIP				2,121				2,871		BEYOND03
324	340400-03 STONY BROOK REGIONAL SA			393					560		BEYOND03
325	340313-01 PALISADES PARK BOROUGH			300					430		BEYOND03
326	340884-01 ASBURY PARK CITY				1,581				2,157		BEYOND03
327	340491-02 WEST WINDSOR TOWNSHIP				400				570		BEYOND03
328	340029-02 SECAUCUS TOWN						7,000		9,137	9,137	T 030730
329	340577-07 READINGTON TOWNSHIP			155					226		BEYOND03
330	340545-04 GLASSBORO BOROUGH				2,977				3,968		BEYOND03
331	340730-01 OCEAN CITY			39					57		BEYOND03
332	340839-03 FRANKLIN TOWNSHIP (GLOUCESTER CO.)		1,200						1,645		BEYOND03
333	340580-04 WARREN CO LOPAT SA			1,809					2,463		BEYOND03
334	340382-03 BERNARDS TOWNSHIP SA			337					482		BEYOND03
335	340495-04 SPARTA TOWNSHIP				2,081				2,821		BEYOND03
336	340170-02 CINNAMINSON SA			2,000					2,718		BEYOND03

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Cat 1 - Secondary/Sludge/Septage Treatment

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Cat 6 - Stormwater Management

PROPOSED FEDERAL FISCAL YEAR 2004 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			
337	340752-01 PLEASANTVILLE CITY			151					220		BEYOND03
338	340533-04 VERONA BOROUGH			1,054					1,465		BEYOND03
339	340855-01 SPRINGFIELD TOWNSHIP			1,054					1,465		BEYOND03
340	340938-01 HIGHLAND PARK BOROUGH			3,242					4,315		BEYOND03
340	340938-02 HIGHLAND PARK BOROUGH							335	479		BEYOND03
342	340873-01 CLINTON TWP SEWERAGE AUTHORITY			375					535	535	7 030730
343	340717-05 CEDAR GROVE TOWNSHIP			260					374		BEYOND03
344	340766-02 PARSIPPANY-TROY HILLS TWP			35					51		BEYOND03
345	340381-05 ROXBURY TWP			962					1,344		BEYOND03
346	340803-03 HACKETTSTOWN MUA	451							641		BEYOND03
347	340329-01 HASBROUCK HEIGHTS BOROUGH			11,000					14,226		BEYOND03
347	340329-02 HASBROUCK HEIGHTS BOROUGH							5,000	6,614		BEYOND03
349	340919-02 HOLMDEL TOWNSHIP				32,050				40,665		BEYOND03
350	340618-01 SOMERS POINT CITY			77					113		BEYOND03

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STATE OF NEW JERSEY
PROPOSED FEDERAL FISCAL YEAR 2004 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			
351	340703-05 FLORHAM PARK SA			1,000					1,396		BEYOND03
352	340163-01 WATERFORD TOWNSHIP MUA				2,474				3,309		BEYOND03
353	340862-01 WESTWOOD BOROUGH			690					971		BEYOND03
354	340716-04 LITTLE FALLS MUA			1,600					2,183	2,183	T 030730
355	340841-01 RIVER EDGE BOROUGH			320					458		BEYOND03
356	340780-02 WANAQUE VALLEY RSA/WANAQUE			1,136					1,567		BEYOND03
357	340326-04 SAYREVILLE BOROUGH			168					244		BEYOND03
358	340517-01 FAIRVIEW BOROUGH			1,027					1,431		BEYOND03
359	340425-01 LITTLE FERRY BOROUGH			3,700					4,915		BEYOND03
360	340967-01 MATAWAN BOROUGH			500					708		BEYOND03
361	340309-01 AUDUBON BOROUGH			779					1,094		BEYOND03
362	340967-02 MATAWAN BOROUGH						3,310		4,404		BEYOND03
362	340967-03 MATAWAN BOROUGH							200	289		BEYOND03
364	340362-02 HARRISON TOWNSHIP			1,963					2,669	2,669	T 030730

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PROPOSED FEDERAL FISCAL YEAR 2004 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			
365	340296-02 EAST RUTHERFORD BOROUGH			700					985		BEYOND03
366	340569-03 BYRAM TOWNSHIP							150	218	218	T 030730
367	340363-02 RUNNEMEDE SA			375	100				674	674	T 030730
367	340363-03 RUNNEMEDE SA			375					535	535	T 030730
369	340166-01 EDGEWATER PARK TOWNSHIP						1,500		2,049		BEYOND03
370	340265-01 BOONTON TOWN						250		360		BEYOND03
371	340877-01 HADDON HEIGHTS BOROUGH			976					1,364		BEYOND03
372	340914-01 BOGOTA BOROUGH			103	30				194		BEYOND03
373	340861-01 GLEN RIDGE BOROUGH			234					337		BEYOND03
374	340326-06 SOUTH AMBOY CITY			168					244		BEYOND03
375	340903-02 HAMILTON TOWNSHIP MUA				2,044				2,774		BEYOND03
376	340267-01 KEYPORT BOROUGH						150	100	360		BEYOND03
377	340374-01 CRESSKILL BOROUGH						310		444		BEYOND03
378	340846-01 MONTVALE BOROUGH			71					104		BEYOND03

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PROPOSED FEDERAL FISCAL YEAR 2004 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	340305-01 BARRINGTON BOROUGH			734					1,032	1,032	T 030730
380	340346-01 MEDFORD TOWNSHIP			3,000					3,997		BEYOND03
381	340164-01 PAULSBORO BOROUGH						687		967		BEYOND03
382	340916-01 DUNELLEN BOROUGH			1,000					1,396		BEYOND03
383	340282-02 HOPEWELL TOWNSHIP				2,603				3,475		BEYOND03
384	340278-01 UNION BEACH BOROUGH			1,700					2,317		BEYOND03
385	340264-02 LOPATCONG TOWNSHIP			2,000					2,718		BEYOND03
386	340308-01 BERLIN BOROUGH						500		708		BEYOND03
387	340426-06 N ARLINGTON - LYNDHURST JT MTG			150					218		BEYOND03
387	340426-05 N ARLINGTON-LYNDHURST JT MTG			3,527					4,688		BEYOND03
387	340310-01 ROCHELLE PARK TOWNSHIP			1,653					2,255		BEYOND03
390	340479-02 POINT PLEASANT BEACH BOROUGH			1,107					1,531		BEYOND03
391	340705-04 CARLSTADT SEWERAGE AUTHORITY			2,500					3,340		BEYOND03
392	340790-03 BERLIN TOWNSHIP						853	88	1,317		BEYOND03

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Cat 1 - Secondary/Sludge/Septage Treatment

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PROPOSED FEDERAL FISCAL YEAR 2004 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			
393	340338-03 SOMERDALE BOROUGH						952		1,331		T 040730
394	340840-01 SPRING LAKES HEIGHTS, BOROUGH OF			111					163		BEYOND03
395	340368-01 EAST GREENWICH TOWNSHIP				464				660		BEYOND03
396	340330-01 MORRIS PLAINS BOROUGH			335					479		BEYOND03
397	340106-02 NEPTUNE CITY BOROUGH			300					430		BEYOND03
398	340901-01 HIGHLANDS BOROUGH			622					877		BEYOND03
399	340446-07 EDGEWATER BOROUGH						2,000		2,718		BEYOND03
400	340502-05 PENNS GROVE SA			390					556		BEYOND03
401	340901-04 HIGHLANDS BOROUGH						552		781		BEYOND03
401	340285-01 MAGNOLIA BOROUGH			900					1,259		BEYOND03
403	340901-02 HIGHLANDS BOROUGH			100					147		BEYOND03
403	340361-01 ROSELAND BOROUGH			83					123		BEYOND03
403	340361-02 ROSELAND BOROUGH						1,000		1,396		BEYOND03
403	340901-03 HIGHLANDS BOROUGH						593	267	1,205		BEYOND03

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PROPOSED FEDERAL FISCAL YEAR 2004 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			
407	340362-01 HARRISON TOWNSHIP	450		1,875					3,125		BEYOND03
408	340541-04 MOUNT ARLINGTON BOROUGH						91		134		BEYOND03
409	340289-01 WESTVILLE BOROUGH			500					708		BEYOND03
410	340326-07 SAYREVILLE BOROUGH				3,527				4,688		BEYOND03
411	340440-04 FLEMINGTON BOROUGH			1,200					1,645		BEYOND03
412	340319-01 MEDFORD LAKES BOROUGH			200					289		BEYOND03
413	340917-02 DELAWARE TOWNSHIP MUA			300					430		BEYOND03
414	340882-05 LAMBERTVILLE SA	375		882					1,722	1,722	T 030730
415	340842-02 HIGH BRIDGE BOROUGH							110	162	162	T 030730
416	340842-01 HIGH BRIDGE BOROUGH			160					243		BEYOND03
417	340504-02 STANHOPE BOROUGH			289					415		BEYOND03
418	340956-02 DELANCO TOWNSHIP SA			1,355					1,854		BEYOND03
418	340956-03 DELANCO TOWNSHIP SA				1,400				1,915		BEYOND03
420	340370-01 WOODBINE MUA		6,212		3,500				12,630		BEYOND03

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors & Appurtenances

Cat 2 - Advanced Treatment

Cat 5 - Correction of Combined Sewer Overflows

Cat 3 - Sewer System Rehabilitation

Cat 6 - Stormwater Management

PROPOSED FEDERAL FISCAL YEAR 2004 PROJECT PRIORITY LIST

Rank	Loan/Seq No Recipient	Eligible Category Cost Breakdown (Total Building Costs)							Total Eligible Project Costs	Total State Amount	Est St Cert Date
		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
421	340257-02 WOODBURY HEIGHTS BOROUGH			1,345					1,841		BEYOND03
422	340659-01 SEA ISLE CITY			470					667		BEYOND03
423	340263-01 LAWNSIDE BOROUGH						132		193		BEYOND03
424	340970-02 MOONACHIE BOROUGH		160	70					332		BEYOND03
425	340966-04 LAVALETTE BOROUGH						282		405		BEYOND03
426	340849-01 WOODLYNNE BOROUGH			3,203					4,264		BEYOND03
427	340165-01 LIBERTY TOWNSHIP							101	148		BEYOND03
428	340324-01 ALPHA BOROUGH			450					639		BEYOND03
429	340335-01 AVON-BY-THE-SEA BOROUGH			2,782			200		3,973		BEYOND03
429	340335-02 AVON BY THE SEA BOROUGH						250		360		BEYOND03
431	340652-06 NORTH BERGEN MUA				3,000				3,997		BEYOND03
432	340966-03 LAVALETTE BOROUGH			1,856					2,526		BEYOND03
433	340966-02 LAVALETTE BOROUGH			300					430		BEYOND03
434	340713-02 WEYMOUTH TOWNSHIP MUA			400					570		BEYOND03

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 2004 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			
435	340822-01 PEAPACK & GLADSTONE BOROUGH			85					125		BEYOND03
436	340359-01 GREENWICH TOWNSHIP		7,600		1,000				11,199		BEYOND03
437	340567-04 ALLENTOWN BOROUGH	175		225					570		BEYOND03
438	340412-08 DEAL BOROUGH			900					1,259		BEYOND03
439	340848-01 EAST NEWARK BOROUGH			358					511		BEYOND03
440	340876-02 CHESTER BOROUGH	718	132						1,191		BEYOND03
441	340955-01 COMMERCIAL TOWNSHIP	4,200			2,854				9,207		BEYOND03
442	340590-02 BAY HEAD BOROUGH			1,635					2,230		BEYOND03
443	340649-04 PEMBERTON TOWNSHIP MUA						880		1,232	1,232	T 030730
444	340761-02 ROOSEVELT BOROUGH			1,100					1,522		BEYOND03
445	340339-01 TETERBORO BOROUGH						870		1,219		BEYOND03

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors & Appurtenances

Cat 2 - Advanced Treatment

Cat 5 - Correction of Combined Sewer Overflows

Cat 3 - Sewer System Rehabilitation

Cat 6 - Stormwater Management

PROJECT NARRATIVES

NEW JERSEY STATE LIBRARY

Anticipated Recipient	:	RAHWAY VALLEY SA		
Project No.	:	340547-04	Eligible Project Cost:	\$ 5,142,027
FY04 Rank	:	1		
County	:	UNION	Total State Amount	\$ 5,142,027

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	250
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	125
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
Subtotal				300

State Planning Commission	0.00000
Population	0.25000
TOTAL POINTS	800.25000

Project Name, Number

RAHWAY VALLEY SA
340547-04
I/I CORRECTION - OVERFLOW

Priority List Rank

1

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 receives overflows from five (5) separate points owned and operated by member municipalities. Studies indicate that an appreciable impact (lower dissolved oxygen, high fecal coliform and nutrient concentration and toxics pollutants) is experienced only during local storms when flows from the river's upper reaches are low. Storms of high intensity and long duration will wash out the pollutant loadings from the discharges within a period of less than twelve hours and thereby have less of an impact. Primary contact recreation and shellfish harvesting are adversely impacted.

Project Description

The proposed project includes a combination of in-system storage and overflow disinfection to maximize capacity of the combined sewer system and minimize water quality impacts.

Anticipated Recipient	:	PASSAIC VALLEY SC		
Project No.	:	340430-02	Eligible Project Cost:	\$ 100,557,651
FY04 Rank	:	2		
County	:	ESSEX	Total State Amount	: \$ 100,557,651

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	125
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	150

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	250

State Planning Commission	50.00000
Population	1.35000
TOTAL POINTS	701.35000

Project Name, Number

Priority List Rank

PASSAIC VALLEY SC
340430-02
CSO ABATEMENT

2

County

ESSEX

Existing Population

1,350,000

Service Area

East Newark, Harrison, Kearny, Newark, Paterson

Need for Project

Wastewater generated in the PVSC service area is treated at its secondary treatment facility located in the City of Newark. During significant rain events, the PVSC interceptor sewers, adjacent to the Passaic River, overflow into this watercourse resulting in the violation of Water Quality Standards for dissolved oxygen, fecal coliform. High levels of toxics are also experienced. The Passaic River in the project area is classified as SE-2 and SE-3. Currently, the river is used for non-trout fishing and industrial water use. This study will determine the extent of the impacts on the Passaic River resulting from combined sewer overflows and develop solutions to those detrimental impacts documented during the study.

Project Description

The first phase of the combined sewer overflow facility plan for the PVSC District has been completed. Phase II of the facility plan will include detailed analysis and design of alternative control measures. Control alternatives analyzed in Phase I included best management practices, minor regulator modifications, inline storage, offline storage, swiss and helical bond regulators, and instream aeration. Alternative evaluation during the second phase of the facility plan will include the computer analysis and final plan selection. The first phase of the facility plan showed that the major loadings to the Lower Passaic River originated from the Upper Passaic and Saddle Rivers and stormwater runoff in non-CSO areas. The selected plan will provide a solution of the impaired water use (industrial water use and non-trout fishing) which result from CSO's.

Anticipated Recipient	:	OAKLAND BOROUGH		
Project No.	:	340418-03	Eligible Project Cost:	\$ 36,522,885
FY04 Rank	:	3		
County	:	BERGEN	Total State Amount	: \$ 36,522,885

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	350

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	175

State Planning Commission	0.00000
Population	0.01300
TOTAL POINTS	675.01300

Project Name, Number

Priority List Rank

OAKLAND BOROUGH

3

340418-03

STP, INTERCEPTOR, & COLLECTION SYSTEM

County

BERGEN

Existing Population

13,000

Service Area

Borough of Oakland

Need for Project

The area is currently served by septic systems and some small package treatment plants. As treatment requirements increase from Level 4 to Level 5, the plants will be unable to meet their effluent requirements. Ground and surface waters (Ramapo River, FW2-NT), are used for recreation as well as a potable water source, and are being degraded by the failure of existing disposal facilities.

Project Description

The proposed project includes the construction of a wastewater treatment plant, interceptor sewer and collection system. The proposed interceptor sewer and collection system will convey all flows from the six (6) wastewater treatment plants (that will be abandoned) to the proposed wastewater treatment plant.

Anticipated Recipient	:	BRIDGEWATER TOWNSHIP		
Project No.	:	340638-04	Eligible Project Cost:	\$ 1,465,130
FY04 Rank	:	4		
County	:	SOMERSET	Total State Amount	\$ 1,465,130

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	250
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	175

State Planning Commission	25.00000
Population	0.01220
TOTAL POINTS	700.01220

Project Name, Number

Priority List Rank

BRIDGEWATER TOWNSHIP

4

340638-04

I/I CORRECTION - OVERFLOW

County

SOMERSET

Existing Population

12,200

Service Area

Township of Bridgewater

Need for Project

Excessive infiltration in the North Branch trunk sewer results in raw sewage overflows into the North Branch Raritan River, which is classified as FW-2, nontrout and supplies industrial process water. These overflows have contributed to high levels of fecal coliform, bacteria, and nutrients which exceed water quality standards. Toxic levels marginally meet standards. The Bridgewater Township sewerage system overflows occur upstream of an intake to the Elizabethtown Water Company.

Project Description

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

Anticipated Recipient	:	RARITAN BOROUGH		
Project No.	:	340781-04	Eligible Project Cost:	\$ 360,245
FY04 Rank	:	5		
County	:	SOMERSET	Total State Amount	: \$ 360,245

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	250
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	175

State Planning Commission	25.00000
Population	0.00599
TOTAL POINTS	700.00599

Project Name, Number

Priority List Rank

RARITAN BOROUGH

5

340781-04

I/I CORRECTION - OVERFLOW

County

SOMERSET

Existing Population

5,990

Service Area

Raritan Borough

Need for Project

Many of the sewers in the Borough of Raritan are at least 75 years old and have never been rehabilitated. The infiltration/inflow (I/I) resulting from sewer pipe decay is estimated at 40-50 percent of the total flow from the Borough. This condition results in raw sewage overflows which adversely impact the Raritan River by contributing to the elevated nutrient and bacteriological levels in the River, which is classified as FW2-NT. Toxic levels marginally meet existing standards. The River is used as an industrial water supply and as a potable water supply for the Elizabethtown Water Company.

Project Description

The project will include rehabilitating a portion of the existing 20 miles of sewers or replacing that which is beyond repair. It may also be necessary to replace some of the undersized sewers with larger ones. This rehabilitation work will eliminate the sewage overflows from this system and reduce excessive flow into the Somerset-Raritan Valley Sewerage Authority (SRVSA) plant.

Anticipated Recipient :	PASSAIC VALLEY SEWERAGE COMMISSIONERS		
Project No. :	340689-03	Eligible Project Cost:	\$ 63,424,660
FY04 Rank :	6		
County :	ESSEX	Total State Amount :	\$ 63,424,660

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	125
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		150

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
Subtotal				300

State Planning Commission	50.00000
Population	1.35000
TOTAL POINTS	651.35000

Project Name, Number

Priority List Rank

PASSAIC VALLEY SEWERAGE COMMISSIONERS
340689-03
STP IMPROVEMENTS

6

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. Pvsco 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.

Anticipated Recipient : SPARTA TOWNSHIP

Project No. : 340495-03 Eligible Project Cost: \$ 2,853,484

FY04 Rank : 7

County : SUSSEX Total State Amount : \$ 2,853,484

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		<u>150</u>

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		<u>400</u>

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	25
Toxics	0	25	50	25
Subtotal				<u>100</u>

State Planning Commission 0.00000

Population 0.01432

TOTAL POINTS 650.01432

Project Name, NumberPriority List Rank

SPARTA TOWNSHIP

7

340495-03

STP UPGRADES, ON-SITE REHABILITATION

County

SUSSEX

Existing Population

14,320

Service Area

The study area consists of that portion of Sparta Township (48%) which is situated within the Upper Wallkill River Basin. On-site rehabilitation in conjunction with a Septic System Management District would consider the entire Township as a service area during implementation.

Need for Project

All existing point source discharges must be addressed. Should these discharges remain in existence, they must be upgraded to meet the effluent limitations needed to protect existing water quality. In cases of discharge to the Wallkill River (FW2-TM) (Plaza and H.S. #1 and #2 plants), advanced wastewater treatment will be required to diminish any impacts to Franklin Pond, a downstream potable water source for Franklin Borough. Primary contact recreation is also adversely impacted by these discharges. The Wallkill river marginally meets standards for fecal coliform, nutrients and toxics. In addition, the failure rate for individual septic systems is averaging about 3% per year. Many of the existing systems (e.g., cesspool) cannot meet the minimum requirements for subsurface disposal and must be replaced.

Sewage Treatment Plant (STP) Name (NJPBES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Plaza STP (NJ0027057) AST-90%	.030	.040	91.3	12.6	86.0	23.3
Board of Ed.- Alpine School (NJ0027065) AST-95%	.027	.008	97	7.4	93	16
Board of Ed.- H.S. Plant #1 (NJ0027073)	.022	.005	98.6	4.14	97	1.44
Board of Ed.- H.S. Plant #2 (NJ0027081)	.027	.008	87.6	4.2	98	2.56

Project Description

A likely alternative for wastewater disposal in Sparta Township is on-site rehabilitation in conjunction with initiation of septic management district planning. Therefore, the major scope of work for this project would include the upgrading of all existing point source discharges to acceptable treatment levels. This would preclude development of any future point source discharges in Sparta Township for the 20 year planning period.

Anticipated Recipient	:	JEFFERSON TOWNSHIP		
Project No.	:	340747-05	Eligible Project Cost:	\$ 19,158,252
FY04 Rank	:	8		
County	:	MORRIS	Total State Amount	: \$ 19,158,252

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	400

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	225

State Planning Commission	0.00000
Population	0.00869
TOTAL POINTS	675.00869

Project Name, Number

JEFFERSON TOWNSHIP

340747-05

COLLECTION SYSTEM/INDIVIDUAL SYSTEMS

Priority List Rank

8

County

MORRIS

Existing Population

8,690

Service Area

Jefferson Township (Musconetcong River Basin)

Need for Project

Existing on-site systems are failing and may eventually lead to serious health hazards throughout this part of the Township. The failures are occurring because of certain soils limitations: shallow depth to bedrock, high water tables and steep slopes. Repairs have been attempted but with few successful results. A large number of on-site systems border Lake Hopatcong (FW2-TM), a potable water supply, and Lake Shawnee (FW2-TM). These waters are fishable (trout) and primary recreation quality. This portion of Jefferson Township contains two package sewage treatment plants servicing the Consolidated School and the Stanlick School. These systems provide secondary treatment and discharge into tributaries of Lake Hopatcong and Lake Shawnee, respectively. Water quality marginally meets standards for fecal coliform and toxics. Nutrient and D.O. levels violate existing standards.

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
			Reported BOD		Reported SS	
	Design	Present	%	mg/l	%	mg/l
Consolidated School Secondary (NJ0021091)	0.0075	0.01156	97.8	4.35	96.2	4.85
Stanlick School Secondary (NJ0021105)	0.013	0.00138	99.4	1.6	99.1	4.75

If the plan to connect into the Musconetcong Sewer Authority (MSA) is implemented, these two sewage treatment plants will also connect into the MSA.

Project Description

This project includes the construction of a collection system for the Musconetcong River Basin portion of Jefferson which may also include an interceptor, pump station, and force main. Also, a septic system management plan will be recommended for the remaining portion of the Township.

Anticipated Recipient	:	NEWARK CITY		
Project No.	:	340815-05	Eligible Project Cost:	\$ 46,893,423
FY04 Rank	:	9		
County	:	ESSEX	Total State Amount	: \$ 46,893,423

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	125
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		150

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
Subtotal				200

State Planning Commission	50.00000
Population	0.31633
TOTAL POINTS	650.31633

Project Name, Number

NEWARK CITY
340815-05
CSO ABATEMENT

Priority List Rank

9

County

ESSEX

Existing Population

316,330

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: regulator modifications, screening and netting technologies and flow containment.

Anticipated Recipient	:	LOWER TOWNSHIP MUA		
Project No.	:	340810-03	Eligible Project Cost:	\$ 3,135,057
FY04 Rank	:	10		
County	:	CAPE MAY	Total State Amount	\$ 3,135,057

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	125
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	225

State Planning Commission	0.00000
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Population	0.01953
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TOTAL POINTS	625.01953
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Project Name, Number

LOWER TOWNSHIP MUA
340810-03
STP IMPROVEMENTS

Priority List Rank

10

County

CAPE MAY

Existing Population

19,530

Service Area

Lower Township

Need for Project

Studies performed by NJDEP and the Cape May Board of Health have shown a need to find an alternate water source. The U.S. Geological Survey also indicated the need for an alternative water source. The existing discharge adversely impacts primary contact recreation and shellfish harvesting uses. Water quality does not meet standards for fecal coliform and nutrients and marginally meets standards for dissolved oxygen and toxics.

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Lower Township STP (NJ0023809)	4.0	1.44	91.4	18.52	93.4	12.62

Project Description

The proposed solution is to construct a sand filter with an ultraviolet system and distribution system so the water can be used to recharge the local aquifers and halt salt water intrusion. Land application of the effluent to local golf courses and farms will be considered.

Anticipated Recipient	:	WARREN TOWNSHIP SA		
Project No.	:	340964-01	Eligible Project Cost:	\$ 3,997,392
FY04 Rank	:	11		
County	:	SOMERSET	Total State Amount	: \$ 3,997,392

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	25
Toxics	0	25	50	50
Subtotal				225

State Planning Commission	0.00000
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Population	0.00187
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TOTAL POINTS	625.00187
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Project Name, Number

WARREN TOWNSHIP SA
340964-01
STP UPGRADES

Priority List Rank

11

County

SOMERSET

Existing Population

1,870

Service Area

Warren Township

Need for Project

Existing STPs are causing pollution and impacting the Passaic River. The river has potable water, fishing and industrial water uses. The water quality does not meet standards for fecal coliform and toxics and marginally meets standards for dissolved oxygen and nutrients.

Sewage Treatment Plant (STP) Name (NJPDDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Warren Twp SA (Stage I/II) (NJ0022489)	0.47	0.327	96.3	2.9	97.1	1.9
Warren Twp SA (Stage IV) (NJ0022497)	0.80	0.402	96.6	2.8	95.0	5.3
Warren Twp SA (Stage V) (NJ0050369)	0.38	0.094	97.1	2.8	97.8	1.3

Project Description

The Warren Township Sewerage Authority proposes to construct phosphorous reduction facilities at its three STPs.

Anticipated Recipient	:	PASSAIC VALLEY SEWERAGE COMMISSIONERS		
Project No.	:	340689-01	Eligible Project Cost:	\$ 309,092,986
FY04 Rank	:	12		
County	:	ESSEX	Total State Amount	: \$ 309,092,986

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	125
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		150

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
Subtotal				250

State Planning Commission	50.00000
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Population	1.35000
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TOTAL POINTS	601.35000
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Project Name, Number

PASSAIC VALLEY SEWERAGE COMMISSIONERS
340689-01
STP IMPROVEMENTS

Priority List Rank

12

County

ESSEX

Existing Population

1,350,000

Service Area

Parts of Bergen, Essex, Hudson and Passaic Counties

Need for Project

The Passaic Valley Sewerage Commissioners are investigating improvements to their STP, NJPDES No. NJ0021016. Its existing treatment system provides secondary treatment via a Pure Oxygen Activated Sludge process. The PVSC have signed a consent order to implement improvements at its STP. The existing discharge is to the 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.

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Passaic Valley (NJ0021016)	330	292	90.0	20.0	88.0	23.0

Project Description

The proposed project includes the upgrading of secondary treatment facilities and the construction of an effluent dechlorination facility.

Anticipated Recipient	:	MIDDLESEX COUNTY UA		
Project No.	:	340699-03	Eligible Project Cost:	\$ 363,247,172
FY04 Rank	:	13		
County	:	MIDDLESEX	Total State Amount	: \$ 363,247,172

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	125
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200

State Planning Commission	0.00000
Population	0.49657
TOTAL POINTS	600.49657

Project Name, Number

Priority List Rank

MIDDLESEX COUNTY UA
340699-03
OUTFALL CONSTRUCTION

13

County

MIDDLESEX

Existing Population

496,570

Service Area

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

Need for Project

The MCUA treatment plant currently discharges its treated effluent into the Raritan Bay (SE-1) through a submerged outfall constructed in 1958. Despite the initiation of secondary treatment in 1978, this discharge, acting in conjunction with various other discharges, serves to degrade the water quality of the Bay. Fecal coliform and toxics standards are in violation while DO levels are marginally acceptable. This water quality degradation ultimately limits the use of the Bay for its intended uses of shellfish harvesting and primary contact recreation.

Project Description

This project entails the construction of an extended outfall to discharge to the Raritan Bay. The point of discharge will be determined to maximum diffusion and dilution. When this project is constructed, the Bay should be able to be utilized for its intended uses.

Anticipated Recipient	:	CAMDEN CITY		
Project No.	:	340366-06	Eligible Project Cost:	\$ 58,648,610
FY04 Rank	:	14		
County	:	CAMDEN	Total State Amount	\$ 58,648,610

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100

State Planning Commission	50.00000
Population	0.07990
TOTAL POINTS	625.07990

Project Name, Number

CAMDEN CITY
340366-06
CSO ABATEMENT

Priority List Rank

14

County

CAMDEN

Existing Population

79,904

Service Area

City of Camden

Need for Project

The proposed project is needed for compliance with the requirements of the CSO General Permit. The General Permit requires removal of solids/floatables greater than 1/2" in size.

Project Description

The proposed project includes elimination of CSO points through rerouting and installation of solids and floatables controls at CSO points.

Anticipated Recipient	:	POMPTON LAKES BOROUGH MUA		
Project No.	:	340636-04	Eligible Project Cost:	\$ 1,232,571
FY04 Rank	:	15		
County	:	PASSAIC	Total State Amount	: \$ 1,232,571

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
Subtotal				175

State Planning Commission	0.00000
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Population	0.01054
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TOTAL POINTS	575.01054
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Project Name, Number

Priority List Rank

POMPTON LAKES BOROUGH MUA

15

340636-04

STP IMPROVEMENTS, I/I CORRECTION

County

PASSAIC

Existing Population

10,539

Service Area

Pompton Lakes Borough

Need for Project

The existing facilities are approximately 30 years old and are deteriorating rapidly. Improvements are needed to ensure compliance with the NJPDES permit.

Project Description

The project includes the rehabilitation of existing STP structures and equipment, I/I correction work, rehabilitation of existing pumping stations, and an addition to the administration building.

Anticipated Recipient : ORADELL BOROUGH

Project No. : 340835-01 Eligible Project Cost: \$ 295,455

FY04 Rank : 16

County : BERGEN Total State Amount : \$ 295,455

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	250
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		200

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	25
Toxics	0	25	50	25
Subtotal				150

State Planning Commission 0.00000

Population 0.00847

TOTAL POINTS 600.00847

Project Name, Number

Priority List Rank

ORADELL BOROUGH

16

340835-01

I/I CORRECTION - OVERFLOW

County

BERGEN

Existing Population

8,470

Service Area

Oradell Borough

Need for Project

The Borough of Oradell sewer collection system is subject to excessive infiltration/inflow. Peak flows surcharge several manhole covers, with the raw sewage overflow impacting upon the main intake canal of the Hackensack Water Company. Water quality standards are marginally acceptable for DO, fecal coliform, nutrients, and toxics.

Project Description

Minor rehabilitation techniques are proposed to correct the infiltration/inflow problem and eliminate the raw sewage overflows.

Anticipated Recipient	:	PENNSAUKEN TOWNSHIP		
Project No.	:	340349-03	Eligible Project Cost:	\$ 5,308,104
FY04 Rank	:	17		
County	:	CAMDEN	Total State Amount	: \$ 5,308,104

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100

State Planning Commission	0.00000
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Population	0.03474
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TOTAL POINTS	575.03474
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Project Name, Number

PENNSAUKEN TOWNSHIP
340349-03
CSO ABATEMENT

Priority List Rank

17

County

CAMDEN

Existing Population

34,740

Service Area

Township of Pennsauken

Need for Project

A portion of Pennsauken Township is served by combined storm and sanitary sewers. During high intensity rainfalls, the capacity of the system is exceeded resulting in sanitary sewer overflows into homes, streets and waterways. The existing situation results in sewage discharges to the Back Channel of the Delaware River near the Cooper River. Public water supply, shellfish, agricultural and industrial water uses are adversely impacted. Water quality in the area of the discharge marginally meets standards for dissolved oxygen, nutrients and toxics.

Project Description

The project involves the construction of a large diameter storm sewer along Browning Avenue from Route 130/Madison Avenue to the Delaware River to prevent flow from entering the combined sewer system and the Camden City system, stormwater detention facilities to detain stormwater prior to its entering the combined system, the separation of the sanitary and storm sewer systems in portions of the Township and the enlargement of the existing storm sewer system to handle a greater capacity.

Anticipated Recipient	:	MEDFORD LAKES BOROUGH		
Project No.	:	340463-06	Eligible Project Cost:	\$ 4,135,382
FY04 Rank	:	18		
County	:	BURLINGTON	Total State Amount	: \$ 4,135,382

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		150

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
Subtotal				250

State Planning Commission	0.00000
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Population	0.00500
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TOTAL POINTS	550.00500
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Project Name, Number

MEDFORD LAKES BOROUGH

340463-06

STP UPGRADE

County

BURLINGTON

Priority List Rank

18

Existing Population

5,000

Service Area

Medford Lakes Borough, portions of Medford Township

Need for Project

The Rancocas Creek and the lakes in the headwaters of the Haynes Creek are classified as FW2-NT nontrout waters with primary contact recreational uses. The existing water quality does not meet standards for fecal coliform, nutrients and toxics and marginally meets standards for dissolved oxygen. The effluent from the existing wastewater treatment facilities have exceeded the assimilative capacity of the stream and the facilities do not afford the degree of treatment to safely accommodate the current and future population within the service area. The project is needed to provide advanced wastewater treatment in order to comply with the Borough's NJPDES permit and ACO requirements. The following is the existing inventory of the wastewater facilities:

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
			Reported BOD		Reported SS	
	Design	Present	%	mg/l	%	mg/l
Medford Lakes Borough (NJ0021326)	0.55	0.41	89.7	19.3	95.6	5.1

Project Description

The proposed project consists of the construction of a new "Bardenpho" treatment process (biological treatment for BOD, SS and nutrient removal) combined with rapid sand filters for effluent polishing and the demolition of existing Imhoff tanks, trickling filter and slow sand filter.

The ultimate sludge disposal will be incorporated into the county-wide sludge management facility.

Anticipated Recipient : BERGEN COUNTY UA

Project No. : 340768-03 Eligible Project Cost: \$ 16,647,447

FY04 Rank : 19

County : BERGEN Total State Amount : \$ 16,647,447

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
Subtotal				250

State Planning Commission 0.00000

Population 0.49114

TOTAL POINTS 550.49114

Project Name, Number

BERGEN COUNTY UA
340768-03
CSO ABATEMENT

Priority List Rank

19

County

BERGEN

Existing Population

491,140

Service Area

Bergenfield, Bogota, Carlstadt, Cliffside Park, Closter, Cresskill, Demarest, Dumont, East Rutherford, Emerson, Englewood, Englewood Cliffs, Fairview, Fort Lee, Hackensack, Harrington Park, Hasbrouck Heights, Haworth, Hillsdale, Leonia, Little Ferry, Maywood, Montvale, Moonachie, New Milford, Northvale, Norwood, Oradell, Palisades Park, Paramus, Park Ridge, Ridgefield, Ridgefield Park, River Edge, River Vale, Rochelle Park, South Hackensack, Teaneck, Tenafly, Teterboro, Washington, Westwood, Woodcliff Lake, Rutherford and Wood-Ridge

Need for Project

Due to system capacity limitations, combined sewage surcharges and overflows into SE2 and FW2-NT waters. This results in excessive solids and bacteria levels, and floating sewage during wet and dry weather conditions.

Project Description

Elimination of dry weather overflows in combined and separate sewer systems, and repairs to tide gates, would be the first order of priority to mitigate the impact on the receiving streams. Secondly, there is a need to provide more sewage capacity to handle peak flows, which might require diversion of stream sewage flows to interceptors with available capacity, or parallel sewers, to relieve downstream surcharging and overflows. Any recommended improvements to the combined sewer regulators in Fort Lee, Hackensack and Ridgefield Park will be a part of the overall project.

Anticipated Recipient : JERSEY CITY MUA

Project No. : 340928-03 Eligible Project Cost: \$ 47,046,859

FY04 Rank : 20

County : HUDSON Total State Amount : \$ 47,046,859

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				200

State Planning Commission 50.00000

Population 0.24006

TOTAL POINTS 550.24006

Project Name, Number

Priority List Rank

JERSEY CITY MUA
340928-03
CSO ABATEMENT

20

County

HUDSON

Existing Population

240,055

Service Area

Jersey City, Kearny, Secaucus

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 construction of a grit chamber on the interceptor just downstream of the CSO regulator to collect and remove inorganic material that could potentially clog the interceptor and cause DWOs. The MUA also proposes to construct a new pump station, sewer line, and force main to handle sanitary flows while separating out the stormwater flow.

Anticipated Recipient	:	RIDGEFIELD PARK VILLAGE		
Project No.	:	340688-04	Eligible Project Cost:	\$ 16,713,680
FY04 Rank	:	21		
County	:	BERGEN	Total State Amount	\$ 16,713,680

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
Subtotal				250

State Planning Commission	0.00000
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Population	0.01287
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TOTAL POINTS	550.01287
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Project Name, Number

Priority List Rank

RIDGEFIELD PARK VILLAGE
340688-04
CSO ABATEMENT

21

County

BERGEN

Existing Population

12,873

Service Area

Village of Ridgefield Park

Need for Project

Ridgefield Park has a combined sewer system and is investigating disinfection as a long-term-control measure for CSO discharges.

Project Description

The proposed project includes construction of facilities to capture and treat discharges from 6 combined sewer overflow discharge points.

NEW JERSEY STATE LIBRARY

Anticipated Recipient	:	WARREN CO-PAULINSKILL/BLAIRSTOWN		
Project No.	:	340453-03	Eligible Project Cost:	\$ 2,607,692
FY04 Rank	:	22		
County	:	WARREN	Total State Amount	: \$ 2,607,692

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

<u>III. WATER USE/WATER QUALITY POINTS</u>		
<u>A. Water Use</u>		
Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	0
	Subtotal	225

<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	150

State Planning Commission	0.00000
Population	0.00489
TOTAL POINTS	525.00489

Project Name, Number

WARREN CO-PAULINSKILL/BLAIRSTOWN
340453-03
STP, INTERCEPTOR, PUMPING STATION

Priority List Rank

22

County

WARREN

Existing Population

4,890

Service Area

Blairstown Township

Need for Project

Portions of Blairstown have documented septic failure which may eventually lead to health problems. It was determined that the fecal coliform count violates the water quality standards and marginally meets standards for nutrients and toxics. At present, there are two privately owned and operated STP's in the study area. At the time the regional facilities become available the existing plants will tie into it. North Warren Regional High School is occasionally in noncompliance with their NJPDES permit requirements, which indicates inadequate secondary treatment. Primary contact recreation and agricultural water use are adversely impacted. This project is proposed in order to meet the stringent requirements established for the receiving waters.

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Blair Academy (Secondary) (NJ0022101)	0.050	0.008	96.1	5.2	90.7	7.4
North Warren Regional High School (Secondary) (NJ0031046)	0.005	0.007	92.8	15.8	94.0	9.7

Project Description

The selected plan for this project will include a sewage treatment plant, interceptor, pump station, force main and possible sludge/septage management.

Anticipated Recipient	:	PATERSON CITY		
Project No.	:	340926-01	Eligible Project Cost:	\$ 44,376,955
FY04 Rank	:	23		
County	:	PASSAIC	Total State Amount	: \$ 44,376,955

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	175

State Planning Commission	50.00000
Population	0.13800
TOTAL POINTS	525.13800

Project Name, Number

Priority List Rank

PATERSON CITY
340926-01
CSO ABATEMENT

23

County

PASSAIC

Existing Population

138,000

Service Area

Paterson

Need for Project

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

Project Description

The proposed project includes work at 28 discharge points. 11 discharge points will have end-of-pipe or in-line nets or romag screens alone or in combination with nets or static bar screens. Eight discharge points will be seperated; two of these discharge points have numerous internal overflow points and will also have screens at some of those points. 5 discharege points will be abandoned, and two will be diverted. Two discharge points have undecided resolution.

Anticipated Recipient	:	RIVERTON BOROUGH		
Project No.	:	340275-01	Eligible Project Cost:	\$ 914,970
FY04 Rank	:	24		
County	:	BURLINGTON	Total State Amount	\$ 914,970

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100

State Planning Commission	0.00000
Population	0.00278
TOTAL POINTS	500.00278

Project Name, Number

RIVERTON BOROUGH
340275-01
STP IMPROVEMENTS

Priority List Rank

24

County

BURLINGTON

Existing Population

2,775

Service Area

Riverton Borough

Need for Project

The existing STP was constructed in the early 1950's and is becoming obsolete. The Borough's STP discharges to the Delaware River and impacts potable water, fishable-nontrot and agricultural water uses. Water quality marginally meets standards for dissolved oxygen and fecal coliform.

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Riverton Borough STP (NJ0021610)	0.22	0.204	97.4	14.3	93.4	17.6

Project Description

The proposed project involves the construction of a new wastewater treatment plant utilizing a sequencing batch reactor process.

Anticipated Recipient	:	MIDDLESEX COUNTY UA		
Project No.	:	340699-05	Eligible Project Cost:	\$ 224,459,094
FY04 Rank	:	25		
County	:	MIDDLESEX	Total State Amount	: \$ 224,459,094

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	125
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200

State Planning Commission	0.00000
Population	0.69438
TOTAL POINTS	500.69438

Project Name, Number

MIDDLESEX COUNTY UA
340699-05
STP UPGRADE

Priority List Rank

25

County

MIDDLESEX

Existing Population

694,380

Service Area

Most of Middlesex County and parts of Somerset and Union Counties

Need for Project

MCUA's existing wastewater treatment plant requires future expansion particularly for treating maximum daily and peak hourly flows. The Authority has initiated work on plant expansion in order to be able to treat current and future projected flows to assure compliance with its NJPDES permit limitations.

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

Project Description

In order to treat the projected increase in service area flows, capacity expansion is necessary to increase the rated capacity of the plant to 180 mgd. Additional facilities include new final settling tanks, new aerated grit chambers, modification of the existing grit chambers, new primary settling tanks and associated pipe galleries. These improvements will improve the efficiency and maintainability of the plant. Other improvements include modifications to the existing UNOX tanks, conversion of the existing aerobic digesters into UNOX tanks, and upgrading and replacement of existing obsolete instrumentation and control systems.

The plant currently uses chlorine for disinfection. In order to eliminate the chlorine residuals, an ozone disinfection system was piloted and was demonstrated to be viable and suitable for implementation.

Anticipated Recipient :	HUDSON COUNTY UA (HOBOKEN)		
Project No. :	340399-09	Eligible Project Cost:	\$ 14,038,507
FY04 Rank :	26		
County :	HUDSON	Total State Amount :	\$ 14,038,507

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200

State Planning Commission	0.00000
Population	0.19444
TOTAL POINTS	500.19444

Project Name, Number

Priority List Rank

HUDSON COUNTY UA (HOBOKEN)
340399-09
CSO ABATEMENT

26

County

HUDSON

Existing Population

194,440

Service Area

Guttenberg, Hoboken, Union City, Weehawken, West New York (HCUA Planning Area III)

Need for Project

The combined sewer overflows in the planning area discharge to the Hudson River. The designated water uses for the Hudson River 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 has been 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 the continuous diversion of dry and wet weather sanitary sewer flows to the river. The combined sewer system, which is 100+ years old, contains collapsing sewer lines, and regulators and tide gates that are deteriorated and stuck. This condition has resulted in diversions of sewage flows to the river and intrusion of tidal flows into the system and treatment works.

Project Description

The construction of in-line storage facilities utilizing existing sewers is planned for Hoboken. In West New York, the construction of swirl concentrators is proposed. Studies indicate that facilities to abate pollution in Union City and Weehawken would not be cost effective.

Although this project has not been formally adopted by HCUA, studies indicate that this work is the most cost effective solution to pollution abatement.

The rehabilitation of tide gates and regulation in Hoboken, Weehawken and Union City has been funded under Marine CSO funds. However, the major portion of the project in this planning area has not been funded.

Anticipated Recipient	:	LINDEN-ROSELLE SA		
Project No.	:	340299-04	Eligible Project Cost:	\$ 12,027,071
FY04 Rank	:	27		
County	:	UNION	Total State Amount	\$ 12,027,071

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	250
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
Subtotal				200

State Planning Commission	0.00000
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Population	0.10070
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TOTAL POINTS	500.10070
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Project Name, Number

Priority List Rank

LINDEN-ROSELLE SA

27

340299-04

I/I CORRECTION - OVERFLOW

County

UNION

Existing Population

100,700

Service Area

The planning area includes the City of Linden and the Borough of Roselle

Need for Project

The Authority is required to complete a rehabilitation program to eliminate discharge points 003 and 004, and a sewer separation program to eliminate discharge points 001 and 002 as per the Part IIb Special Conditions of the existing grant No. C340299-01. These discharges affect the quality of the Rahway River (SE-3). Fishable non-trout and industrial water uses are presently impacted due to fecal coliform, toxics, and DO (marginal) levels being unacceptable.

Project Description

The project is for the construction of relief sewers to enable the LRSA to eliminate discharge points 003 and 004 in the City of Linden. Elimination of these discharge points will improve water quality in the receiving stream. The alignment of relief sewers falls within the Wheeler Park Easement. This project requires the approval from Green Acres.

Anticipated Recipient : BAYONNE MUA

Project No. : 340399-26 Eligible Project Cost: \$ 73,637,105

FY04 Rank : 28

County : HUDSON Total State Amount : \$ 73,637,105

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	50
Subtotal				200

State Planning Commission 0.00000

Population 0.06184

TOTAL POINTS 500.06184

Project Name, Number

BAYONNE MUA
340399-26
CSO ABATEMENT

Priority List Rank

28

County

HUDSON

Existing Population

61,842

Service Area

City of Bayonne

Need for Project

The City of Bayonne has a combined sewer system that is more than 75 years old. The MUA is investigating disinfection as a long-term-control measure for CSO discharges.

Project Description

The proposed project includes construction of facilities to capture and treat discharges from 33 combined sewer overflow discharge points.

Anticipated Recipient	:	KEARNY TOWN		
Project No.	:	340259-02	Eligible Project Cost:	\$ 3,997,392
FY04 Rank	:	29		
County	:	HUDSON	Total State Amount	\$ 3,997,392

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	200

State Planning Commission	0.00000
Population	0.03487
TOTAL POINTS	500.03487

Project Name, Number

KEARNY TOWN
340259-02
CSO ABATEMENT

Priority List Rank

29

County

HUDSON

Existing Population

34,874

Service Area

Uplands area of the Town of Kearny

Need for Project

The proposed project is needed for compliance with the requirements of the CSO General Permit. The General Permit requires removal of solids/floatables greater than 1/2" in size.

Project Description

The proposed project includes either the installation of in-line netting chambers, end of pipe netting, or sewer separation for eight CSOs discharging into Franks Creek and the Passaic River.

Anticipated Recipient : RIDGEWOOD VILLAGE

Project No. : 340639-05 Eligible Project Cost: \$ 2,075,987

FY04 Rank : 30

County : BERGEN Total State Amount : \$ 2,075,987

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	250
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
Subtotal				200

State Planning Commission 0.00000

Population 0.02486

TOTAL POINTS 500.02486

Project Name, Number

Priority List Rank

RIDGEWOOD VILLAGE

30

340639-05

I/I CORRECTION - OVERFLOW

County

BERGEN

Existing Population

24,860

Service Area

Village of Ridgewood

Need for Project

An Infiltration/Inflow (I/I) analysis has been completed which documents the existence of excessive I/I within the service area. An additional study will be undertaken to further define the quantity of excessive I/I that can be cost-effectively removed from this system. This project is needed to eliminate periodic overflow, causing discharge of untreated sewage into the HoHoKus and Diamond Brooks (FW2-NT, previously FW-2) which is adversely affecting the quality of these waterways, and posing a potential public health problem. The brooks have fishing and industrial uses. The affected waterways do not meet standards for fecal coliform and toxics, and marginally meets the dissolved oxygen standard.

Project Description

The proposed project will consist of 820 feet of gravity sewers and 8,400 feet of force main. Three pumping stations will be modified - Ridgewood Lawns P.S.; Bellair Road P.S. and Andover P.S. These mechanical improvements will enable the pump stations to handle additional sewage flows previously bypassed. These improvements are currently being designed.

Anticipated Recipient	: JEFFERSON TOWNSHIP		
Project No.	: 340747-02	Eligible Project Cost:	\$ 1,952,637
FY04 Rank	: 31		
County	: MORRIS	Total State Amount	: \$ 1,952,637

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		200

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	50
Toxics	0	25	50	25
Subtotal				125

State Planning Commission	0.00000
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Population	0.01671
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TOTAL POINTS	475.01671
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Project Name, Number

JEFFERSON TOWNSHIP

340747-02

PUMP STATION, FORCE MAIN, COLLECTION SYSTEM

Priority List Rank

31

County

MORRIS

Existing Population

16,710

Service Area

Jefferson Township

Need for Project

The need for the development of a wastewater management plan for the Township of Jefferson has resulted from problems being experienced with existing on-site disposal systems. These systems are adversely affecting fishable trout and primary contact recreation waters, and the limited ability of four small treatment plants to provide adequate treatment. Fecal coliform and toxics levels are marginally acceptable and nutrients levels are totally unacceptable. Also, the sludge generated is being stored in an old tank on-site at the White Rock Lake STP, which is an unsatisfactory sludge disposal method. The receiving stream is a tributary of Mitt Pond which ultimately flows in the Boonton reservoir. High and Middle School discharges to Russia Brook (FW2-TM).

Sewage Treatment Plant (STP) Name (NJPDDES #)	Flow (mgd)		Effluent			
			Reported BOD		Reported SS	
	Design	Present	%	mg/l	%	mg/l
High and Middle School (secondary)	0.28	Not Available	99.6	5.96	99.9	7.15
White Rock Lake (AWT) (NJ0026867)	0.155	0.0621	98.7	6.375	95.7	5.0

Project Description

Jefferson Township performed a 201 Study for portions of Jefferson which lie both in the Rockaway Basin and Upper Musconetcong Basin (See C340747-05 for description of the Musconetcong plan). The proposed plan for Rockaway consists of expansion and upgrading of the existing White Rock Lake STP to 250,000 gpd and using the oxidation ditch process. Wastewater from the Cozy Lake, Lake Swannomoa and the White Rock Lake areas would be treated there. The proposed facility would include a pumping station, force main, interceptor and collection system.

Anticipated Recipient : GUTTENBERG TOWN

Project No. : 340854-02 Eligible Project Cost: \$ 376,252

FY04 Rank : 32

County : HUDSON Total State Amount : \$ 376,252

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
Subtotal				200

State Planning Commission 0.00000

Population 0.00827

TOTAL POINTS 500.00827

Project Name, Number

Priority List Rank

GUTTENBERG TOWN
340854-02
CSO ABATEMENT

32

County

HUDSON

Existing Population

8,268

Service Area

Guttenberg

Need for Project

The combined sewer overflow in the planning area discharges to the Hudson River. The designated water uses for the Hudson River 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 has been 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.

Project Description

The proposed project involves the construction of solids/floatables control measures at the combined sewer overflow point located off River Road, which discharges to the Hudson River.

Anticipated Recipient	:	WRIGHTSTOWN (WRIGHTSTOWN MUA)		
Project No.	:	340925-01	Eligible Project Cost:	\$ 3,866,213
FY04 Rank	:	33		
County	:	BURLINGTON	Total State Amount	: \$ 3,866,213

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	275

State Planning Commission	0.00000
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Population	0.00315
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TOTAL POINTS	475.00315
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Project Name, Number

WRIGHTSTOWN (WRIGHTSTOWN MUA)
340925-01
STP UPGRADE

Priority List Rank

33

County

BURLINGTON

Existing Population

3,150

Service Area

Wrightstown

Need for Project

The 0.2 mgd treatment plant in Wrightstown must be upgraded to meet required water quality standards; the plant will also be expanded. The treatment plant discharges to North Run, thence to Crosswicks Creek. The waters do not meet water quality standards for dissolved oxygen, fecal coliform, or nutrients, and levels of toxics are only marginally acceptable. Thus, use of these waters for non-trout fishing and agriculture are adversely impacted.

Sewage Treatment Plant (STP) Name (NJPDDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Wrightstown STP (NJ0022985)	0.2	0.155	98.4	2.4	99.1	5.0

Project Description

The proposed project will upgrade the plant's secondary treatment processes. A pump station and emergency generator will be installed. The following process units will also be added to the existing facilities: nitrification/denitrification, sludge dewatering and handling, ultraviolet disinfection, and 24-hour composite sample controls.

Anticipated Recipient : BERGEN COUNTY UA

Project No. : 340386-04 Eligible Project Cost: \$ 86,505,939

FY04 Rank : 34

County : BERGEN Total State Amount : \$ 86,505,939

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
Subtotal				250

State Planning Commission 0.00000

Population 0.49114

TOTAL POINTS 450.49114

Project Name, Number

BERGEN COUNTY UA
340386-04
STP IMPROVEMENTS

Priority List Rank

34

County

BERGEN

Existing Population

491,140

Service Area

The BCUA currently serves 46 municipalities.

Need for Project

The effluent from the BCUA treatment plant is discharged into the Hackensack River classified as SE waters, which is a tidal estuary below the Oradell Reservoir dam. Water quality in the Hackensack River violates standards for dissolved oxygen, fecal coliform and toxics. In addition, the NJDEP has indicated that the tidal Hackensack River is "water quality limited". Therefore, better than secondary treatment will be required for continued discharging into the Hackensack River.

Sewage Treatment Plant (STP) Name (NJPDDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
BCUA (NJ0020028)	75	77.3	95.5	7.05	86.6	22.3

Project Description

BCUA has developed a facilities plan to identify and evaluate the most cost-effective system to meet the desired water quality standards. Considered for implementation was upgrading the BCUA treatment plant to Level 3 and continue discharging into Hackensack River versus remaining at present treatment capabilities and constructing a trunk line discharging into the Hudson River. The Hudson River discharge was recommended as most cost effective.

Anticipated Recipient : NORTH BERGEN MUA

Project No. : 340399-20 Eligible Project Cost: \$ 38,083,680

FY04 Rank : 35

County : HUDSON Total State Amount : \$ 38,083,680

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
Subtotal				250

State Planning Commission 0.00000

Population 0.04600

TOTAL POINTS 450.04600

Project Name, Number

NORTH BERGEN MUA
340399-20
STP UPGRADE

Priority List Rank

35

County

HUDSON

Existing Population

46,000

Service Area

North Bergen

Need for Project

The Township of North Bergen-Central WWTF will be required to meet "Level 3" treatment. The plant discharges to the Cromakill Creek Tributary-Hackensack River (SE-2). DO and fecal coliform levels are unacceptable and toxics marginally acceptable. The existing STP is also in need of extensive rehabilitation. The receiving waterway has industrial water uses as well as freshwater fishery (non-trout) uses.

Sewage Treatment Plant (STP) Name (NJPDDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Township of North Bergen; Central-WWTF (NJ0034339)	10	5.72	85.8	29.5	85.2	26.2

Project Description

The proposed project includes the replacement of the rotating biological contractors with activated sludge in combination with grit removal. The project also includes the upgrade of the influent pump station, construction of chlorine contact tanks, a screening building, four primary clarifiers, a new operations building, sludge thickening/storage facilities, a new electrical system, and a plant-wide SCADA control system.

Anticipated Recipient	:	SUSSEX COUNTY MUA (POCHUCK)		
Project No.	:	340503-03	Eligible Project Cost:	\$ 10,967,931
FY04 Rank	:	36		
County	:	SUSSEX	Total State Amount	: \$ 10,967,931

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	0
Subtotal		225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	25
Toxics	0	25	50	25
Subtotal				200

State Planning Commission	0.00000
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Population	0.01193
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TOTAL POINTS	475.01193
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Project Name, Number

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

Priority List Rank

36

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.

Anticipated Recipient	:	HAMILTON TOWNSHIP		
Project No.	:	340898-01	Eligible Project Cost:	\$ 10,686,034
FY04 Rank	:	37		
County	:	MERCER	Total State Amount	: \$ 10,686,034

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	25
	Subtotal	75

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	200

State Planning Commission	0.00000
Population	0.09542
TOTAL POINTS	425.09542

Project Name, Number

HAMILTON TOWNSHIP
340898-01
STP IMPROVEMENTS

Priority List Rank

37

County

MERCER

Existing Population

95,420

Service Area

Hamilton Township, Washington Township, 31% of West Windsor Township

Need for Project

The effluent from the existing treatment plant is not meeting water quality standards for ammonia, required under the NJPDES permit conditions. The Hamilton Township facility discharges into Crosswicks Creek (FW2-NT) classified as fishable, non-trout which also has agricultural and industrial uses; this water body does not meet standards for fecal coliform and nutrients and is marginally acceptable for dissolved oxygen.

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Hamilton Twp. (NJ0026301)	16.0	10.2	91.4	16	94.1	12.3

Project Description

The proposed project involves the construction of an addition to the existing wastewater treatment plant for treatment of ammonia to comply with water quality standards.

Anticipated Recipient	:	ATLANTIC COUNTY UA		
Project No.	:	340809-08	Eligible Project Cost:	\$ 1,640,997
FY04 Rank	:	38		
County	:	ATLANTIC	Total State Amount	: \$ 1,640,997

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	125
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.16367
TOTAL POINTS	400.16367

Project Name, Number

Priority List Rank

ATLANTIC COUNTY UA
340809-08
STP IMPROVEMENTS

38

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

Improvements to the STP are needed to ensure operational reliability and component integrity. Certain process equipment must be replaced or improved. The existing discharge to the Atlantic Ocean has the potential to adversely impact shellfish and recreational uses.

Project Description

The project involves (1) upgrade of the existing sludge incinerator air pollution control system, (2) replacement of the three return activated sludge (RAS) screw pumps, (3) replacement of wastewater treatment plant scum concentrator, (4) installation of five primary clarifier covers with odor control system, (5) replacement and relocation of the plant washdown pumps, (6) installation of two drywells and four pumps to accommodate the scrubber supply and drainage system and (7) ultraviolet effluent treatment.

Anticipated Recipient	:	NEPTUNE TOWNSHIP SA		
Project No.	:	340410-05	Eligible Project Cost:	\$ 10,684,529
FY04 Rank	:	39		
County	:	MONMOUTH	Total State Amount	: \$ 10,684,529

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	125
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.03473
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TOTAL POINTS	400.03473
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Project Name, Number

Priority List Rank

NEPTUNE TOWNSHIP SA
340410-05
STP UPGRADE

39

County

MONMOUTH

Existing Population

34,727

Service Area

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

Need for Project

The Authority's treatment plant has struggled to meet the permit limitations for the toxicity of its discharge.

Project Description

The proposed project includes installation of a BIOFOR-N biological aeration system to provide tertiary for the Authority's effluent.

Anticipated Recipient	:	EVESHAM MUA (WOODSTREAM)		
Project No.	:	340463-05	Eligible Project Cost:	\$ 7,132,162
FY04 Rank	:	40		
County	:	BURLINGTON	Total State Amount	: \$ 7,132,162

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200

State Planning Commission	0.00000
Population	0.02867
TOTAL POINTS	400.02867

Project Name, Number

EVESHAM MUA (WOODSTREAM)
340463-05
STP, INTERCEPTOR

Priority List Rank

40

County

BURLINGTON

Existing Population

28,670

Service Area

Evesham Township (Woodstream)

Need for Project

The South Branch of the Pennsauken Creek is classified as FW2-NT nontrout waters with industrial water use. The existing water quality is violated for fecal coliform and toxics with marginal violation of dissolved oxygen. The effluent from the existing wastewater treatment facilities have exceeded the assimilative capacity of the stream and the facilities do not afford the degree of treatment to safely accommodate the current and future population within the Project Area. The following is the existing inventory of the wastewater facilities:

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Woodstream (NJ0024040)	1.25	0.91	96.8	10.9	99.1	3.3

Project Description

This project is to provide a cost effective regional sewerage system for the Southwest Branch Rancocas Creek drainage basin. Implementation of the project will accomplish the attainment of water quality in area streams, the prevention of health hazards and the protection of the environment. Presently, the facility planning effort is evaluating the various alternatives which will accommodate the required levels of treatment necessary to alleviate the pollution problem. The alternatives which can be implemented are land disposal, discharge to the confluence of the Southwest Branch or discharge at the present location. The ultimate sludge disposal will be incorporated into the on-going countywide sludge and septage management plan recommendations.

Anticipated Recipient : SUSSEX COUNTY MUA

Project No. : 340941-01 Eligible Project Cost: \$ 6,614,815

FY04 Rank : 41

County : SUSSEX Total State Amount : \$ 6,614,815

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	25
Subtotal		125

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	25
Toxics	0	25	50	0
Subtotal				125

State Planning Commission 0.00000

Population 0.02037

TOTAL POINTS 400.02037

Project Name, NumberPriority List Rank

SUSSEX COUNTY MUA
340941-01
COLLECTION SYSTEM

41

County

SUSSEX

Existing Population

20,370

Project Name, NumberPriority List Rank

Sussex County MUA
340941-01
STP Upgrade

67

County

Sussex

Service Area

Boroughs of Hamburg and Franklin, Portions of Hardyston and Vernon Townships

Existing Population

20,635

Need for Project

NJDEP interpretation of their current Anti-Degradation Policy has resulted in proposed (draft) NJPDES permit effluent limitations which are beyond the treatment capabilities of the SCMUA Upper Wallkill Water Pollution Control Facilities (NJ0053350). This plant, which was planned, designed and constructed under the Federal Grants program, is a 2.5 mgd advanced secondary activated sludge facility which discharges to the Wallkill River (FW-2TM). The discharge adversely impacts freshwater (trout), agricultural and industrial water uses. Water quality does not meet standards for fecal coliform and marginally meets standards for nutrients. Sludge disposal is accomplished on-site via composting.

STP (level of treatment)	Flow (mgd)		Effluent	
	Design	Present	BOD Reported % - mg/l	SS Reported % - mg/l
Upper Wallkill STP NJ0053350	2.5	1.072	97.63 - 6.2*	97.88 - 6*

* Effluent levels achieved by utilizing entire 2.5 mgd capacity for increased aeration and secondary clarification at current flow rate.

Project Description

To meet NJPDES effluent limitations at the permitted flow of 2.5 mgd, the proposed project consists of construction modifications to upgrade existing treatment capabilities. This may include increased process aeration and clarification unit(s), and the addition of multi-media filtration. Evaluation and selection of treatment alternatives is to be addressed in the Project Report.

Anticipated Recipient	:	CHESTERFIELD TOWNSHIP		
Project No.	:	340944-01	Eligible Project Cost:	\$ 3,033,691
FY04 Rank	:	42		
County	:	BURLINGTON	Total State Amount	\$ 3,033,691

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	5.00000
Population	0.00710
TOTAL POINTS	380.00710

Project Name, Number

Priority List Rank

CHESTERFIELD TOWNSHIP

42

340944-01

STP

County

BURLINGTON

Existing Population

7,100

Service Area

Village of Crosswicks and certain areas of Chesterfield Township

Need for Project

The draft Township Master Plan has been developed to implement a Transfer of Development Rights (TDR) program to preserve agricultural lands in the Township. This program requires establishing a high density receiving zone which requires public sewerage service. The regional STP is in need of improvements and expansion to handle new flows.

Project Description

The proposed project consists of improvements to the Wagner Youth Correction Facility STP to address the flows and improve treatment capabilities.

Anticipated Recipient	:	ATLANTIC COUNTY UA		
Project No.	:	340809-09	Eligible Project Cost:	\$ 2,718,518
FY04 Rank	:	43		
County	:	ATLANTIC	Total State Amount	\$ 2,718,518

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	125
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	125

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100

State Planning Commission	0.00000
Population	0.16367
TOTAL POINTS	375.16367

Project Name, Number

Priority List Rank

ATLANTIC COUNTY UA
340809-09
STP IMPROVEMENTS

43

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

Improvements to the STP are needed to ensure operational reliability and component integrity. Certain process equipment must be replaced or improved. The existing discharge to the Atlantic Ocean has the potential to adversely impact shellfish and recreational uses.

Project Description

The project involves (1) installation of new variable speed drive units to replace existing single speed drive units controlling 500hp effluent pumps allowing the equalization basin to be taken off line for maintenance and cleaning (2) installation of a new bar screen and conveyor system to reduce rags and solids from passing through the process system (3) installation of a CEM/DAS system to monitor the sludge furnace emission levels of oxygen and carbon-dioxide (4) replacement of the centrifuge back drive units with new units and a control panel for automatic torque control for higher efficiency (5) replacement of Dezurik valves to prevent leaking and the cross contamination of processes (6) installation of a supervisor computer and data acquisition system (SCATA) to electronically optimize unit processes (7) replacement and relocation of the plant washdown pumps and (8) sludge hopper enlargement. This project also includes minor necessary improvements to ensure operational reliability.

Anticipated Recipient	:	ROCKAWAY VALLEY RSA		
Project No.	:	340821-04	Eligible Project Cost:	\$ 9,782,685
FY04 Rank	:	44		
County	:	MORRIS	Total State Amount	: \$ 9,782,685

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	250

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.12063
TOTAL POINTS	400.12063

Project Name, Number

Priority List Rank

ROCKAWAY VALLEY RSA

44

340821-04

STP

County

MORRIS

Existing Population

120,630

Service Area

Boonton Town, Boonton Township, Denville, Dover, Jefferson (48%),
Kinnelon (32%), Mine Hill (65%), Randolph (78%), Rockaway Borough,
Rockaway Township, Roxbury, Victory Gardens, Wharton

Need for Project

Rockaway Valley Regional Sewerage Authority is proposing improvements to its treatment facility to ensure continued compliance with the current NJPDES effluent parameter for CBOD as flows increase to the current design flow. The project will also provide advanced phosphorous reduction capability as well as significantly lowering nitrate levels in Rockaway River.

Project Description

The proposed project includes the construction of advanced wastewater treatment facilities at the existing RVRSA treatment plant. The new facilities will consist of chemical addition equipment, process reactors, and advanced solids/liquid separation treatment facilities.

Anticipated Recipient	:	PENNSVILLE SA		
Project No.	:	340870-02	Eligible Project Cost:	\$ 7,211,095
FY04 Rank	:	45		
County	:	SALEM	Total State Amount	: \$ 7,211,095

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

<u>III. WATER USE/WATER QUALITY POINTS</u>		
<u>A. Water Use</u>		
Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	25
			Subtotal	175

State Planning Commission	0.00000
Population	0.01500
TOTAL POINTS	375.01500

Project Name, Number

Priority List Rank

PENNSVILLE SA

45

340870-02

STP UPGRADE, COLLECTION SYSTEM

County

SALEM

Existing Population

15,000

Service Area

Pennsville Township

Need for Project

Areas in Pennsville have malfunctioning septic systems which have been creating a public nuisance and are a potential health hazard. Modifications to Pennsville's treatment plant are needed to ensure operational reliability.

Project Description

The proposed project includes construction of improvements to its wastewater treatment plant. Also included in the project is the construction of pump stations, a sewer force main and gravity sewer, and modifications to existing pumping facilities to accommodate additional flow from new areas.

Anticipated Recipient	:	GLOUCESTER CO UA (GIBBSTOWN)		
Project No.	:	340526-06	Eligible Project Cost:	\$ 2,294,564
FY04 Rank	:	46		
County	:	GLOUCESTER	Total State Amount	\$ 2,294,564

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	25
			Subtotal	175

State Planning Commission	0.00000
Population	0.00531
TOTAL POINTS	375.00531

Project Name, Number

GLOUCESTER CO UA (GIBBSTOWN)
340526-06
STP UPGRADE, SLUDGE MANAGEMENT

Priority List Rank

46

County

GLOUCESTER

Existing Population

5,310

Service Area

Gibbstown - Greenwich Township

Need for Project

The Gibbstown plant is discharging to Wiggins Pond, a tributary of the Delaware River. The effluent is not in compliance with the permit requirements. Due to the stringent effluent limitations as established by the Department, discontinuation of the discharge to Wiggins Pond has become necessary. Wiggins Pond (SE-2) is a non-trout stream with severe violations of fecal coliform and marginal violations of D.O. and toxics. Wiggins Pond supports industrial water use. Also, there exists a major problem due to the presence of high-strength chemical wastes. The plant also receives intermittent discharges of slaughtering wastes from a local butchery. The combined effect of these wastes tend to upset the biological processes.

Sewage Treatment Plant (STP) Name (NJPDDES #)	Flow (mgd)		Effluent			
			Reported BOD		Reported SS	
	Design	Present	%	mg/l	%	mg/l
Gibbstown(Secondary) (NJ0030333)	1.0	0.77	92.2	19.8	89	25.7

Project Description

The project consists of upgrading the existing Gibbstown plant by using the oxidation ditch process and construction of an outfall for direct effluent discharge to the Delaware River. It also includes the construction of influent and effluent pump stations and force mains.

Anticipated Recipient	:	DELAWARE TOWNSHIP MUA		
Project No.	:	340917-01	Eligible Project Cost:	\$ 1,522,661
FY04 Rank	:	47		
County	:	HUNTERDON	Total State Amount	\$ 1,522,661

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	0
	Subtotal	100

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	25
			Subtotal	125

State Planning Commission	0.00000
Population	0.00100
TOTAL POINTS	375.00100

Project Name, Number

DELAWARE TOWNSHIP MUA
340917-01
STP IMPROVEMENTS

Priority List Rank

47

County

HUNTERDON

Existing Population

1,000

Service Area

Seargentsville (including light business district)

Need for Project

The Delaware Township MUA is facing an Administrative Consent Order for compliance with the July 1, 1988 deadlines for meeting effluent limits stipulated under the Clean Water Act. An existing treatment facility must be upgraded to meet NJPDES permit limitations; an increase in treatment capacity is also being considered. The Delaware Township MUA also plans to rehabilitate portions of the existing sewer system.

The treatment plant discharges into the Wickecheoke Creek in the Delaware River Basin. This water body is a trout fishery with agricultural water uses; water quality standards for fecal coliform are not being met, while those for toxics are only marginally acceptable.

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

Project Description

One alternative under consideration to upgrade the STP is to convert the existing secondary treatment facility into a larger Sequential Batch Reactor System.

Anticipated Recipient	:	JEFFERSON TOWNSHIP (ROCKAWAY)		
Project No.	:	340747-04	Eligible Project Cost:	\$ 6,526,216
FY04 Rank	:	48		
County	:	MORRIS	Total State Amount	: \$ 6,526,216

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	200

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	125

State Planning Commission	0.00000
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Population	0.00787
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TOTAL POINTS	375.00787
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Project Name, Number

Priority List Rank

JEFFERSON TOWNSHIP (ROCKAWAY)
340747-04
COLLECTION SYSTEM

48

County

MORRIS

Existing Population

7,870

Service Area

Jefferson Township (Rockaway River Basin)

Need for Project

Some of the on-site systems that exist in the Rockaway River Basin of Jefferson Township have documented repeated failures. Most of the systems are failing due to shallow depth to bedrock, high water tables and steep slopes. Rehabilitation has been attempted on some systems but the results have been generally unsuccessful. Trout fishing and primary contact recreation uses of Russia Brook (FW2-TM) are adversely impacted due to the unacceptable levels of nutrients and marginally acceptable levels of toxics and fecal coliform. These facilities may pose serious health hazards in the future for the township if not corrected.

Project Description

This project includes the design and construction of a local wastewater system for the Rockaway River Basin portion of Jefferson Township. The recommended wastewater management plan for this portion of Jefferson Township consists of two major parts: 1) centralized sewer service for Cozy Lake, Lake Swannanoa and White Pine Lake area in the Rockaway Basin and 2) Septic Management for the remaining portions.

Anticipated Recipient	:	HOWELL TWP MUA		
Project No.	:	340832-01	Eligible Project Cost:	\$ 5,877,522
FY04 Rank	:	49		
County	:	MONMOUTH	Total State Amount	: \$ 5,877,522

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	0
	Subtotal	225

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100

State Planning Commission	0.00000
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Population	0.00192
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TOTAL POINTS	375.00192
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Project Name, Number

HOWELL TWP MUA

340832-01

COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

49

County

MONMOUTH

Existing Population

1,920

Service Area

Howell Township

Need for Project

The Freewood Acres section of Howell Township is currently relying on on-site septic disposal systems for the treatment of wastewater. Many of these existing systems provide inadequate treatment, which has resulted in the degradation of Aldrich Lake. Aldrich Lake experiences high fecal coliform, toxics, and nutrients concentrations. Consequently, trout fishing, primary contact recreation, and farming are impacted.

Project Description

Preliminary investigations indicate that a collection system will need to be constructed in the planning area. The collection system will be connected via an interceptor into the Manasquan River Regional Sewerage Authority conveyance system for treatment and disposal.

Anticipated Recipient	:	LONG BRANCH SA		
Project No.	:	340336-03	Eligible Project Cost:	\$ 1,553,702
FY04 Rank	:	50		
County	:	MONMOUTH	Total State Amount	\$ 1,553,702

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	125
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	250

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	25
Toxics	0	25	50	0
			Subtotal	25

State Planning Commission	25.00000
Population	0.03000
TOTAL POINTS	350.03000

Project Name, Number

LONG BRANCH SA
340336-03
CONVEYANCE FACILITIES, GRIT HANDLING

Priority List Rank

50

County

MONMOUTH

Existing Population

30,000

Service Area

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

Need for Project

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

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

Project Description

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

Anticipated Recipient	:	MANSFIELD TOWNSHIP		
Project No.	:	340935-01	Eligible Project Cost:	\$ 1,396,910
FY04 Rank	:	51		
County	:	WARREN	Total State Amount	\$ 1,396,910

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	200
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	200

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	0
	Subtotal	100

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	50

State Planning Commission	0.00000
Population	0.00100
TOTAL POINTS	350.00100

Project Name, Number

MANSFIELD TOWNSHIP
340935-01
STP IMPROVEMENTS

Priority List Rank

51

County

WARREN

Existing Population

1,000

Service Area

Diamond Hill Development

Need for Project

The existing facilities at the Diamond Hill Sewer Company (NJ0028592), which serves the Diamond Hill Development, is inadequately treating sewage and has been doing so for a few decades. The discharge is to Hances Brook, which is classified as FW2-Trout Production Category One waters. The private owner of the sewer company would not make the necessary repairs to the facilities, so Mansfield Township is evaluating whether or not to takeover the Diamond Hill Sewer Company.

Sewage Treatment Plant (STP) Name (NJPDDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Diamond Hill Sewer Co. (NJ0028592)	NA	0.08	69.5	41.3	86.4	20.5

Project Description

The proposed project involves the construction of a completely new treatment plant, including secondary and advanced treatment facilities. All existing facilities are inadequate for reuse.

Anticipated Recipient	:	GLOUCESTER CITY		
Project No.	:	340958-05	Eligible Project Cost:	\$ 243,047
FY04 Rank	:	52		
County	:	CAMDEN	Total State Amount	: \$ 243,047

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	15.00000
Population	0.01148
TOTAL POINTS	315.01148

Project Name, Number

GLOUCESTER CITY
340958-05
CSO ABATEMENT

Priority List Rank

52

County

CAMDEN

Existing Population

11,484

Service Area

Gloucester City

Need for Project

The proposed project is needed for compliance with the requirements of the CSO General Permit. The General Permit requires removal of solids/floatables greater than 1/8" in size.

Project Description

The proposed project includes elimination of two CSO points through rerouting and installation of solids and floatables controls at five CSO points.

Anticipated Recipient	:	WANAQUE VALLEY RSA		
Project No.	:	340780-03	Eligible Project Cost:	\$ 2,718,518
FY04 Rank	:	53		
County	:	PASSAIC	Total State Amount	\$ 2,718,518

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	25
Toxics	0	25	50	0
			Subtotal	75

State Planning Commission	0.00000
Population	0.00971
TOTAL POINTS	275.00971

Project Name, Number

WANAQUE VALLEY RSA
340780-03
STP IMPROVEMENTS

Priority List Rank

53

County

PASSAIC

Existing Population

9,710

Service Area

Wanaque Borough

Need for Project

Wanaque Valley Regional Sewerage Authority has proposed improvements and process modifications to their existing wastewater treatment plant in order to increase the efficiency of the wastewater treatment facility. The proposed project is expected to result in improved effluent quality. The existing discharge adversely impacts fishable (non-trout) and industrial water uses. Water quality marginally meets standards for fecal coliform and nutrients.

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

Project Description

The proposed project involves minor modifications to improve the effluent quality of the wastewater treatment facility.

Anticipated Recipient	:	WARREN COUNTY (PEQUEST RIVER) MUA		
Project No.	:	340454-04	Eligible Project Cost:	\$ 6,614,815
FY04 Rank	:	54		
County	:	WARREN	Total State Amount	\$ 6,614,815

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	125
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	150

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00320
TOTAL POINTS	300.00320

Project Name, Number

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

Priority List Rank

54

County

WARREN

Existing Population

3,200

Service Area

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

Need for Project

The proposed project consists of upgrading the treatment plant from secondary treatment to advanced secondary treatment in order to meet current and anticipated future NJPDES permit limits, replacing chlorination with ultra-violet disinfection, and improving sludge handling.

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
NJ0035483	0.50	0.285	90.0	25.0	85.0	30.0

Project Description

The proposed project involves the upgrade of the existing secondary treatment facility to Upflow Sludge Blanket Filtration (activated sludge) with sand filtration and UV disinfection. The existing solids handling system will be upgraded to gravity thickeners and improved sludge holding facilities.

Anticipated Recipient	:	BUENA BOROUGH MUA		
Project No.	:	340518-04	Eligible Project Cost:	\$ 2,049,114
FY04 Rank	:	55		
County	:	ATLANTIC	Total State Amount	\$ 2,049,114

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50

State Planning Commission	0.00000
Population	0.00370
TOTAL POINTS	250.00370

Project Name, Number

Priority List Rank

BUENA BOROUGH MUA

55

340518-04

PUMP STATION, FORCE MAIN

County

ATLANTIC

Existing Population

3,700

Service Area

Buena Borough

Need for Project

An Administrative Consent requires that the outfall must be relocated from Deep Run (Pineland waterway) to the Blackwater Branch Stream (a non-Pineland waterway).

Project Description

The proposed project involves the construction of a new effluent pump station and 3 miles of force main which will discharge the effluent to the Blackwater Branch Stream.

Anticipated Recipient	:	MILLVILLE CITY		
Project No.	:	340921-05	Eligible Project Cost:	\$ 2,737,503
FY04 Rank	:	56		
County	:	CUMBERLAND	Total State Amount	\$ 2,737,503

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	25

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	50

State Planning Commission	25.00000
Population	0.02685
TOTAL POINTS	250.02685

Project Name, Number

Priority List Rank

MILLVILLE CITY

56

340921-05

STP IMPROVEMENTS

County

CUMBERLAND

Existing Population

26,847

Service Area

City of Millville

Need for Project

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

Project Description

The proposed project includes replacement of the existing chemical disinfection system with a new ultraviolet disinfection system, replacement of aeration diffusers, replacement of centrifugal blowers, replacement of sludge holding tank diffusers, and installation of a Supervisory Control and Data Acquisition system.

Anticipated Recipient	:	EDGEWATER MUA		
Project No.	:	340446-08	Eligible Project Cost:	\$ 7,234,505
FY04 Rank	:	57		
County	:	BERGEN	Total State Amount	\$ 7,234,505

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	250
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00768
TOTAL POINTS	250.00768

Project Name, Number

EDGEWATER MUA
340446-08
CSO ABATEMENT

Priority List Rank

57

County

BERGEN

Existing Population

7,677

Service Area

Edgewater Borough

Need for Project

The Borough has a combined sewer system that overflows into the Hudson River during storm events.

Project Description

The MUA plans to install storm sewers in order to separate the combined sewers flowing to regulator #009 and to install a holding tank to detain peak flows from regulator #12 in Cliffside Park.

Anticipated Recipient	:	WYCKOFF TOWNSHIP		
Project No.	:	340738-03	Eligible Project Cost:	\$ 14,494,384
FY04 Rank	:	58		
County	:	BERGEN	Total State Amount	\$ 14,494,384

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	150

State Planning Commission	0.00000
Population	0.00190
TOTAL POINTS	250.00190

Project Name, Number

Priority List Rank

WYCKOFF TOWNSHIP

58

340738-03

COLLECTION SYSTEM, INTERCEPTOR

County

BERGEN

Existing Population

1,900

Service Area

Township of Wyckoff

Need for Project

The area is served by on-site septic systems. The majority of these systems do not function satisfactorily, primarily due to poor soil conditions and the age of the individual systems. Health records along with on-site inspections and surveys indicate failing septic systems are contributing to the degradation of HoHoKus Brook (FW2-NT), consequently impacting fishable non-trout and industrial uses. Water quality in the area does not meet standards for fecal coliform and toxics.

Project Description

Project is currently in the design stage and will involve construction of 71,600 linear feet of lateral sewer and interceptors to replace septic systems. This project, along with C340739-02 (collection system, P.S.) and C340482-02 (pump station, force main, and interceptor) provides an integrated collection system for the Township. Flows will be conveyed to the Northeast Bergen County Utilities Authority interceptor sewer.

Anticipated Recipient	:	LANDIS SA		
Project No.	:	340461-05	Eligible Project Cost:	\$ 3,603,428
FY04 Rank	:	59		
County	:	CUMBERLAND	Total State Amount	\$ 3,603,428

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	25.00000
Population	0.05478
TOTAL POINTS	175.05478

Project Name, Number

Priority List Rank

LANDIS SA

59

340461-05

STP INFLUENT PS, GRIT CHAMBER

County

CUMBERLAND

Existing Population

54,780

Service Area

City of Vineland, part of Franklin Township and part of Pittsgrove Township

Need for Project

Facility was previously upgraded under a federal Construction Grant as Project No. C340461-02-2 and TWA SO-8-86-6073 without grit and scum removal. Under existing conditions, the influent flow is pumped twice and this is inefficient. The project will result in one central pumping facility with grit/scum removal which will improve the operational reliability of downstream treatment units.

Project Description

Construction of four (4) 60-inch diameter open flight screw pumps (archimedes screw) for a design flow of 12.2 MGD and peak of 24.3 MGD. Each screw capacity will be 8.1 MGD, with one unit as standby. Due to the efficiency of the screw pump, estimated power savings would be \$10,000/yr. Metering will be by two Parshall flumes, chart recorded and mechanical barscreens. The grit/grease removal system will consist of a 3.2 x 36 meter grease removal channel and a 3.4 x 36 meter grit removal channel with the associated mechanical and aeration systems. A biofilter will be constructed to control odors from the proposed enclosed screw pumps as well as the headworks facility.

Anticipated Recipient	:	NORTH BERGEN TOWNSHIP/HUDSON CO UA		
Project No.	:	340652-01	Eligible Project Cost:	\$ 3,997,392
FY04 Rank	:	60		
County	:	HUDSON	Total State Amount	\$ 3,997,392

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100

State Planning Commission	0.00000
Population	0.01166
TOTAL POINTS	200.01166

Project Name, Number

Priority List Rank

NORTH BERGEN TOWNSHIP/HUDSON CO UA
340652-01
COLLECTION SYSTEM

60

County

HUDSON

Existing Population

11,660

Service Area

Portions of North Bergen (Area III)

Need for Project

North Bergen Area III is serviced by the Woodcliff STP. A portion of this district is currently unsewered and contains malfunctioning septic systems. Sanitary connections have been made to an existing storm water system resulting in discharge of untreated sewage to the Hudson River. This discharge impacts industrial water use and freshwater-nontrot uses, as well as contributing to fecal coliform violations. The Hillcrest pumping station contains an overflow and requires rehabilitation.

Project Description

A new sanitary sewer collection system will be constructed to convey flows from the unsewered areas. The illegal connections will be corrected and the flow collected for treatment. Sewage will be transported to the Woodcliff STP or to a neighboring facility for treatment. The Hillcrest Pumping Station will also be rehabilitated.

Anticipated Recipient	:	MANSFIELD TOWNSHIP		
Project No.	:	340935-02	Eligible Project Cost:	\$ 147,540
FY04 Rank	:	61		
County	:	WARREN	Total State Amount	\$ 147,540

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	200

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00100
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TOTAL POINTS	200.00100
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Project Name, Number

MANSFIELD TOWNSHIP
340935-02
I/I CORRECTION

Priority List Rank

61

County

WARREN

Existing Population

1,000

Service Area

Diamond Hill Development

Need for Project

The treatment plant is inundated during heavy rainfall.

Project Description

Work under this project will include, but not necessarily be limited to, minor cleaning and TV inspection of sewer lines, joint pressure testing to determine if sealing is required to eliminate infiltration, manhole sealing if required, and root removal.

NEW JERSEY STATE LIBRARY

Anticipated Recipient : PASSAIC VALLEY SC

Project No. : 340683-05 Eligible Project Cost: \$ 132,505,940

FY04 Rank : 62

County : ESSEX Total State Amount : \$ 132,505,940

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 50.00000

Population 1.35000

TOTAL POINTS 151.35000

Project Name, Number

Priority List Rank

PASSAIC VALLEY SC

62

340683-05

SLUDGE TREATMENT & DISPOSAL

County

ESSEX

Existing Population

1,350,000

Service Area

Various communities in Bergen, Essex, Hudson, and Passaic counties

Need for Project

PVSC operates a 230 mgd secondary sewage treatment plant which produces 945,000 dry pounds/day of sludge which is currently dewatered and shipped to Texas. This interim sludge disposal alternative was implemented by the PVSC in order to enable the PVSC to cease the ocean dumping of sewage sludge as mandated by federal and state legislation. However, this practice is costly and its future availability is uncertain.

Project Description

The proposed project would provide a long-term method for the disposal of sewage sludge. A Step 1 grant was awarded in January 1977 for a land-based sludge management study which recommended the implementation of a sludge disposal scheme consisting of a belt filter press for dewatering and incineration. The Sludge Management Plan dated June 1989 recommended a fluidized bed incinerator be constructed as a long-term plan. The PVSC will be required to appropriately update the Sludge Management Plan to ensure that adequate consideration of beneficial reuse alternatives has been included, as required by the Department's White Paper on Beneficial Use of Sewage Sludge, issued in November 1990.

Anticipated Recipient	:	PASSAIC VALLEY SEWERAGE COMMISSIONERS		
Project No.	:	340689-06	Eligible Project Cost:	\$ 63,223,700
FY04 Rank	:	62		
County	:	ESSEX	Total State Amount	: \$ 63,223,700

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	50.00000
Population	1.35000
TOTAL POINTS	151.35000

Project Name, Number

Priority List Rank

PASSAIC VALLEY SEWERAGE COMMISSIONERS
340689-06
SLUDGE MANAGEMENT

62

County

ESSEX

Existing Population

1,350,000

Service Area

Parts of Bergen, Essex, Hudson and Passaic Counties

Need for Project

The Passaic Valley Sewerage Commissioners are investigating improvements to their STP, NJPDES No. NJ0021016. The high strength Zimpro sidestream is returned to the activated sludge treatment plant which leads to instability in the activated sludge process. Other improvements are needed to the the sludge processing equipment.

Project Description

The proposed project includes an anaerobic treatment system for the high strength Zimpro sidestream, methane gas recovery and electrical generation facility and various improvements to the sludge processing equipment.

Anticipated Recipient	:	RAHWAY VALLEY SA		
Project No.	:	340547-09	Eligible Project Cost:	\$ 618,793
FY04 Rank	:	64		
County	:	UNION	Total State Amount	\$ 618,793

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.25000
TOTAL POINTS	150.25000

Project Name, Number

Priority List Rank

RAHWAY VALLEY SA

64

340547-09

ADMINISTRATION/OPERATIONS BUILDING

County

UNION

Existing Population

250,000

Service Area

Springfield, Mountainside, Westfield, Kenilworth, Winfield, Garwood, Cranford, Roselle Park (Part), Scotch Plains, Clark, Woodbridge (Part) and Rahway

Need for Project

RVSA proposes to demolish a building built in the 1930s that has deteriorated to unsafe conditions and will renovate another building in the same complex, which was built in the 1950s.

Project Description

The proposed project includes demolition of one of two existing buildings comprising the original administration/laboratory complex and the reconstruction of the second building to house the administration and operations of the STP.

Anticipated Recipient	:	RAHWAY VALLEY SA		
Project No.	:	340547-10	Eligible Project Cost:	\$ 69,499,623
FY04 Rank	:	64		
County	:	UNION	Total State Amount	\$ 69,499,623

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.25000
TOTAL POINTS	150.25000

Project Name, Number

Priority List Rank

RAHWAY VALLEY SA
340547-10
STP IMPROVEMENTS

64

County

UNION

Existing Population

250,000

Service Area

Springfield, Mountainside, Westfield, Kenilworth, Winfield Park, Linden, Garwood, Cranford, Roselle Park (Part), Scotch Plains, Clark, Woodbridge (Part) and Rahway

Need for Project

RVSA currently operates a 40 mgd secondary sewage treatment plant. The plant will be expanded to accommodate wet weather flows to allow for closure of 2 CSOs and to meet permit requirements.

Project Description

The proposed improvements to the treatment facility include new disinfection, filtration, clarification, and pumping facilities. Also included in the project will be a remote pump station and 8000 feet of force main.

Anticipated Recipient	:	HUDSON COUNTY UA (AREA I)		
Project No.	:	340900-01	Eligible Project Cost:	\$ 26,962,839
FY04 Rank	:	66		
County	:	HUDSON	Total State Amount	: \$ 26,962,839

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	50.00000
Population	0.21858
TOTAL POINTS	150.21858

Project Name, Number

Priority List Rank

HUDSON COUNTY UA (AREA I)
340900-01
COLLECTION SYSTEM

66

County

HUDSON

Existing Population

218,580

Service Area

City of Jersey City

Need for Project

The construction of sewers are necessary to replace failing and malfunctioning septic systems in the unsewered areas of the City of Jersey City. These systems are old, inadequate, and are known to cause a public nuisance.

Project Description

This project proposes the construction of a new collection system to service that portion of the City of Jersey City that is unsewered. It will convey the wastewater of this unsewered area of the City to PVSC for wastewater treatment.

Anticipated Recipient	:	CAMDEN CITY		
Project No.	:	340366-02	Eligible Project Cost:	\$ 667,397
FY04 Rank	:	67		
County	:	CAMDEN	Total State Amount	: \$ 667,397

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	50.00000
Population	0.08700
TOTAL POINTS	150.08700

Project Name, Number

Priority List Rank

CAMDEN CITY

67

340366-02

SLUDGE MANAGEMENT

County

CAMDEN

Existing Population

87,000

Service Area

City of Camden

Need for Project

The City has identified a need to increase capacity of the Morris-Delair potable water treatment plant's residuals handling system.

Project Description

The proposed project consists of the purchase and installation of a plate drying bed system.

Anticipated Recipient	:	SALEM COUNTY BOARD OF FREEHOLDERS		
Project No.	:	340804-04	Eligible Project Cost:	\$ 18,263,633
FY04 Rank	:	68		
County	:	SALEM	Total State Amount	: \$ 18,263,633

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01829
TOTAL POINTS	150.01829

Project Name, Number

Priority List Rank

SALEM COUNTY BOARD OF FREEHOLDERS
340804-04
STP

68

County

SALEM

Existing Population

18,291

Service Area

Carney's Point Township, Oldmans Township, Penns Grove Borough, Pilesgrove Township

Need for Project

Salem County is proposing to modify two existing treatment plants and convey the flows from four communities to the DuPont treatment plant.

Project Description

The proposed project includes the modification of existing treatment facilities, construction of new pump stations, and installation of wastewater conveyance systems to transport wastewater from all four municipalities to the DuPont wastewater treatment facility.

Anticipated Recipient	:	HACKETTSTOWN MUA		
Project No.	:	340803-04	Eligible Project Cost:	\$ 1,411,500
FY04 Rank	:	69		
County	:	WARREN	Total State Amount	: \$ 1,411,500

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01040
TOTAL POINTS	150.01040

Project Name, Number

Priority List Rank

HACKETTSTOWN MUA

69

340803-04

TREATMENT PLANT ABANDONMENT

County

WARREN

Existing Population

10,403

Service Area

Hackettstown Town, Independence Township

Need for Project

HMUA has been ordered to takeover the Diamond Hill Sewer Company and close its treatment plant.

Project Description

The proposed project includes construction of gravity sewers and a force main along with a pump station upgrade to allow all wastewater in the Diamond Hill service area to be conveyed to the HMUA wastewater collection system.

Anticipated Recipient	:	RAHWAY VALLEY SA		
Project No.	:	340547-07	Eligible Project Cost:	\$ 22,561,384
FY04 Rank	:	70		
County	:	UNION	Total State Amount	: \$ 22,561,384

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.25000
TOTAL POINTS	100.25000

Project Name, Number

Priority List Rank

RAHWAY VALLEY SA

70

340547-07

SLUDGE MANAGEMENT

County

UNION

Existing Population

250,000

Service Area

Springfield, Mountainside, Westfield, Kenilworth, Winfield Park, Linden, Garwood, Cranford, Roselle Park (Part), Scotch Plains, Clark, Woodbridge (Part) and Rahway

Need for Project

RVSA currently operates a 40 mgd secondary sewage treatment plant. The plant will be expanded to accommodate wet weather flows and provide wastewater effluent that meets permit requirements. The project will also improve the sludge and gas mixing systems in two of the anaerobic digesters resulting in enhanced gas production and a more homogenous sludge mixture.

Project Description

The proposed improvements to the treatment facility include construction of a new facility at the plant that will include 3 prime movers, 2 standby generators, and 1 sludge dryer. Other improvements include installation of new gas and sludge mixing systems.

Anticipated Recipient	:	LONG BRANCH SA		
Project No.	:	340820-03	Eligible Project Cost:	\$ 3,766,422
FY04 Rank	:	71		
County	:	MONMOUTH	Total State Amount	: \$ 3,766,422

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	25.00000
Population	0.03006
TOTAL POINTS	125.03006

Project Name, Number

Priority List Rank

LONG BRANCH SA

71

340820-03

SLUDGE TREATMENT & DISPOSAL

County

MONMOUTH

Existing Population

30,060

Service Area

City of Long Branch, West Long Branch (portion)

Need for Project

Long Branch Sewerage Authority is presently disposing of sludge by incineration, however, this is on a short term basis only. This project is necessary to identify a long term disposal alternative for disposal of the 1235 lbs. of sludge (dry weight basis) produced at the plant each day.

Project Description

The project report for this project is essentially complete and has recommended a long term sludge management plan which calls for in-vessel composting with distribution. After resolution of several minor issues, the project report may be approved.

Anticipated Recipient	:	PRINCETON TOWNSHIP		
Project No.	:	343008-01	Eligible Project Cost:	\$ 4,653,327
FY04 Rank	:	72		
County	:	MERCER	Total State Amount	\$ 4,653,327

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	25.00000
Population	0.01320
TOTAL POINTS	125.01320

Project Name, Number

PRINCETON TOWNSHIP
343008-01
LAND ACQUISITION

Priority List Rank

72

County

MERCER

Existing Population

13,198

Service Area

Township of Princeton

Need for Project

The Township plans to purchase the R.W. Johnson and Gulick properties 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 the R.W. Johnson and Gulick properties to preserve open space and to protect water quality.

Anticipated Recipient :	WILDWOOD CREST BOROUGH		
Project No. :	343041-01	Eligible Project Cost:	\$ 3,997,392
FY04 Rank :	73		
County :	CAPE MAY	Total State Amount :	\$ 3,997,392

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	25.00000
Population	0.00398
TOTAL POINTS	125.00398

Project Name, Number

WILDWOOD CREST BOROUGH
343041-01
LAND ACQUISITION

Priority List Rank

73

County

CAPE MAY

Existing Population

3,980

Service Area

Borough of Wildwood Crest

Need for Project

The Borough 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 a 2.5-acre parcel adjacent to the beachfront in the southern portion of the island to prevent ponding of stormwater runoff and to maintain or improve existing drainage patterns.

Anticipated Recipient	:	ALLOWAY TOWNSHIP/QUINTON TOWNSHIP		
Project No.	:	340965-01	Eligible Project Cost:	\$ 9,963,124
FY04 Rank	:	74		
County	:	SALEM	Total State Amount	: \$ 9,963,124

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	25
	Subtotal	75

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00310
TOTAL POINTS	125.00310

Project Name, Number

Priority List Rank

ALLOWAY TOWNSHIP/QUINTON TOWNSHIP
340965-01
COLLECTION SYSTEM

74

County

SALEM

Existing Population

3,100

Service Area

Sections of both Alloway and Quinton Townships

Need for Project

The on-site septic systems in the proposed service area are malfunctioning and causing groundwater degradation. The area borders Elkington Lake and Laurel Lake as well as Alloway Lake and Alloway Creek. The existing systems are impacting fishable (non-trout), recreational, industrial and agricultural uses of these waterbodies.

Project Description

The proposed project consists of the construction of force mains, gravity sewers and pumping stations. The collected wastewater either will be conveyed to the Salem treatment plant or to a newly erected treatment plant within the service area which will be a part of this project.

Anticipated Recipient	:	STAFFORD TOWNSHIP		
Project No.	:	340946-02	Eligible Project Cost:	\$ 7,975,913
FY04 Rank	:	75		
County	:	OCEAN	Total State Amount	\$ 7,975,913

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	25.00000
Population	0.00190
TOTAL POINTS	125.00190

Project Name, Number

Priority List Rank

STAFFORD TOWNSHIP
340946-02
COLLECTION SYSTEM

75

County

OCEAN

Existing Population

1,900

Service Area

Ocean Acres Area of Stafford Township

Need for Project

The area residents are using individual on-site septic systems for wastewater disposal which pose a pollution threat to the groundwater and to public health. The area is in a Regional Growth Area of the Pinelands Commission and is identified as an area to be sewerred in the Pinelands Infrastructure Master Plan with an allowable development of approximately 1,800 residential lots.

Project Description

The project is for the construction of approximately 20 miles of gravity sewers and force mains, 4 pump stations, and the associated manholes and house laterals which will collect and convey about 0.5 mgd projected ultimate wasteflow via the existing Manahawkin Interceptor to the Ocean County Utilities Authority's Southern Water Pollution Control Facilities located in West Creek.

Anticipated Recipient	:	BRIDGEWATER TOWNSHIP		
Project No.	:	340638-03	Eligible Project Cost:	\$ 2,273,143
FY04 Rank	:	76		
County	:	SOMERSET	Total State Amount	: \$ 2,273,143

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	25.00000
Population	0.00133
TOTAL POINTS	125.00133

Project Name, Number

BRIDGEWATER TOWNSHIP
340638-03
COLLECTION SYSTEM

Priority List Rank

76

County

SOMERSET

Existing Population

1,330

Service Area

Bridgewater Township (various portions)

Need for Project

Poor soil conditions and shallow depth to bedrock are causing a significant number of septic systems in the service area to malfunction and cause a public nuisance.

Project Description

This project involves construction of collector and interceptor sewers in eight sections of Bridgewater Township. These collectors will tie into existing trunk sewers which lead to the Somerset-Raritan Valley Sewerage Authority treatment plant.

Anticipated Recipient	:	WEST WILDWOOD BOROUGH		
Project No.	:	340626-04	Eligible Project Cost:	\$ 55,180
FY04 Rank	:	77		
County	:	CAPE MAY	Total State Amount	\$ 55,180

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	25.00000
Population	0.00045
TOTAL POINTS	125.00045

Project Name, Number

WEST WILDWOOD BOROUGH
340626-04
COLLECTION SYSTEM

Priority List Rank

77

County

CAPE MAY

Existing Population

453

Service Area

West Wildwood Borough

Need for Project

The sanitary sewer extension in West Wildwood will allow for the elimination of existing on-site wastewater disposal systems, which are located within 100 feet of tidal water, in an area with depth to groundwater of less than three feet and subject to periodic tidal flooding.

Project Description

The proposed project includes the purchase and installation of pumps and controls to complete the Twenty Sixth Street Sanitary Sewer Extension in West Wildwood.

Anticipated Recipient	:	RARITAN BOROUGH		
Project No.	:	340781-03	Eligible Project Cost:	\$ 551,932
FY04 Rank	:	78		
County	:	SOMERSET	Total State Amount	: \$ 551,932

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	25.00000
Population	0.00010
TOTAL POINTS	125.00010

Project Name, Number

RARITAN BOROUGH
340781-03
COLLECTION SYSTEM

Priority List Rank

78

County

SOMERSET

Existing Population

100

Service Area

Vones Lane Section of Raritan Borough

Need for Project

The Vones Lane Section of Raritan Borough is experiencing a high degree of septic tank failures (70%) overflows due to poor soil and high groundwater. This has resulted in septage flowing onto yards and streets.

Project Description

The proposed project will eliminate the septic systems through the construction of a collection system and conveyance facilities.

Anticipated Recipient : WANAQUE BOROUGH

Project No. : 340434-02 Eligible Project Cost: \$ 306,771

FY04 Rank : 79

County : PASSAIC Total State Amount : \$ 306,771

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 15.00000

Population 0.01058

TOTAL POINTS 115.01058

Project Name, Number

Priority List Rank

WANAQUE BOROUGH

79

340434-02

COLLECTION SYSTEM, INTERCEPTOR

County

PASSAIC

Existing Population

10,580

Service Area

Wanaque Borough

Need for Project

This project is necessary for the construction of a sewer extension. This is the second phase of the Borough's collection system project. The first phase (75,130 l.f.) has already been constructed. In several instances, septic systems have been malfunctioning, creating potential health hazard situations and a public nuisance.

Project Description

This project involves the construction of 4251 linear feet of collector and interceptor sewer and a pump station, which will convey wastewater to the proposed Wanaque Valley Regional Sewerage Authority treatment plant (0.68 MGD capacity). The planning work for the collection system needs to be addressed.

Anticipated Recipient	:	HIGHTSTOWN BOROUGH		
Project No.	:	340915-02	Eligible Project Cost:	\$ 804,506
FY04 Rank	:	80		
County	:	MERCER	Total State Amount	\$ 804,506

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	15.00000
Population	0.00513
TOTAL POINTS	115.00513

Project Name, Number

HIGHTSTOWN BOROUGH
340915-02
SLUDGE MANAGEMENT

Priority List Rank

80

County

MERCER

Existing Population

5,130

Service Area

Borough of Hightstown

Need for Project

The need for the project is to provide improved biosolids handling and reduce costs.

Project Description

The purpose of the project is to purchase a Belt Filter Press for handling biosolids in a liquid or cake form, which ever is more cost effective. A building will be required for the press and dumpster during freezing weather.

Major project components include:

- A) Building Site Work
- B) Yard piping to convey biosolids to press
- C) Building accessories, lighting, dumpster, rollup monorail, door, eyewash, shower, etc.
- D) Utilities, plumbing, heating, floor drainage, ventilation
- E) Piping modification, valves, pipes, supports
- F) Equipment, belt press filter new, polymer feed system, progressive cavity pump, equipment installation, spiral conveyer, air compressor

Anticipated Recipient	:	CAPE MAY CITY		
Project No.	:	343045-01	Eligible Project Cost:	\$ 5,308,104
FY04 Rank	:	81		
County	:	CAPE MAY	Total State Amount	: \$ 5,308,104

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	15.00000
Population	0.00403
TOTAL POINTS	115.00403

Project Name, Number

CAPE MAY CITY

343045-01

LAND ACQUISITION

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 and may include other lands to preserve open space and to protect water quality.

Priority List Rank

81

NEW JERSEY STATE LIBRARY

Anticipated Recipient : MENDHAM TOWNSHIP

Project No. : 343031-01 Eligible Project Cost: \$ 5,308,104

FY04 Rank : 82

County : MORRIS Total State Amount : \$ 5,308,104

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		<u>100</u>

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		<u>0</u>

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				<u>0</u>

State Planning Commission 10.00000

Population 0.00454

TOTAL POINTS 110.00454

Project Name, Number

Priority List Rank

MENDHAM TOWNSHIP

82

343031-01

LAND ACQUISITION

County

MORRIS

Existing Population

4,537

Service Area

Township of Mendham

Need for Project

The Township plans to purchase the Clyde Potts Reservoir and the surrounding drainage basin. 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 Clyde Potts Reservoir and the surrounding drainage basin to preserve open space and to protect water quality.

Anticipated Recipient : HOPE TOWNSHIP

Project No. : 340872-01 Eligible Project Cost: \$ 508,696

FY04 Rank : 83

County : WARREN Total State Amount : \$ 508,696

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 10.00000

Population 0.00166

TOTAL POINTS 110.00166

Project Name, Number

HOPE TOWNSHIP
340872-01
INTERCEPTOR SEWERS

Priority List Rank

83

County

WARREN

Existing Population

1,660

Service Area

The study area for this project consists of Hope Township within the Pequest Basin.

Need for Project

The majority of the township is currently using cesspools as a means of on-site wastewater disposal. Failures of these systems have created potential health hazards. In the Silver Lake area, the water table is high and wells are shallow. Cesspools and septic systems have been a public nuisance through surface failures and groundwater pollution. The septic malfunctions have been threatening the health and welfare of the local residents. Because of the existing small lot size, soil limitations and lack of adequate planning for runoff management, there is significant potential for future environmental and health problems within the community as well as problems of the degradation of water quality in Silver Lake.

Project Description

This project is still in early stage of planning and proposes small diameter gravity system connected to a community-based leaching field as an alternative solution to malfunctioning septic systems. Also included is a sub-surface drainage system to be installed to collect and divert high, seasonal groundwater and run-off to protect the disposal bed from flooding.

Anticipated Recipient	:	ESSEX-UNION JOINT MEETING		
Project No.	:	340686-03	Eligible Project Cost:	\$ 19,257,315
FY04 Rank	:	84		
County	:	UNION	Total State Amount	: \$ 19,257,315

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.60001
TOTAL POINTS	100.60001

Project Name, Number

Priority List Rank

ESSEX-UNION JOINT MEETING

84

340686-03

SLUDGE TREATMENT & DISPOSAL

County

UNION

Existing Population

600,010

Service Area

16 communities in Essex and Union Counties

Need for Project

JMEUC operates a 75 mgd secondary sewage treatment plant which produces 35 dry tons per day of anaerobically digested sludge which is currently dewatered and shipped to Pennsylvania to be landfilled. This interim sludge disposal alternative was implemented by the JMEUC in order to enable the Authority to cease the ocean dumping of sewage sludge as mandated by federal and state legislation. However, this practice is costly and its future availability is uncertain.

Project Description

The proposed project would provide a long-term method for the disposal of sewage sludge. A Step 1 grant was awarded in 1977 for a land-based sludge management study. The "Land-Based Sludge Management Facilities Plan Update" dated March 1989 recommended construction of a multiple hearth incinerator with a hot water generator, Venturi scrubber, impingement plate after cooler, wet electrostatic precipitator, induced draft fan, regenerative after burner and a pneumatic dry ash system as the most cost-effective alternative. The JMEUC present plans are to abandon the original idea of sludge incineration and to pursue a beneficial reuse alternative utilizing a sludge drying process.

Anticipated Recipient	:	ESSEX UNION JOINT MEETING		
Project No.	:	340686-04	Eligible Project Cost:	\$ 11,199,679
FY04 Rank	:	84		
County	:	UNION	Total State Amount	: \$ 11,199,679

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.60001
TOTAL POINTS	100.60001

Project Name, Number

Priority List Rank

ESSEX UNION JOINT MEETING
340686-04
STP IMPROVEMENTS

84

County

UNION

Existing Population

600,010

Service Area

16 communities in Essex and Union Counties

Need for Project

JMEUC operates a 75 mgd secondary sewage treatment plant. Due to recent experience with unreliable electric service, which resulted in violations, JMEUC proposes to install an on-site co-generation facility to ensure plant reliability.

Project Description

The proposed project includes installation of a co-generation power plant, which will serve as the primary power source at the JMEUC facilities.

Anticipated Recipient	:	CAMDEN COUNTY MUA		
Project No.	:	340640-08	Eligible Project Cost:	\$ 4,653,327
FY04 Rank	:	86		
County	:	CAMDEN	Total State Amount	: \$ 4,653,327

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.50893
TOTAL POINTS	100.50893

Project Name, Number

CAMDEN COUNTY MUA
340640-08
SLUDGE MANAGEMENT

Priority List Rank

86

County

CAMDEN

Existing Population

508,932

Service Area

Camden County

Need for Project

Belt filter presses at CCMUA's facilities have reached the end of their useful life and despite an overhaul four years ago are not reliable. The older presses are not as efficient as newer models. An additional gravity belt thickener is needed to ensure operational reliability during peak conditions.

Project Description

The proposed project includes the replacement of the Delaware No. 1 Pollution Control Facility's sludge dewatering equipment, installation of additional sludge thickening equipment for better plant performance during peak conditions, and extension of the plant outfall to achieve additional dilution.

Anticipated Recipient	:	BERGEN COUNTY UA		
Project No.	:	340687-05	Eligible Project Cost:	\$ 37,834,533
FY04 Rank	:	87		
County	:	BERGEN	Total State Amount	\$ 37,834,533

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.49114
TOTAL POINTS	100.49114

Project Name, Number

BERGEN COUNTY UA
340687-05
SLUDGE MANAGEMENT

Priority List Rank

87

County

BERGEN

Existing Population

491,140

Service Area

The service area consists of 46 municipalities in Bergen County

Need for Project

BCUA operates a 94 mgd secondary sewage treatment plant which produces 35 dry tons/day of anaerobically digested liquid sludge which is currently dewatered by Spectroserv, Inc. in the Town of Kearny and shipped to Pennsylvania to be landfilled. This interim sludge disposal alternative was implemented by the BCUA in order to enable the Authority to cease the ocean dumping of sewage sludge as mandated by federal and state legislation. However, this practice is costly and its future availability is uncertain.

Project Description

The BCUA has modified its Sludge Management Plan to include beneficial reuse of the sludge.

The modified plan calls for the chemical stabilization of the sludge and use of the product as final cover of the landfills in the Meadowlands area.

As required by the Judicial Consent Decree, the BCUA is required to pursue its original plan of incineration until such time as the beneficial use plan is approved.

Anticipated Recipient	:	CAMDEN COUNTY MUA		
Project No.	:	340640-06	Eligible Project Cost:	\$ 86,231,739
FY04 Rank	:	88		
County	:	CAMDEN	Total State Amount	: \$ 86,231,739

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

<u>III. WATER USE/WATER QUALITY POINTS</u>		
<u>A. Water Use</u>		
Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.48867
TOTAL POINTS	100.48867

Project Name, Number

Priority List Rank

CAMDEN COUNTY MUA
340640-06
SLUDGE MANAGEMENT

88

County

CAMDEN

Existing Population

488,670

Service Area

Most of Camden County

Need for Project

Existing sludge and scum treatment facilities are not adequate to handle the entire volumes of sludge and scum generated at CCMUA's STPs. The CCMUA relies on outside entities to manage sludge and scum treatment and disposal. Planning studies conducted by CCMUA recommended the construction of a 100 dry ton/day in-vessel composting facility. However, the project was split in two phases. Phase 1, which will provide sludge treatment facilities to handle 50 dry tons/day, is presently under construction (Project No. S34070805). Phase 2 (to increase capacity to 100 dry tons/day) is included in this project.

Project Description

The proposed project consists of the construction of a second series of Ashbrook-Simon-Hartley tunnel bioreactors which would increase the CCMUA's sludge management capabilities from 50 dry tons/day to 100 dry tons/day. The facilities will also include a process/curing area and a compost storage building. In addition, the project consists of modifications to the CCMUA's 10 dry ton/day incinerator in Gloucester Township to permit it to burn scum resulting from operations at the Delaware No. 1 WPCF.

Anticipated Recipient	:	PATERSON CITY		
Project No.	:	340850-01	Eligible Project Cost:	\$ 28,256,876
FY04 Rank	:	95		
County	:	PASSAIC	Total State Amount	: \$ 28,256,876

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	50.00000
Population	0.13945
TOTAL POINTS	100.13945

Project Name, Number

PATERSON CITY
340850-01
I/I CORRECTION

Priority List Rank

95

County

PASSAIC

Existing Population

139,450

Service Area

City of Paterson

Need for Project

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

Project Description

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

Anticipated Recipient	:	SUSSEX COUNTY MUA		
Project No.	:	342008-01	Eligible Project Cost:	\$ 2,451,173
FY04 Rank	:	96		
County	:	SUSSEX	Total State Amount	\$ 2,451,173

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.13094
TOTAL POINTS	100.13094

Project Name, Number

SUSSEX COUNTY MUA
342008-01
LANDFILL CLOSURE

Priority List Rank

96

County

SUSSEX

Existing Population

130,943

Service Area

Sussex County

Need for Project

Sussex County needs to cap the remaining uncapped 8.5 acres of the County's landfill in order to control and manage leachate generation, gas production, and stormwater runoff.

Project Description

The project will include the installation of a final cap consisting of the final grading of the solid waste, a 12 inch sand layer (for methane gas venting), an impermeable membrane, a 12 inch sand drainage layer, a 12 inch final cover, a stormwater diversion and drainage system, and a landfill gas extraction system.

Anticipated Recipient	:	ROCKAWAY VALLEY REG SA		
Project No.	:	340821-03	Eligible Project Cost:	\$ 16,116,128
FY04 Rank	:	97		
County	:	MORRIS	Total State Amount	: \$ 16,116,128

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.12063
TOTAL POINTS	100.12063

Project Name, Number

Priority List Rank

ROCKAWAY VALLEY REG SA

97

340821-03

SLUDGE TREATMENT/DISPOSAL

County

MORRIS

Existing Population

120,630

Service Area

Boonton Town, Boonton Township, Denville, Dover, Jefferson (48%), Kinnelon (32%), Mine Hill (65%), Randolph (78%), Rockaway Borough, Rockaway Township, Roxbury, Victory Gardens, Wharton

Need for Project

Rockaway Valley Regional Sewerage Authority has recently signed a 15 year service contract (5 year breakout option) with Wayne Township for incinerating RVRSA's sludge at Wayne Township's incinerators at the cost of \$45 per 1000 gallons. Prior to this arrangement, the RVRSA was hauling sludge to Kinsley's Landfill in Gloucester County. There appears to be available capacity within the Wayne Township's incinerators which are physically located within 7 miles of RVRSA treatment plant.

Project Description

The RVRSA prepared a facilities plan for sludge disposal. The plan shows that in-vessel composting is cost-effective. However, after recent development of negotiations with Par-Troy and Wayne and subsequent contract with Wayne Township, incinerating at Wayne now appears most cost-effective option available for RVRSA. It was recommended that the RVRSA continue to dispose of its sludge at the Wayne Township's incinerators on a interim basis and pursue long term sludge disposal option. The precise disposal alternative will be determined by the on-going study.

Anticipated Recipient	:	ELIZABETH CITY		
Project No.	:	340942-05	Eligible Project Cost:	\$ 370,105
FY04 Rank	:	98		
County	:	UNION	Total State Amount	\$ 370,105

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	50.00000
Population	0.12057
TOTAL POINTS	100.12057

Project Name, Number

ELIZABETH CITY

340942-05

STORMWATER MANAGEMENT

Priority List Rank

98

County

UNION

Existing Population

120,568

Service Area

City of Elizabeth

Need for Project

Elizabeth proposes to install a storm sewer to serve a section of the City, and will connect it to an existing storm sewer to separate the runoff from the City's combined system.

Project Description

The proposed project includes construction of 30" & 36" offsite storm sewer to collect storm water and convey it to an existing separate storm sewer.

Anticipated Recipient : WARREN COUNTY

Project No. : 343035-01 Eligible Project Cost: \$ 3,185,630

FY04 Rank : 99

County : WARREN Total State Amount : \$ 3,185,630

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.10244

TOTAL POINTS 100.10244

Project Name, Number

WARREN COUNTY
343035-01
LAND ACQUISITION

Priority List Rank

99

County

WARREN

Existing Population

102,437

Service Area

Warren County

Need for Project

The County plans to purchase land throughout the county 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 includes the purchase of land throughout Warren County to preserve open space and to protect water quality.

Anticipated Recipient	:	LINDEN ROSELLE SA		
Project No.	:	340299-06	Eligible Project Cost:	\$ 12,479,093
FY04 Rank	:	100		
County	:	UNION	Total State Amount	: \$ 12,479,093

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.10070
TOTAL POINTS	100.10070

Project Name, Number

LINDEN ROSELLE SA
340299-06
SLUDGE MANAGEMENT

Priority List Rank

100

County

UNION

Existing Population

100,700

Service Area

City of Linden and the Borough of Roselle

Need for Project

The proposed project will provide more reliable operation of LRSA's sludge handling facilities.

Project Description

The proposed project upgrades the sludge handling facilities at the LRSA wastewater treatment plant and includes the rehabilitation of the two existing anaerobic digesters and associated equipment, the rehabilitation of the sludge storage tank covers, replacement of the dissolved air flotation thickeners with gravity belt thickeners, and replacement of valves throughout the sludge handling facilities.

Anticipated Recipient : EDISON TOWNSHIP

Project No. : 343027-02 Eligible Project Cost: \$ 55,475,227

FY04 Rank : 101

County : MIDDLESEX Total State Amount : \$ 55,475,227

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.09769

TOTAL POINTS 100.09769

Project Name, Number

EDISON TOWNSHIP
343027-02
LAND ACQUISITION

Priority List Rank

101

County

MIDDLESEX

Existing Population

97,687

Service Area

Township of Edison

Need for Project

The Township plans to purchase parcels of 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 is for the purchase of land including the Raritan River Ravine, Silver Lake, Glendale Avenue/Martin's Dock and other lands to preserve open space, to protect water quality and to safeguard wildlife habitats.

NEW JERSEY STATE LIBRARY

Anticipated Recipient	:	CAMDEN CITY		
Project No.	:	340366-03	Eligible Project Cost:	\$ 22,131
FY04 Rank	:	102		
County	:	CAMDEN	Total State Amount	\$ 22,131

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	50.00000
Population	0.08700
TOTAL POINTS	100.08700

Project Name, Number

CAMDEN CITY
340366-03
PS REHABILITATION

Priority List Rank

102

County

CAMDEN

Existing Population

87,000

Service Area

City of Camden

Need for Project

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

Project Description

The proposed project consists of the purchase and installation of the necessary equipment to replace the existing lift station.

Anticipated Recipient : TRENTON CITY

Project No.	:	340416-11	Eligible Project Cost:	\$	3,997,392
FY04 Rank	:	103			
County	:	MERCER	Total State Amount	:	\$ 3,997,392

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		0

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		25

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 50.00000

Population 0.08540

TOTAL POINTS 75.08540

Project Name, Number

Priority List Rank

TRENTON CITY

103

340416-11

STP

County

MERCER

Existing Population

85,403

Service Area

City of Trenton

Need for Project

The primary treatment system at the Trenton Sewage Treatment Plant was built in 1957. Rehabilitation of this system will modernize the process and provide a more reliable system that will improve solids removal in the plant improving the quality of the discharge to the Delaware River.

Project Description

The proposed project includes rehabilitation of eight primary settling tanks, including all biosolids collection equipment; replacement of eight original pumps and piping; and installation of a new motor control system.

Anticipated Recipient : TRENTON CITY

Project No. : 340416-12 Eligible Project Cost : \$ 2,718,518

FY04 Rank : 103

County : MERCER Total State Amount : \$ 2,718,518

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 50.00000

Population 0.08540

TOTAL POINTS 100.08540

Project Name, Number

Priority List Rank

TRENTON CITY

103

340416-12

SEWER REHABILITATION

County

MERCER

Existing Population

85,403

Service Area

City of Trenton

Need for Project

The City of Trenton's brick sewers date back to the 1800's. They are in dire need of repair and are subject to exfiltration, which threatens the quality of the surrounding groundwater.

Project Description

The City proposes to line and stabilize deteriorated brick using various trenchless rehabilitation processes.

Anticipated Recipient	:	MIDDLETOWN TOWNSHIP		
Project No.	:	343021-01	Eligible Project Cost:	\$ 9,273,161
FY04 Rank	:	105		
County	:	MONMOUTH	Total State Amount	\$ 9,273,161

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.06818
TOTAL POINTS	100.06818

Project Name, Number

MIDDLETOWN TOWNSHIP
343021-01
LAND ACQUISITION

Priority List Rank

105

County

MONMOUTH

Existing Population

68,183

Service Area

Township of Middletown

Need for Project

The Township plans to purchase land including the Reid, Conway and Schildge tracts 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 land including the Reid, Conway and Schildge tracts to preserve open space and to protect water quality.

Anticipated Recipient	:	BRICK TOWNSHIP		
Project No.	:	343010-02	Eligible Project Cost:	\$ 2,564,917
FY04 Rank	:	106		
County	:	OCEAN	Total State Amount	\$ 2,564,917

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.06647
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TOTAL POINTS	100.06647
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Project Name, Number

Priority List Rank

BRICK TOWNSHIP

106

343010-02

LAND ACQUISITION

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. 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.

Anticipated Recipient	:	PARSIPPANY-TROY HILLS TWP		
Project No.	:	340886-01	Eligible Project Cost:	\$ 1,398,180
FY04 Rank	:	107		
County	:	MORRIS	Total State Amount	: \$ 1,398,180

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.06310
TOTAL POINTS	100.06310

Project Name, Number

Priority List Rank

PARSIPPANY-TROY HILLS TWP
340886-01
SLUDGE HANDLING FACILITIES

107

County

MORRIS

Existing Population

63,100

Service Area

Parsippany Troy Hills, Mountain Lakes Borough, East Hanover Township

Need for Project

This project is required to provide an additional sludge blending tank and grit removal equipment including belt filter press for dewatering with associated piping and pumping equipment. It should be noted that the present facilities for handling sludge waste generated from other sewage treatment plants are inadequate. The project is necessary to insure that additional sludge facilities for existing and future development is in conformance with approved facilities plan.

Project Description

Parsippany-Troy Hills has completed an NJDEP approved facilities plan which recommends construction of facilities that include an additional sludge blending tank, grit removal equipment and belt filter press for dewatering with associated piping and pumping equipment.

Anticipated Recipient	:	BAYONNE LOCAL REDEVELOPMENT AUTHORITY		
Project No.	:	342009-01	Eligible Project Cost:	\$ 3,941,003
FY04 Rank	:	108		
County	:	HUDSON	Total State Amount	\$ 3,941,003

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.06184
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TOTAL POINTS	100.06184
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Project Name, Number

Priority List Rank

BAYONNE LOCAL REDEVELOPMENT AUTHORITY
342009-01
LANDFILL CLOSURE

108

County

HUDSON

Existing Population

61,842

Service Area

City of Bayonne

Need for Project

A 26 acre landfill in Bayonne requires final capping.

Project Description

The project will include the installation of a final cap consisting of 18-inches of fill overlain by a 6-inch topsoil erosion layer along with erosion controls and groundwater monitoring.

Anticipated Recipient	:	OLD BRIDGE MUA		
Project No.	:	340945-04	Eligible Project Cost:	\$ 33,032,119
FY04 Rank	:	109		
County	:	MIDDLESEX	Total State Amount	\$ 33,032,119

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.06046
TOTAL POINTS	100.06046

Project Name, Number

Priority List Rank

OLD BRIDGE MUA

109

340945-04

COLLECTION SYSTEM

County

MIDDLESEX

Existing Population

60,456

Service Area

Old Bridge Township, S. Old Bridge Brook Drainage Basin and Runyon Drainage Basin

Need for Project

South Old Bridge area is presently serviced by on-site systems. Many of these systems are malfunctioning.

Project Description

The proposed project consists of 2 pumping stations, trunk sewer, force main and collection systems.

Anticipated Recipient	:	OLD BRIDGE MUA		
Project No.	:	340945-01	Eligible Project Cost:	\$ 1,780,655
FY04 Rank	:	109		
County	:	MIDDLESEX	Total State Amount	\$ 1,780,655

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.06046
TOTAL POINTS	100.06046

Project Name, Number

OLD BRIDGE MUA
340945-01
COLLECTION SYSTEM

Priority List Rank

109

County

MIDDLESEX

Existing Population

60,456

Service Area

Old Bridge Township; Genoa Area

Need for Project

Genoa Area and Old Amboy road of the Old Bridge Township is presently served by on-site systems. Many of these systems are malfunctioning.

Project Description

The project consists of the construction of a gravity collection system in Genoa which will connect to an existing system and be transported to MCUA STP and also the rehabilitation of 2 pump stations.

Anticipated Recipient	:	GLOUCESTER TOWNSHIP		
Project No.	:	343014-01	Eligible Project Cost:	\$ 1,328,374
FY04 Rank	:	111		
County	:	CAMDEN	Total State Amount	\$ 1,328,374

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.05380
TOTAL POINTS	100.05380

Project Name, Number

Priority List Rank

GLOUCESTER TOWNSHIP
343014-01
LAND ACQUISITION

111

County

CAMDEN

Existing Population

53,797

Service Area

Township of Gloucester

Need for Project

The Township plans to purchase the Lake Mathilde and Country Oaks land parcels 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 land including 81 acres of the Lake Mathilde parcel and the Country Oaks parcel to preserve open space and to protect water quality.

Anticipated Recipient	:	CAPE MAY COUNTY MUA		
Project No.	:	340661-06	Eligible Project Cost:	\$ 12,302,395
FY04 Rank	:	112		
County	:	CAPE MAY	Total State Amount	: \$ 12,302,395

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.05014
TOTAL POINTS	100.05014

Project Name, Number

Priority List Rank

CAPE MAY COUNTY MUA
340661-06
SLUDGE MANAGEMENT

112

County

CAPE MAY

Existing Population

50,140

Service Area

Cape May County MUA - Wildwood/Lower Region and CMCMUA - Seven
Mile/Middle Region

Need for Project

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

Project Description

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

Anticipated Recipient	:	STONY BROOK REGIONAL SA		
Project No.	:	340400-04	Eligible Project Cost:	\$ 10,549,210
FY04 Rank	:	113		
County	:	MERCER	Total State Amount	: \$ 10,549,210

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.05000
TOTAL POINTS	100.05000

Project Name, Number

Priority List Rank

STONY BROOK REGIONAL SA

113

340400-04

SLUDGE MANAGEMENT IMPROVEMENTS

County

MERCER

Existing Population

50,000

Service Area

Princeton Borough, Princeton Township, South Brunswick Township, West Windsor Township, Hopewell Borough, and Pennington Borough

Need for Project

The project has dual purposes - cost savings and environmental improvements. The objective of the project is to greatly reduce energy (natural gas) consumption and decrease air pollutant emissions. The rising cost of fuel requires modifications to be made to the incinerator and its air pollution control train to reduce fuel usage. The project will also result in significantly "cleaner" air emissions.

Project Description

The project includes improvements to the existing sludge dewatering facilities, incinerator, and incinerator air pollution control equipment. The project will include replacement of existing belt filter presses with new dewatering equipment; addition of burners to incinerators; addition of new induced-draft fan, scrubbers, wet electrostatic precipitator, and recuperative afterburners to incinerator air pollution control process train.

Anticipated Recipient	:	WANAQUE VALLEY REG SA		
Project No.	:	340390-05	Eligible Project Cost:	\$ 25,607,620
FY04 Rank	:	114		
County	:	PASSAIC	Total State Amount	: \$ 25,607,620

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.04776
TOTAL POINTS	100.04776

Project Name, Number

Priority List Rank

WANAQUE VALLEY REG SA

114

340390-05

SLUDGE/SEPTAGE TREATMENT/DISPOSAL

County

PASSAIC

Existing Population

47,760

Service Area

The Wanaque Valley Regional Sewerage Authority's (WVRSa) Water Pollution Control Facility includes the service areas of Wanaque, Ringwood, and West Milford.

Need for Project

Growth, for this region, is expected to outpace other areas of New Jersey due to the long-awaited extension of Route 287, linking several major arteries of the metropolitan area. For this reason, land acquisition for an approximate 2.0 MGD expansion of the facility was initiated in 1988.

Infiltration and inflow have had negative effects on the existing facility's past performance. Rehabilitation of the I/I is crucial in optimizing the facility's performance.

The sludge produced by the WVRSa's Water Pollution Control Facility is being transported off-site to the TBRSA's incinerator. The incinerator authority charges disposal fees by the gallon, resulting in excessive sludge disposal costs.

There are no facilities within WVRSa's service area accepting septage wastes at this time. The TBRSA's facility is currently identified as disposal site for septage generated in the WVRSa's service. As with sludge, continued treatment capacity for the area's septage wastes is not assured at the TBRSA facility, and disposal costs are high.

The WVRSa is required by the regulations promulgated under PL 92-500 and by the USEPA to develop a long term sludge management plan that is the most cost-effective, environmentally sound and implementable solution to the disposal problem.

Project Description

The WVRSa can reduce the excessive sludge disposal costs with the addition of a sludge thickening system. Although incineration of dewatered or thickened sludge is the most cost-effective and promising alternative at this time as plant capacity increases, in-vessel composting becomes most cost effective and is preferred.

In addition, acceptance of septage at the local treatment plants rather than directly at the incinerator facility will reduce homeowner's disposal costs. The selected plan, soon to be completed, will provide a long term sludge management system that will accommodate the quantity of sludge generated within the WVRSa and PRBRSA regions.

Anticipated Recipient	:	WASHINGTON TOWNSHIP (GLOUCESTER CO.)		
Project No.	:	343044-01	Eligible Project Cost:	\$ 1,019,650
FY04 Rank	:	115		
County	:	GLOUCESTER	Total State Amount	\$ 1,019,650

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.04711
TOTAL POINTS	100.04711

Project Name, Number

Priority List Rank

WASHINGTON TOWNSHIP (GLOUCESTER CO.)

115

343044-01

LAND ACQUISITION

County

GLOUCESTER

Existing Population

47,114

Service Area

Township of Washington

Need for Project

The Township plans to purchase land for water quality protection. The preservation and conservation of the land is important to help protect and maintain the natural ability of the wetlands to filter nonpoint source contaminants and absorb stormwater runoff 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 the Rio Grande Tract and the Goodwin Tract to preserve open space and to protect water quality.

Anticipated Recipient	:	WAYNE TOWNSHIP		
Project No.	:	340929-01	Eligible Project Cost:	\$ 1,861,346
FY04 Rank	:	116		
County	:	PASSAIC	Total State Amount	\$ 1,861,346

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.04555
TOTAL POINTS	100.04555

Project Name, Number

Priority List Rank

WAYNE TOWNSHIP

116

340929-01

COLLECTION SYSTEM

County

PASSAIC

Existing Population

45,550

Service Area

This project will serve various areas throughout the Township such as Ludlum Road, Arbor Road, Riverlawn Drive, Riverdale Drive, and Hoffman Grove area.

Need for Project

Many areas of the Township presently served by on-site systems have exhibited problems and/or malfunctions as evidenced by foul odors and numerous homeowner complaints, thus causing a public nuisance. As determined by the soil conservation service, these areas correspond to soils with severe limitations for on-site disposal.

Project Description

This project is for the construction of a sanitary sewer collection system within problem areas of the Township. All of the areas will tie into existing transmission lines for ultimate disposal at the Mountain View treatment plant.

Anticipated Recipient	:	FRANKLIN TOWNSHIP		
Project No.	:	343017-01	Eligible Project Cost:	\$ 21,625,688
FY04 Rank	:	117		
County	:	SOMERSET	Total State Amount	: \$ 21,625,688

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.04278
TOTAL POINTS	100.04278

Project Name, Number

FRANKLIN TOWNSHIP
343017-01
LAND ACQUISITION

Priority List Rank

117

County

SOMERSET

Existing Population

42,780

Service Area

Township of Franklin

Need for Project

The Township plans to purchase 12 parcels of land including the Catalpa and Princeton Highlands 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 591 acres of land including the Catalpa and Princeton Highlands tracts to preserve open space and to protect water quality.

Anticipated Recipient	:	EVESHAM TOWNSHIP		
Project No.	:	343023-02	Eligible Project Cost:	\$ 826,649
FY04 Rank	:	118		
County	:	BURLINGTON	Total State Amount	\$ 826,649

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		<u>100</u>

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		<u>0</u>

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				<u>0</u>

State Planning Commission	0.00000
Population	0.04228
TOTAL POINTS	100.04228

Project Name, Number

Priority List Rank

EVESHAM TOWNSHIP

118

343023-02

LANDACQUISITION

County

BURLINGTON

Existing Population

42,275

Service Area

Township of Evesham

Need for Project

The Township plans to purchase several parcels of land to protect stream corridors, watersheds, and 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 is for the purchase of the Buchel and the Hamilton-Georgetown tracts to preserve open space and to protect water quality.

Anticipated Recipient : NEW BRUNSWICK CITY

Project No. : 340437-11 Eligible Project Cost: \$ 4,653,327

FY04 Rank : 119

County : MIDDLESEX Total State Amount : \$ 4,653,327

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 50.00000

Population 0.04200

TOTAL POINTS 100.04200

Project Name, Number

NEW BRUNSWICK CITY
340437-11
STORMWATER MANAGEMENT

Priority List Rank

119

County

MIDDLESEX

Existing Population

42,000

Service Area

High-density residential area in the eastern portion of New Brunswick

Need for Project

Deteriorating storm sewers pose the threat of collapsing. Also, sanitary connections to storm sewers need to be eliminated.

Project Description

The project consists of the rehabilitation or replacement of existing storm sewers.

Anticipated Recipient	:	NEW BRUNSWICK CITY		
Project No.	:	340437-03	Eligible Project Cost:	\$ 950,799
FY04 Rank	:	120		
County	:	MIDDLESEX	Total State Amount	\$ 950,799

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	50.00000
Population	0.04171
TOTAL POINTS	100.04171

Project Name, Number

NEW BRUNSWICK CITY
340437-03
I/I CORRECTION

Priority List Rank

120

County

MIDDLESEX

Existing Population

41,710

Service Area

City of New Brunswick

Need for Project

The existing sewer system in the City of New Brunswick is suspected of containing excessive I/I, partially due to the combined nature of its sewer system.

Project Description

The proposed project consists of the construction of improvement to the City's sewer system, including grouting, slip lining and other corrective measures.

Anticipated Recipient	:	HOWELL TOWNSHIP		
Project No.	:	343011-01	Eligible Project Cost:	\$ 2,049,114
FY04 Rank	:	121		
County	:	MONMOUTH	Total State Amount	\$ 2,049,114

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.03899
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TOTAL POINTS	100.03899
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Project Name, Number

Priority List Rank

HOWELL TOWNSHIP
343011-01
LAND ACQUISITION

121

County

MONMOUTH

Existing Population

38,987

Service Area

Township of Howell

Need for Project

The Township plans to purchase 203 acres on the Schuch and Hascup farms 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 203 acres on the Schuch and Hascup farms to preserve open space and to protect water quality.

Anticipated Recipient : HACKENSACK CITY

Project No. : 343024-01 Eligible Project Cost: \$ 735,292

FY04 Rank : 122

County : BERGEN Total State Amount : \$ 735,292

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.03705

TOTAL POINTS 100.03705

Project Name, Number

Priority List Rank

HACKENSACK CITY

122

343024-01

LAND ACQUISITION

County

BERGEN

Existing Population

37,049

Service Area

City of Hackensack

Need for Project

The City plans to purchase land along the Hackensack River Waterfront Corridor 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 includes the purchase of land along the Hackensack River Waterfront Corridor to preserve open space and to protect water quality.

Anticipated Recipient : LINDEN CITY

Project No. : 342005-01 Eligible Project Cost: \$ 9,482,452

FY04 Rank : 123

County : UNION Total State Amount : \$ 9,482,452

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.03670

TOTAL POINTS 100.03670

Project Name, Number

LINDEN CITY
342005-01
NPS MANAGEMENT/LANDFILL CLOSURES

Priority List Rank

123

County

UNION

Existing Population

36,701

Service Area

City of Linden

Need for Project

The City of Linden Sanitary Landfill is currently operating under an ACO. The City has submitted a revised Closure Plan to the Department in accordance with the Amended ACO requirements, which include final landfill capping, a stormwater management system, and methane gas management system. Proper closure of the Linden Landfill will minimize the amount of leachate generated and will also minimize adverse impacts from uncontrolled runoff.

Project Description

The proposed landfill cover includes a synthetic plastic liner to prevent percolating rainwater from coming into contact with waste. The proposed stormwater collection and conveyance system will direct runoff into a detention basin before discharging to surface waters. The proposed project also includes a methane gas collection system.

Anticipated Recipient	:	EVESHAM TOWNSHIP		
Project No.	:	342003-01	Eligible Project Cost:	\$ 3,055,927
FY04 Rank	:	124		
County	:	BURLINGTON	Total State Amount	: \$ 3,055,927

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03531
TOTAL POINTS	100.03531

Project Name, Number

EVESHAM TOWNSHIP
342003-01
LANDFILL CLOSURE

Priority List Rank

124

County

BURLINGTON

Existing Population

35,309

Service Area

Evesham Township

Need for Project

The Township's former landfill is generating leachate, which is causing surface and groundwater impacts in an area containing the headwaters of two drainage basins. A capping system is needed to reduce infiltration, which will subsequently minimize further leachate generation and migration.

Project Description

The proposed project will include the construction of a capping system consisting of an impervious clay cap, a sand drainage layer, a vegetative layer, a ground/surface water monitoring system, and drainage improvements. The entire landfill will be re-contoured to remove waste around the perimeter and to establish appropriate cross slope grades.

Anticipated Recipient : MANALAPAN TOWNSHIP

Project No. : 343039-01 Eligible Project Cost: \$ 3,471,822

FY04 Rank : 125

County : MONMOUTH Total State Amount : \$ 3,471,822

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.03342

TOTAL POINTS 100.03342

Project Name, Number

Priority List Rank

MANALAPAN TOWNSHIP
343039-01
LAND ACQUISITION

125

County

MONMOUTH

Existing Population

33,423

Service Area

Township of Manalapan

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. 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.

Anticipated Recipient	:	MOUNT LAUREL TOWNSHIP		
Project No.	:	343015-01	Eligible Project Cost:	\$ 4,174,867
FY04 Rank	:	126		
County	:	BURLINGTON	Total State Amount	: \$ 4,174,867

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.03027
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TOTAL POINTS	100.03027
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Project Name, Number

Priority List Rank

MOUNT LAUREL TOWNSHIP
343015-01
LAND ACQUISITION

126

County

BURLINGTON

Existing Population

30,270

Service Area

Township of Mount Laurel

Need for Project

The Township plans to purchase land including the Palumbo parcel, the Neuber Trust, and the McKay Trust 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 land including the Palumbo parcel, the 23 acre Neuber Trust, and the 48 acre McKay Trust to preserve open space and to protect water quality.

Anticipated Recipient	:	WINSLOW TWP		
Project No.	:	340895-02	Eligible Project Cost:	\$ 2,722,377
FY04 Rank	:	127		
County	:	CAMDEN	Total State Amount	: \$ 2,722,377

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.03009
TOTAL POINTS	100.03009

Project Name, Number

Priority List Rank

WINSLOW TWP

127

340895-02

COLLECTION SYSTEM, PUMPING STATION, FORCE

County

CAMDEN

Existing Population

30,090

Service Area

Winslow Township

Need for Project

A portion of Winslow Township is presently served by on-site systems. Many of these systems are malfunctioning; consequently, there is potential for groundwater contamination.

Project Description

The project consists of the construction of gravity sewer lines, pumping stations and force mains. The areas to be served are a portion a residential area, a church and two schools in Winslow Township. The collection system will be proposed to convey 73,000 gallons of wastewater per day initially. The proposed system will discharge to the Route 73 corridor project which is under construction and it will ultimately be conveyed to the CCMUA Delaware No. 1 Water Pollution Control Facility (WPCF) at Camden.

Anticipated Recipient	:	VOORHEES TOWNSHIP		
Project No.	:	340875-01	Eligible Project Cost:	\$ 5,630,570
FY04 Rank	:	128		
County	:	CAMDEN	Total State Amount	\$ 5,630,570

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.02813
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TOTAL POINTS	100.02813
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Project Name, Number

Priority List Rank

VOORHEES TOWNSHIP

128

340875-01

COLLECTION SYSTEM, FORCE MAIN & PUMP STATION

County

CAMDEN

Existing Population

28,126

Service Area

Voorhees Township

Need for Project

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

Project Description

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

Anticipated Recipient	:	MT HOLLY SA		
Project No.	:	340819-02	Eligible Project Cost:	\$ 5,203,507
FY04 Rank	:	129		
County	:	BURLINGTON	Total State Amount	: \$ 5,203,507

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.02659
TOTAL POINTS	100.02659

Project Name, Number

Priority List Rank

MT HOLLY SA
340819-02
SLUDGE MANAGEMENT

129

County

BURLINGTON

Existing Population

26,590

Service Area

Mount Holly, Eastampton, Lumberton, Hainesport, part of Westampton

Need for Project

This is a sludge management project. The Mount Holly Sewerage Authority Wastewater Treatment Plant has been expanded and upgraded from 2.0 mgd to 5.0 mgd flow under USEPA/State project no. C340251 grant. The (201) Facilities Plan recommended that ultimate sludge disposal would be to a licensed landfill.

Subsequent to the completion of this original facilities plan and the initiation of construction of the plant expansion, the State of New Jersey enacted new laws relative to the treatment and disposal of sludge. Accordingly, the Mount Holly Sewerage Authority was required to prepare a sludge management plan in accordance with the current state guidelines for the preparation of sludge management plans.

Project Description

The project consists of construction of sludge management facilities at the existing Mount Holly SA Sewage Treatment Plant site. This is a short term solution only.

The ultimate sludge disposal will be incorporated into the on-going county-wide sludge and septage management plan recommendations. Mt. Holly will subsequently become a contingency back-up facility for sludge/septage treatment.

Anticipated Recipient	:	FREEHOLD TOWNSHIP		
Project No.	:	340304-01	Eligible Project Cost:	\$ 4,886,714
FY04 Rank	:	130		
County	:	MONMOUTH	Total State Amount	\$ 4,886,714

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.02471
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TOTAL POINTS	100.02471
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Project Name, Number

Priority List Rank

FREEHOLD TOWNSHIP
340304-01
COLLECTION SYSTEM

130

County

MONMOUTH

Existing Population

24,710

Service Area

Unsewered areas within the Township of Freehold

Need for Project

The construction of sanitary sewers will eliminate the use of existing, failing on-site septic systems in developed portions of the Township.

Project Description

The proposed project consists of construction of approximately 24,300 LF of gravity sewers, two pump stations and related force mains and a low pressure sewer system to serve approximately 365 existing homes.

Anticipated Recipient	:	FREEHOLD TOWNSHIP		
Project No.	:	343018-01	Eligible Project Cost:	\$ 2,718,518
FY04 Rank	:	130		
County	:	MONMOUTH	Total State Amount	: \$ 2,718,518

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.02471
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TOTAL POINTS	100.02471
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Project Name, Number

Priority List Rank

FREEHOLD TOWNSHIP
343018-01
LAND ACQUISITION

130

County

MONMOUTH

Existing Population

24,710

Service Area

Township of Freehold

Need for Project

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

Project Description

The proposed project includes the purchase of land adjacent to the headwaters of the Metedeconk and Manasquan Rivers to preserve open space and to protect water quality.

Anticipated Recipient	:	GLOUCESTER CO UA (MONROE)		
Project No.	:	340526-03	Eligible Project Cost:	\$ 2,911,180
FY04 Rank	:	132		
County	:	GLOUCESTER	Total State Amount	: \$ 2,911,180

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02314
TOTAL POINTS	100.02314

Project Name, Number

Priority List Rank

GLOUCESTER CO UA (MONROE)

132

340526-03

COLLECTION SYSTEM, SLUDGE MANAGEMENT

County

GLOUCESTER

Existing Population

23,140

Service Area

Monroe Township

Need for Project

Failure of on-site sewage disposal systems within the township, surrounding Victory, Timber and Sunset Lakes have created a public nuisance, and have contributed to water quality degradation in the area.

Project Description

The facilities plan recommends the construction of a collection system, interceptor, pump stations and force mains. Sewage will flow to GCUA for treatment and disposal.

Anticipated Recipient	:	SOUTH BRUNSWICK TOWNSHIP		
Project No.	:	340897-01	Eligible Project Cost:	\$ 1,254,485
FY04 Rank	:	133		
County	:	MIDDLESEX	Total State Amount	: \$ 1,254,485

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.02236
TOTAL POINTS	100.02236

Project Name, Number

Priority List Rank

SOUTH BRUNSWICK TOWNSHIP
340897-01
COLLECTION SYSTEM

133

County

MIDDLESEX

Existing Population

22,360

Service Area

This project will serve existing and new development along the Major Road area of the Township.

Need for Project

Approximately 36 homes are served by on-site systems, a significant portion of which have exhibited problems and/or malfunctions, thus causing a public nuisance. The Soil Conservation Service has determined that the Major Road area corresponds to soils with severe limitations for on-site disposal systems. South Brunswick Township will apply under the Public Health Hazard Bypass provisions of the priority system.

Project Description

The proposed project is for the construction of approximately 4,500 feet of ten inch sewer line and 1,450 feet of eight inch sewer line. The project also calls for the reconstruction of approximately 834 feet of the existing "Town Center Sewer". Approximately 31 of the existing properties could make gravity connection to the sewer line and the other 5 homes would have to utilize small grinder pumps to tie into the proposed project.

Anticipated Recipient	:	WEST WINDSOR TOWNSHIP		
Project No.	:	343005-02	Eligible Project Cost:	\$ 7,846,596
FY04 Rank	:	134		
County	:	MERCER	Total State Amount	: \$ 7,846,596

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.02191
TOTAL POINTS	100.02191

Project Name, Number

Priority List Rank

WEST WINDSOR TOWNSHIP
343005-02
LAND ACQUISITION

134

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 including 331 acres in the Duck Pond Run Basin Area to preserve open space and to protect water quality.

Anticipated Recipient	:	MONTVILLE TOWNSHIP		
Project No.	:	343030-03	Eligible Project Cost:	\$ 1,239,421
FY04 Rank	:	135		
County	:	MORRIS	Total State Amount	: \$ 1,239,421

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.02084
TOTAL POINTS	100.02084

Project Name, Number

Priority List Rank

MONTVILLE TOWNSHIP
343030-03
LAND ACQUISITION

135

County

MORRIS

Existing Population

20,839

Service Area

Township of Montville

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. 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 14 properties to preserve open space and to protect water quality.

Anticipated Recipient	:	RANDOLPH TOWNSHIP		
Project No.	:	343007-01	Eligible Project Cost:	\$ 10,903,537
FY04 Rank	:	136		
County	:	MORRIS	Total State Amount	: \$ 10,903,537

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.01997
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TOTAL POINTS	100.01997
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Project Name, Number

Priority List Rank

RANDOLPH TOWNSHIP
343007-01
LAND ACQUISITION

136

County

MORRIS

Existing Population

19,974

Service Area

Township of Randolph

Need for Project

The Township plans to purchase the Clyde Potts Reservoir and the surrounding drainage basin 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 the Clyde Potts Reservoir and the surrounding drainage basin to preserve open space and to protect water quality.

Anticipated Recipient	:	MORRIS TOWNSHIP		
Project No.	:	343022-01	Eligible Project Cost:	\$ 2,718,518
FY04 Rank	:	137		
County	:	MORRIS	Total State Amount	: \$ 2,718,518

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01995
TOTAL POINTS	100.01995

Project Name, Number

Priority List Rank

MORRIS TOWNSHIP

137

343022-01

LAND ACQUISITION

County

MORRIS

Existing Population

19,952

Service Area

Township of Morris

Need for Project

The Township plans to purchase land within the Jockey Hollow Top Tract and other lands 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 includes the purchase of land within the Jockey Hollow Top Tract and other lands to preserve open space and to protect water quality.

Anticipated Recipient	:	ROCKAWAY TOWNSHIP		
Project No.	:	340478-05	Eligible Project Cost:	\$ 17,510,632
FY04 Rank	:	138		
County	:	MORRIS	Total State Amount	: \$ 17,510,632

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01956
TOTAL POINTS	100.01956

Project Name, Number

Priority List Rank

ROCKAWAY TOWNSHIP

138

340478-05

COLLECTION SYSTEM, INTERCEPTOR

County

MORRIS

Existing Population

19,560

Service Area

Rockaway Township

Need for Project

Certain areas of the Township have malfunctioning septic systems which have been creating a potential health hazard situation and public nuisance.

Project Description

It is anticipated that this project will be for a collection system or other alternative system in White Meadow Lake and remaining unsewered areas of the Township. This project will alleviate the potential health hazard caused by malfunctioning septic systems.

Anticipated Recipient	:	POINT PLEASANT BOROUGH		
Project No.	:	343025-01	Eligible Project Cost:	\$ 654,846
FY04 Rank	:	139		
County	:	OCEAN	Total State Amount	: \$ 654,846

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.01818
TOTAL POINTS	100.01818

Project Name, Number

Priority List Rank

POINT PLEASANT BOROUGH
343025-01
LAND ACQUISITION

139

County

OCEAN

Existing Population

18,177

Service Area

Borough of Point Pleasant

Need for Project

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

Project Description

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

Anticipated Recipient	:	ASBURY PARK CITY		
Project No.	:	340883-01	Eligible Project Cost:	\$ 746,386
FY04 Rank	:	140		
County	:	MONMOUTH	Total State Amount	\$ 746,386

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.01625
TOTAL POINTS	100.01625

Project Name, Number

Priority List Rank

ASBURY PARK CITY

140

340883-01

SLUDGE MANAGEMENT

County

MONMOUTH

Existing Population

16,250

Service Area

Asbury Park City

Need for Project

The sludge generated at the City's wastewater treatment facilities is trucked to a landfill; this is not a viable long term method for sludge disposal. Additional sludge is generated due to the secondary treatment facilities being completed.

Project Description

This project consists of land application of sludge.

Anticipated Recipient	:	MONTVILLE TOWNSHIP MUA		
Project No.	:	340931-02	Eligible Project Cost:	\$ 16,484,390
FY04 Rank	:	141		
County	:	MORRIS	Total State Amount	: \$ 16,484,390

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01620
TOTAL POINTS	100.01620

Project Name, Number

Priority List Rank

MONTVILLE TOWNSHIP MUA
340931-02
COLLECTION SYSTEM

141

County

MORRIS

Existing Population

16,200

Service Area

Montville Township

Need for Project

An expansion of the collection system is needed to replace inadequate on-site systems which are malfunctioning and pose a potential health hazard to local residents by adversely impacting well waters.

Project Description

The proposed project involves the construction of lateral sewers and a pumping station to relieve malfunctioning septic systems. This project will provide a collection system for the remaining areas of the Township. These areas include areas 7, 8, 9, 14 and 15-5 as identified in the amendment to the 1981 facilities plan (dated June 1, 1990). Wastewater will be conveyed to the Parsippany-Troy Hills STP for treatment.

Anticipated Recipient	:	READINGTON TOWNSHIP		
Project No.	:	343034-02	Eligible Project Cost:	\$ 430,399
FY04 Rank	:	142		
County	:	HUNTERDON	Total State Amount	\$ 430,399

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.01580
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TOTAL POINTS	100.01580
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Project Name, Number

READINGTON TOWNSHIP
343034-02
LAND ACQUISITION

Priority List Rank

142

County

HUNTERDON

Existing Population

15,803

Service Area

Township of Readington

Need for Project

Open lands still remaining in Readington serve as water quality protection for the headwaters of vital tributaries to the North and South Branches to the Raritan River. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of land including parcels in the Raritan Basin Management Area to preserve open space and to protect water quality.

NEW JERSEY STATE LIBRARY

Anticipated Recipient	:	MANCHESTER TWP		
Project No.	:	340650-03	Eligible Project Cost:	\$ 8,972,628
FY04 Rank	:	143		
County	:	OCEAN	Total State Amount	\$ 8,972,628

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01540
TOTAL POINTS	100.01540

Project Name, Number

Priority List Rank

MANCHESTER TWP

143

340650-03

COLLECTION SYSTEM

County

OCEAN

Existing Population

15,400

Service Area

Parts of Manchester Township

Need for Project

The tremendous rate of growth in the planning area, coupled with an increasing number of septic tanks, has placed a severe strain on the very permeable sandy soils to adequately treat the domestic wastes. Because of a generally high groundwater table and the high percentage of septic system failures, pollution of the groundwater is suspected. The pollution to surface water in the planning area has already been documented in the Ocean County Areawide Water Quality Management Plan. The continuation of current septic tank problems poses a potential threat to the groundwater in the region. Therefore, a proper sewage disposal system is necessary.

Project Description

Based upon economic, environmental and engineering aspects, the construction of the following collection system has been recommended: Summit Park, 13,282 feet of gravity sewers; Savannah Acres, Low pressure/grinder pump system with 17,085 feet of 2" PVC low-pressure piping; Cedar Glen Homes, 16,000 feet of gravity sewers; Richard and Whitney Estates, 1½" and 2" low-pressure sewers; Cedar Glen West, 3,900 feet of 8" and 15" gravity sewers; a pumping station; and 8,700 feet of 6" force main. The flow from the area will be conveyed to the Ocean County Utilities Authority's Central Plant for treatment and disposal.

Anticipated Recipient	:	BERNARDS TOWNSHIP SA		
Project No.	:	340382-02	Eligible Project Cost:	\$ 542,184
FY04 Rank	:	144		
County	:	SOMERSET	Total State Amount	: \$ 542,184

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.01530
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TOTAL POINTS	100.01530
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Project Name, Number

BERNARDS TOWNSHIP SA
340382-02
COLLECTION SYSTEM

Priority List Rank

144

County

SOMERSET

Existing Population

15,300

Service Area

Bernards Township

Need for Project

Some of the septic systems of the Township are malfunctioning and thus causing potential environmental or health hazard situations and creating a public nuisance.

Project Description

This project involves construction of a new sewerage system to serve twenty-two (22) homes in the Rocky Lane/Columbia Road area of Basking Ridge. The system will consist of all gravity sewers with the exception of two properties which will require pumping to a pressure sewer. The wastewater will be conveyed to the 1.2 MGD capacity treatment plant.

Anticipated Recipient	:	GLOUCESTER COUNTY UA (FRANKLIN TWP)		
Project No.	:	340461-04	Eligible Project Cost:	\$ 7,211,095
FY04 Rank	:	145		
County	:	GLOUCESTER	Total State Amount	: \$ 7,211,095

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.01448
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TOTAL POINTS	100.01448
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Project Name, Number

Priority List Rank

GLOUCESTER COUNTY UA (FRANKLIN TWP)

145

340461-04

INTERCEPTOR, PUMP STATION, FORCE MAIN,

County

GLOUCESTER

Existing Population

14,480

Service Area

Franklin Township

Need for Project

The project area in Franklin Township consists of Franklinville, Malaga, and Newfield, which are existing developments served by individual on-lot systems. There is public nuisance associated with these on-site disposal systems in the area.

Project Description

The selected plan of the GCUA Facilities Plan calls for the complete regionalization of the proposed sewer collection systems for Franklin Township and the Borough of Newfield with an interceptor system to convey wastewater to the Landis Sewerage Authority Plant for treatment and ultimate disposal. The selected plan basically involves the construction of three pump stations, interceptors, and force mains to convey the wastewater to the Landis SA plant.

Anticipated Recipient	:	OAKLAND BOROUGH		
Project No.	:	340418-05	Eligible Project Cost:	\$ 40,854,622
FY04 Rank	:	146		
County	:	BERGEN	Total State Amount	: \$ 40,854,622

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01300
TOTAL POINTS	100.01300

Project Name, Number

Priority List Rank

OAKLAND BOROUGH

146

340418-05

COLLECTION SYSTEM

County

BERGEN

Existing Population

13,000

Service Area

Borough of Oakland

Need for Project

The area is currently served by septic systems and some small package treatment plants. Existing disposal facilities result in a public nuisance as a result of high groundwater and impervious soils.

Project Description

The facilities plan recommends the design and construction of a gravity collection system for the majority of the developed areas of the Borough and interceptor sewers. This project involves the collection and interceptor sewers.

Anticipated Recipient	:	CLINTON TOWNSHIP		
Project No.	:	343012-01	Eligible Project Cost:	\$ 13,000,360
FY04 Rank	:	147		
County	:	HUNTERDON	Total State Amount	\$ 13,000,360

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.01296
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TOTAL POINTS	100.01296
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Project Name, Number

Priority List Rank

CLINTON TOWNSHIP

147

343012-01

LAND ACQUISITION

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.

Anticipated Recipient	:	HANOVER TOWNSHIP		
Project No.	:	343003-01	Eligible Project Cost:	\$ 11,714,265
FY04 Rank	:	148		
County	:	MORRIS	Total State Amount	: \$ 11,714,265

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01290
TOTAL POINTS	100.01290

Project Name, Number

Priority List Rank

HANOVER TOWNSHIP

148

343003-01

LAND ACQUISITION

County

MORRIS

Existing Population

12,898

Service Area

Township of Hanover

Need for Project

The Township plans to purchase a parcel to protect the Stoney Brook tributary of the Whippany River and wetlands. Preservation and conservation of land is important to help protect and maintain water quality in the project area.

Project Description

The proposed project includes the purchase of approximately 66 acres in the Whippany River watershed to preserve open space, promote flood control and protect water quality.

Anticipated Recipient	:	BRIGANTINE CITY		
Project No.	:	343042-01	Eligible Project Cost:	\$ 6,614,815
FY04 Rank	:	149		
County	:	ATLANTIC	Total State Amount	: \$ 6,614,815

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.01259
TOTAL POINTS	100.01259

Project Name, Number

Priority List Rank

BRIGANTINE CITY
343042-01
LAND ACQUISITION

149

County

ATLANTIC

Existing Population

12,594

Service Area

City of Brigantine

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. 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 open space areas of a golf course located in the City and may include other lands to preserve open space and to protect water quality.

Anticipated Recipient	:	VERNON TWP		
Project No.	:	340745-02	Eligible Project Cost:	\$ 6,677,126
FY04 Rank	:	150		
County	:	SUSSEX	Total State Amount	: \$ 6,677,126

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01108
TOTAL POINTS	100.01108

Project Name, Number

Priority List Rank

VERNON TWP

150

340745-02

ALTERNATIVE WASTEWATER SYSTEM

County

SUSSEX

Existing Population

11,080

Service Area

The service area consists of the portion (62%) of Vernon Township which lies in the Pochuck Basin.

Need for Project

Vernon Township is comprised of clusters of lakeside communities (including Barry Lakes) that have developed from seasonal vacation homes to year-round dwellings. This fact, coupled with the restrictions of small, undersized lots located on soils with severe limitations for on-site systems, has resulted in an overburdening of the soil stratum. This has led to an increasing number of septic system failures which previously had functioned satisfactorily. In addition, a number of existing systems are known to be inadequate through design and/or installation deficiencies. This situation poses public health as well as nuisance problems to the Township. The needs of Vernon Township as identified under the Sussex County Step I Study (C340503-01) are to be resolved on a local level through this project.

Project Description

This project would implement the wastewater management recommendations of the Sussex County-Pochuck Facilities Plan on a local level. Collection, low pressure, and/or cluster systems may be involved in this project. On-site rehabilitation in conjunction with the establishment of a septic management district(s) may also be a viable alternative. The construction of this project should satisfy the wastewater needs of Vernon Township, as well as maintaining water quality and safeguarding the public health.

Anticipated Recipient	:	MAHWAH TOWNSHIP		
Project No.	:	340592-03	Eligible Project Cost:	\$ 9,194,418
FY04 Rank	:	151		
County	:	BERGEN	Total State Amount	: \$ 9,194,418

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01048
TOTAL POINTS	100.01048

Project Name, Number

Priority List Rank

MAHWAH TOWNSHIP

151

340592-03

COLLECTION SYSTEM, INTERCEPTOR

County

BERGEN

Existing Population

10,480

Service Area

Township of Mahwah (Portion)

Need for Project

The area is currently served by septic systems; failures appear to be contributing to the pollution of groundwater, a potable water source. This could result in health problems in the community. The project would also convey wastewater from package plants in the Township. The water quality in the area marginally meets standards for fecal coliform and nutrients.

Project Description

The project involves construction of a collection system and interceptor to serve the Fardale Section of Mahwah Township. The wastewater will be conveyed through the Northwest Bergen County Utilities Authority interceptors and then to the treatment plant in Waldwick. The project report has not been submitted by the Township.

Anticipated Recipient	:	MONTGOMERY TOWNSHIP		
Project No.	:	343029-01	Eligible Project Cost:	\$ 4,594,151
FY04 Rank	:	152		
County	:	SOMERSET	Total State Amount	: \$ 4,594,151

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00961
TOTAL POINTS	100.00961

Project Name, Number

Priority List Rank

MONTGOMERY TOWNSHIP
343029-01
LAND ACQUISITION

152

County

SOMERSET

Existing Population

9,612

Service Area

Township of Montgomery

Need for Project

The Township plans to purchase a parcel that borders the Fox Brook. 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 bordering Fox Brook to preserve open space and to protect water quality.

Anticipated Recipient	:	WANTAGE TWP		
Project No.	:	340760-03	Eligible Project Cost:	\$ 572,805
FY04 Rank	:	153		
County	:	SUSSEX	Total State Amount	: \$ 572,805

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00949
TOTAL POINTS	100.00949

Project Name, Number

Priority List Rank

WANTAGE TWP

153

340760-03

ALTERNATIVE WASTEWATER SYSTEMS

County

SUSSEX

Existing Population

9,490

Service Area

Wantage Township

Need for Project

The entire Township of Wantage is currently using on-site wastewater disposal. However, in several areas there are failing systems which qualify as a public nuisance.

Project Description

The Sussex County Municipal Utilities Authority is developing a complete wastewater treatment system which includes upgrading of the Sussex Borough STP. The Sussex Borough STP may be available to serve new systems within Wantage Township. This project includes the design and construction of a local collection system and possible upgrading of existing on-site systems for the Wantage Township area, pending submittal and approval of the Sussex County Municipal Utilities Authority-Lower Wallkill 201 Facilities Plan (No. C340573-01).

Anticipated Recipient	:	CHATHAM TOWNSHIP		
Project No.	:	340403-05	Eligible Project Cost:	\$ 708,917
FY04 Rank	:	154		
County	:	MORRIS	Total State Amount	: \$ 708,917

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00936
TOTAL POINTS	100.00936

Project Name, Number

Priority List Rank

CHATHAM TOWNSHIP

154

340403-05

SEPTAGE TREATMENT/DISPOSAL

County

MORRIS

Existing Population

9,361

Service Area

Portions of Green Village Road and Britten Road in Chatham Township

Need for Project

The Green Village service area is the last major area in Chatham Township that remains unsewered. The existing water table is high and most of the service area is adjacent to the Great Swamp National Wildlife Refuge. Several existing septic systems have failed and several more are projected to fail within the next 2 years.

Project Description

The proposed project includes installation of community and individual mound type treatment systems for those portions of Green Village Road that have failing or failed septic systems.

Anticipated Recipient	:	CHATHAM TOWNSHIP		
Project No.	:	343016-01	Eligible Project Cost:	\$ 2,718,518
FY04 Rank	:	154		
County	:	MORRIS	Total State Amount	: \$ 2,718,518

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00936
TOTAL POINTS	100.00936

Project Name, Number

CHATHAM TOWNSHIP
343016-01
LAND ACQUISITION

Priority List Rank

154

County

MORRIS

Existing Population

9,361

Service Area

Township of Chatham

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. 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.

Anticipated Recipient	:	FLORHAM PARK BOROUGH		
Project No.	:	343001-01	Eligible Project Cost:	\$ 9,782,685
FY04 Rank	:	156		
County	:	MORRIS	Total State Amount	\$ 9,782,685

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00852
TOTAL POINTS	100.00852

Project Name, Number

FLORHAM PARK BOROUGH
343001-01
LAND ACQUISITION

Priority List Rank

156

County

MORRIS

Existing Population

8,521

Service Area

Borough of Florham Park

Need for Project

The Borough plans to purchase a parcel that lies in the Passaic River Flood Control Basin. 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 about 50 acres on the Fish family farm to preserve open space and to protect water quality.

Anticipated Recipient	:	BORDENTOWN TOWNSHIP		
Project No.	:	343036-01	Eligible Project Cost:	\$ 13,550,697
FY04 Rank	:	157		
County	:	BURLINGTON	Total State Amount	: \$ 13,550,697

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00838
TOTAL POINTS	100.00838

Project Name, Number

BORDENTOWN TOWNSHIP
343036-01
LAND ACQUISITION

Priority List Rank

157

County

BURLINGTON

Existing Population

8,380

Service Area

Township of Bordentown

Need for Project

The Township has identified several parcels for purchase. 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 several parcels to preserve open space and to protect water quality.

Anticipated Recipient	:	BYRAM TOWNSHIP		
Project No.	:	343047-01	Eligible Project Cost:	\$ 1,915,067
FY04 Rank	:	158		
County	:	SUSSEX	Total State Amount	: \$ 1,915,067

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00825
TOTAL POINTS	100.00825

Project Name, Number

Priority List Rank

BYRAM TOWNSHIP

158

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 land including areas in the Lubbers Run Greenway. The total acquisition includes a conservation easement on a portion of the land (approximately 80 acres) and fee simple acquisition of land along Lubbers Run. Purchase of this land will limit development and sprawl and will preserve open space and protect water quality.

Anticipated Recipient	:	EDGEWATER PARK TOWNSHIP		
Project No.	:	343038-01	Eligible Project Cost:	\$ 147,540
FY04 Rank	:	159		
County	:	BURLINGTON	Total State Amount	: \$ 147,540

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00786
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TOTAL POINTS	100.00786
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Project Name, Number

Priority List Rank

EDGEWATER PARK TOWNSHIP
343038-01
LAND ACQUISITION

159

County

BURLINGTON

Existing Population

7,864

Service Area

Township of Edgewater Park

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. 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 maintain existing groundwater recharge capabilities.

Anticipated Recipient :	UPPER SADDLE RIVER, BOROUGH OF		
Project No. :	340909-01	Eligible Project Cost:	\$ 1,384,609
FY04 Rank :	160		
County :	BERGEN	Total State Amount :	\$ 1,384,609

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00784
TOTAL POINTS	100.00784

Project Name, Number

Priority List Rank

UPPER SADDLE RIVER, BOROUGH OF
340909-01
COLLECTION SYSTEM, INTERCEPTOR

160

County

BERGEN

Existing Population

7,840

Service Area

Southwest portion of Upper Saddle River

Need for Project

Sanitary sewers from the commercial buildings in the southwest portion of Upper Saddle River drain into the Ramsey Brook Interceptor. The Ramsey Brook Interceptor was not originally designed to handle flow from the southwest portion of Upper Saddle River. As a result, the line runs near capacity with some surcharging. Continuing commercial development in this area necessitates an alternate drainage source. Construction of a sanitary sewer collection system, which would drain into the northwest Bergen Interceptor, to serve both the expanding commercial and residential (currently served by septic system) communities in the southwest portion of Upper Saddle River has been proposed.

Project Description

Construction of a sanitary sewer collection system and interceptor. The sewer system would contain 9800 linear feet of 8-inch and 1000 linear feet of 10-inch diameter sanitary sewers.

Anticipated Recipient	:	LONG HILL TWP		
Project No.	:	340404-05	Eligible Project Cost:	\$ 14,495,600
FY04 Rank	:	161		
County	:	MORRIS	Total State Amount	: \$ 14,495,600

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00766
TOTAL POINTS	100.00766

Project Name, Number

Priority List Rank

LONG HILL TWP

161

340404-05

COLLECTION SYSTEM, INTERCEPTOR

County

MORRIS

Existing Population

7,660

Service Area

Passaic Township

Need for Project

Certain areas of Passaic Township have malfunctioning septic systems which have been creating potential health hazard situations and a public nuisance.

Project Description

It is anticipated that this project will be for a collection system including interceptors, or other alternative system to alleviate the existing septic system problems. The project report plan work has not been initiated.

Anticipated Recipient	:	MANSFIELD TOWNSHIP		
Project No.	:	343040-01	Eligible Project Cost:	\$ 1,641,302
FY04 Rank	:	162		
County	:	WARREN	Total State Amount	: \$ 1,641,302

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00665
TOTAL POINTS	100.00665

Project Name, Number

Priority List Rank

MANSFIELD TOWNSHIP
343040-01
LAND ACQUISITION

162

County

WARREN

Existing Population

6,653

Service Area

Township of Mansfield

Need for Project

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

Project Description

The proposed project includes the purchase of approximately 60 acres to preserve open space and to protect water quality.

Anticipated Recipient	:	MANCHESTER TOWNSHIP		
Project No.	:	340650-05	Eligible Project Cost:	\$ 13,791,502
FY04 Rank	:	163		
County	:	OCEAN	Total State Amount	\$ 13,791,502

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00646
TOTAL POINTS	100.00646

Project Name, Number

Priority List Rank

MANCHESTER TOWNSHIP

163

340650-05

PUMP STATION, FORCE MAIN

County

OCEAN

Existing Population

6,460

Service Area

Pine Lake Park area of Manchester Township

Need for Project

The tremendous rate of growth in the area, coupled with an increasing number of septic tanks, has placed a severe strain on the very permeable sandy soils to adequately treat the domestic wastewater. Because of a generally high groundwater table and the high percentage of septic system failures, pollution of the groundwater and surface water is suspected. Also, the current septic tank problems pose a potential threat to the health of local residents. Therefore, a proper sewage disposal system is necessary.

Project Description

The project is for the construction of three pump stations and approximately 35 miles of force mains and gravity sewers with diameters ranging from 8 inches to 24 inches. The wastewater will be conveyed to the existing 42-inch diameter Union Branch Interceptor owned and operated by the Ocean County Utilities Authority (OCUA). The wastewater will be treated at the OCUA's Central Plant located in Bayville for secondary treatment with effluent disposal to the Atlantic Ocean.

Anticipated Recipient	:	FAIRFIELD TOWNSHIP		
Project No.	:	340957-01	Eligible Project Cost:	\$ 2,192,748
FY04 Rank	:	164		
County	:	CUMBERLAND	Total State Amount	: \$ 2,192,748

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00628
TOTAL POINTS	100.00628

Project Name, Number

FAIRFIELD TOWNSHIP
340957-01
COLLECTION SYSTEM

Priority List Rank

164

County

CUMBERLAND

Existing Population

6,283

Service Area

Township of Fairfield

Need for Project

The area to be serviced relies on the discharge to groundwater through individual onsite septic systems. Many systems are close to 30 years old and nearly 80% of the lots in the Gouldtown Center project area are approximately 20,000 square feet.

Project Description

The proposed project includes the installation of 18,000 linear feet of gravity sewer ranging in size from 8 to 12 inches and the upgrade or replacement of an existing pump station.

Anticipated Recipient	:	CARLSTADT SA		
Project No.	:	340705-03	Eligible Project Cost:	\$ 5,342,181
FY04 Rank	:	165		
County	:	BERGEN	Total State Amount	\$ 5,342,181

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00612
TOTAL POINTS	100.00612

Project Name, Number

Priority List Rank

CARLSTADT SA

165

340705-03

NEW INTERCEPTOR SEWERS/COLLECTION SYSTEM

County

BERGEN

Existing Population

6,120

Service Area

Borough of Carlstadt

Need for Project

There are malfunctioning and inadequate on-site systems which cause a public nuisance in unsewered areas of Carlstadt. Additionally, a portion of Carlstadt's sewer flows are currently conveyed to the Rutherford/Carlstadt's Joint Meeting STP for treatment prior to discharge to Berry's Creek (FW2-NT/SE-2). This plant has been under a court order on consent to be abandoned in favor of regional treatment by the Bergen County Utilities Authority (BCUA). Existing water quality violates standards for dissolved oxygen, fecal coliform, and toxics.

Project Description

The facilities plan has evaluated alternative methods for the diversion of all or part of the flow from the Joint Meeting plant to the BCUA regional treatment facilities. The plan also identifies additional sanitary facilities needed to collect sewage in developed and developing areas of Carlstadt.

Anticipated Recipient	:	MILFORD BOROUGH		
Project No.	:	340805-02	Eligible Project Cost:	\$ 4,076,260
FY04 Rank	:	166		
County	:	HUNTERDON	Total State Amount	: \$ 4,076,260

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00610
TOTAL POINTS	100.00610

Project Name, Number

Priority List Rank

MILFORD BOROUGH

166

340805-02

I/I CORRECTION; SLUDGE/SEPTAGE

County

HUNTERDON

Existing Population

6,100

Service Area

Milford Borough, Holland Township

Need for Project

There is serious I/I existing in the sanitary sewer lines in Holland Township, which is causing noncompliance with the suspended solids limitations of the NJPDES permit during periods of excessive rain. In addition, the Milford Borough Sewer Utility, which is classified as a Category D facility, does not have the capability of handling septage and must plan for accepting the septage generated in its service area. Furthermore, alternatives to the treatment plant's current method of disposing of liquid sludge at a Pennsylvania landfill must be evaluated since it is on a short term basis.

Project Description

This project will be classified as a complete wastewater treatment system which includes Holland Township and Milford Borough. The Facilities Plan will develop alternatives for sludge disposal, and evaluate a septic management district. Also, an I/I and cost effectiveness analysis will be performed to determine the extent of excessive I/I in the system.

Anticipated Recipient	:	PLUMSTED TWP MUA		
Project No.	:	340607-03	Eligible Project Cost:	\$ 16,278,611
FY04 Rank	:	167		
County	:	OCEAN	Total State Amount	: \$ 16,278,611

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00601
TOTAL POINTS	100.00601

Project Name, Number

Priority List Rank

PLUMSTED TWP MUA

167

340607-03

COLLECTION SYSTEM, STP

County

OCEAN

Existing Population

6,010

Service Area

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

Need for Project

A study performed for the service area has determined that overflowing and malfunctioning septic systems, poor soils and high density housing conditions exist in the planning area. A septic system survey found 81 percent of the residents in Plumsted Township are affected by malfunctioning on-site systems. The existing school sewage plant also needs improvement to meet treatment criteria and a new school is proposed which will need a larger capacity treatment facility.

Project Description

The proposed project includes the construction of a municipal collection system and a 210,000 GPD treatment plant to be located on Bight Road and discharge to Crosswicks Creek. The New Egypt School treatment plant will be eliminated. The collection system will include the downtown area of New Egypt and will include pumping stations, force mains, gravity sewers and related appurtenances as necessary. The sludge disposal method will be incorporated into the Ocean County sludge management plan.

Anticipated Recipient	:	PLUMSTED TOWNSHIP		
Project No.	:	343019-01	Eligible Project Cost:	\$ 8,879,791
FY04 Rank	:	167		
County	:	OCEAN	Total State Amount	: \$ 8,879,791

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00601
TOTAL POINTS	100.00601

Project Name, Number

Priority List Rank

PLUMSTED TOWNSHIP
343019-01
LAND ACQUISITION

167

County

OCEAN

Existing Population

6,005

Service Area

Township of Plumsted

Need for Project

The Township plans to purchase land in aquifer recharge areas that are critical to local and regional water quality. 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.

Anticipated Recipient	:	MAHWAH TOWNSHIP		
Project No.	:	340737-01	Eligible Project Cost:	\$ 230,325
FY04 Rank	:	169		
County	:	BERGEN	Total State Amount	\$ 230,325

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00600
TOTAL POINTS	100.00600

Project Name, Number

Priority List Rank

MAHWAH TOWNSHIP

169

340737-01

ALTERNATE WASTEWATER SYSTEM

County

BERGEN

Existing Population

6,000

Service Area

Mahwah Township (unsewered portion)

Need for Project

Facilities planning in Mahwah Township has identified areas of low density development which will remain unsewered for the planning period. However, areas of soils with limitations to on-site disposal exist, and on-site systems continue to fail in these areas. These malfunctions are considered to be public nuisances and must be addressed. It is, therefore, necessary to create a management program to address the correction of malfunctioning systems in unsewered areas.

Project Description

This project is still in the planning stages and the specifics of the septic management program to be adopted by the Township have not yet been determined. However, at a minimum, the program must provide for inspections of systems every three years.

Anticipated Recipient	:	SUSSEX CO. MUA-BRANCHVILLE/FRANKFORD		
Project No.	:	340759-02	Eligible Project Cost:	\$ 7,725,030
FY04 Rank	:	170		
County	:	SUSSEX	Total State Amount	\$ 7,725,030

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00596
TOTAL POINTS	100.00596

Project Name, Number

Priority List Rank

SUSSEX CO. MUA-BRANCHVILLE/FRANKFORD
340759-02
COLLECTION SYSTEM

170

County

SUSSEX

Existing Population

5,960

Service Area

The study area is delineated as the entire drainage basin (nearly 110 miles) of the Paulinskill River in Sussex County and includes the Newton and Branchville/Frankford areas. The service area for this Phase II - Branchville/Frankford project consists of Branchville Borough and Frankford Township.

Need for Project

The service area is a clustered community which currently relies on on-site septic disposal systems for the treatment of wastewater. Many of these systems appear inadequate and are a public nuisance to the community. An on-going planning study was conducted under the Sussex County-Paulinskill planning grant (C340449-01), to determine the nature, severity, and extent of the wastewater disposal problems for the impacted areas.

Project Description

The proposed project includes the construction of a conveyance system, STP improvements and other measures which may be necessary to provide adequate wastewater treatment and disposal for the service area.

Anticipated Recipient	:	NJ WATER SA/LEBANON TOWNSHIP		
Project No.	:	343048-01	Eligible Project Cost:	\$ 2,718,518
FY04 Rank	:	171		
County	:	HUNTERDON	Total State Amount	\$ 2,718,518

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00582
TOTAL POINTS	100.00582

Project Name, Number

Priority List Rank

NJ WATER SA/LEBANON TOWNSHIP
343048-01
LAND ACQUISITION

171

County

HUNTERDON

Existing Population

5,816

Service Area

Township of Montville

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. 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.

Anticipated Recipient	:	FAIRFIELD TOWNSHIP		
Project No.	:	342004-01	Eligible Project Cost:	\$ 1,645,877
FY04 Rank	:	172		
County	:	CUMBERLAND	Total State Amount	: \$ 1,645,877

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00570
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TOTAL POINTS	100.00570
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Project Name, Number

Priority List Rank

FAIRFIELD TOWNSHIP
342004-01
LANDFILL CLOSURE

172

County

CUMBERLAND

Existing Population

5,699

Service Area

Township of Fairfield

Need for Project

The municipal landfill in Fairfield is generating leachate, which is impacting surface and ground water. The site adjoins a waterway known as Rattlesnake Gut, which flows directly into the Cohansey River. A capping system is needed to prevent further leachate impacts.

Project Description

The proposed project includes construction of fill and an impervious cap to prevent infiltration. Since the site adjoins an intermittent waterway, it may be necessary to remove some of the landfill adjacent to the stream for wetlands reclamation and buffering.

Anticipated Recipient	:	WHARTON BOROUGH		
Project No.	:	340489-03	Eligible Project Cost:	\$ 599,302
FY04 Rank	:	173		
County	:	MORRIS	Total State Amount	: \$ 599,302

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00557
TOTAL POINTS	100.00557

Project Name, Number

Priority List Rank

WHARTON BOROUGH

173

340489-03

COLLECTION SYSTEM, INTERCEPTOR

County

MORRIS

Existing Population

5,570

Service Area

Borough of Wharton

Need for Project

The construction of sewers may be necessary for a small portion of the Township which is presently served by septic systems. Some of these septic systems have been malfunctioning, creating a public nuisance.

Project Description

This project involves the construction of a collection and interceptor system in a small portion of the Borough which would convey the waste- water to the Rockaway Valley Regional Sewerage Authority treatment plant. The facilities planning work is yet to be initiated.

Anticipated Recipient :	BERLIN TOWNSHIP		
Project No. :	340790-02	Eligible Project Cost:	\$ 847,274
FY04 Rank :	174		
County :	CAMDEN	Total State Amount :	\$ 847,274

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00555
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TOTAL POINTS	100.00555
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Project Name, Number

BERLIN TOWNSHIP
340790-02
COLLECTION SYSTEM

Priority List Rank

174

County

CAMDEN

Existing Population

5,550

Service Area

Berlin Township

Need for Project

At present there is no sewer service to the residents of Berlin Township. Well-drained, sandy soils and a shallow groundwater table increase the possibility of contamination to ground waters by individual septic tank disposal systems. In addition, contamination of the head waters of the Great Egg Harbor River (PL and FW2-NT) and nitrogen contamination of wells has been attributed to septic tank sources in Berlin Township. The systems are also creating a public nuisance.

Project Description

The proposed project consists of the construction of a new collection system of approximately 138,774 linear feet and four pumping stations. The collection system will connect to the regional CCMUA pumping station.

Anticipated Recipient	:	FRANKFORD TWP		
Project No.	:	340742-02	Eligible Project Cost:	\$ 2,727,380
FY04 Rank	:	175		
County	:	SUSSEX	Total State Amount	\$ 2,727,380

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00511
TOTAL POINTS	100.00511

Project Name, Number

FRANKFORD TWP
340742-02
COLLECTION SYSTEM

Priority List Rank

175

County

SUSSEX

Existing Population

5,110

Service Area

Frankford Township

Need for Project

The Frankford Township area is currently relying on on-site septic disposal systems for the treatment of wastewater. Many of these existing systems appear inadequate. This is creating a public nuisance.

Project Description

This project is part of a wastewater treatment system to be developed by the Sussex County Municipal Utilities Authority, and consists of a proposed regional sewage treatment plant which will serve Frankford Township along with Branchville Borough. It includes the construction of a collection and interceptor system for the Frankford Township area.

Anticipated Recipient	:	MILLSTONE TOWNSHIP		
Project No.	:	343009-01	Eligible Project Cost:	\$ 11,714,265
FY04 Rank	:	176		
County	:	MONMOUTH	Total State Amount	: \$ 11,714,265

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.00507
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TOTAL POINTS	100.00507
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Project Name, Number

Priority List Rank

MILLSTONE TOWNSHIP

176

343009-01

LAND ACQUISITION

County

MONMOUTH

Existing Population

5,069

Service Area

Township of Millstone

Need for Project

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

Project Description

The proposed project includes the purchase of land including the Chiusano, Palma, Dr. Sie, Smith and Maor tracts to preserve open space and to protect water quality.

Anticipated Recipient	:	EASTAMPTON TOWNSHIP		
Project No.	:	343026-01	Eligible Project Cost:	\$ 3,997,392
FY04 Rank	:	177		
County	:	BURLINGTON	Total State Amount	: \$ 3,997,392

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00496
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TOTAL POINTS	100.00496
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Project Name, Number

EASTAMPTON TOWNSHIP
343026-01
LAND ACQUISITION

Priority List Rank

177

County

BURLINGTON

Existing Population

4,962

Service Area

Township of Eastampton

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

Anticipated Recipient	:	BLAIRSTOWN TWP		
Project No.	:	340568-02	Eligible Project Cost:	\$ 1,512,694
FY04 Rank	:	178		
County	:	WARREN	Total State Amount	: \$ 1,512,694

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00489
TOTAL POINTS	100.00489

Project Name, Number

Priority List Rank

BLAIRSTOWN TWP

178

340568-02

COLLECTION SYSTEM

County

WARREN

Existing Population

4,890

Service Area

Blairstown

Need for Project

Presently Blairstown Township has failing on-site wastewater disposal systems. There are documented failures in parts of the Township that may eventually pose health problems in the future. There are no public wastewater collection and treatment facilities in the study area but there are currently two privately owned and operated wastewater treatment plants: Blair Academy and N. Warren Regional High School

Project Description

This project (C340568-02) includes the construction of a collection system for the Village of Blairstown area. The sewage will be conveyed to and treated at the proposed regional STP.

Anticipated Recipient	:	DENVILLE TOWNSHIP		
Project No.	:	340466-03	Eligible Project Cost:	\$ 18,210,232
FY04 Rank	:	179		
County	:	MORRIS	Total State Amount	\$ 18,210,232

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00450
TOTAL POINTS	100.00450

Project Name, Number

Priority List Rank

DENVILLE TOWNSHIP

179

340466-03

COLLECTION SYSTEM, PUMP STATION, FORCE MAIN

County

MORRIS

Existing Population

4,500

Service Area

A segment of Denville Township.

Need for Project

The use of on-site systems is the primary method of wastewater disposal in the Township, however, it is causing a public nuisance. The on-site systems exhibit a high rate of malfunctions, which correspond to soils with severe limitations for on-site disposal as determined by the Soil Conservation Service.

Project Description

This project is for the first segment of sewerage the entire Township. This segment is for the construction of approximately 68,000 L.F. of 8-inch to 14-inch gravity sewers, 2 pump stations and approximately 12,000 L.F. of 6-inch and 10-inch force main. Wastewater from the Township will be conveyed to the existing Rockaway Valley Regional Sewage Authority Treatment Plant for ultimate disposal.

Anticipated Recipient	:	HAMMONTON TOWN		
Project No.	:	340927-03	Eligible Project Cost:	\$ 4,983,647
FY04 Rank	:	180		
County	:	ATLANTIC	Total State Amount	\$ 4,983,647

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00270
TOTAL POINTS	100.00270

Project Name, Number

HAMMONTON TOWN
340927-03
COLLECTION SYSTEM

Priority List Rank

180

County

ATLANTIC

Existing Population

2,700

Service Area

Southwest/Southeast portions of Hammonton

Need for Project

Residents in the area have expressed problems with failing septic systems and individual potable water supply well contamination. This project will also assist residents who have lost the use of their land due to the septic nitrate regulations of the Pinelands Commission. The increased amount of customers will assist the sewer user base and help to reduce the overall user cost for everyone on line.

Project Description

The project consists of replacement of existing sewer interceptors and the construction of new interceptors, pump station, force mains and sewer collection mains. Although the projects are not contiguous, the type of work and benefits derived will be similar.

The Southeast Hammonton area will consist of the placement of a 12" sanitary sewer trunk line within the rights-of-way of Thirteenth Street, Egg Harbor Road and Fourteenth Street. Eight (8) inch collector sewer lines will be installed within the remaining roadways of this project area.

The Southeast Hammonton area will consist of the placement of a 12 inch sanitary sewer trunk line within Park Avenue, easement areas, Grand Street and through a portion of the Fox Chase Development. A 10" line will be installed along Ninth Street and a portion of Tenth Street. The remaining streets in this area will be serviced with an 8 inch sanitary sewer. It is also anticipated that an upgrade of the existing pump station located on Park Avenue will have to be completed or a new station installed on Grand Street at the low point to service this area.

Anticipated Recipient	:	PEAPACK & GLADSTONE BOROUGH		
Project No.	:	343049-01	Eligible Project Cost:	\$ 1,054,062
FY04 Rank	:	181		
County	:	SOMERSET	Total State Amount	\$ 1,054,062

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.00243
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TOTAL POINTS	100.00243
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Project Name, Number

Priority List Rank

PEAPACK & GLADSTONE BOROUGH
343049-01
LAND ACQUISITION

181

County

SOMERSET

Existing Population

2,433

Service Area

Borough of Peapack & Gladstone

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. 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.

Anticipated Recipient	:	RIVERDALE BOROUGH		
Project No.	:	340729-01	Eligible Project Cost:	\$ 1,744,301
FY04 Rank	:	182		
County	:	MORRIS	Total State Amount	: \$ 1,744,301

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00242
TOTAL POINTS	100.00242

Project Name, Number

Priority List Rank

RIVERDALE BOROUGH

182

340729-01

COLLECTION SYSTEM, INTERCEPTOR

County

MORRIS

Existing Population

2,420

Service Area

The service area consists of the Borough of Riverdale.

Need for Project

The area is served entirely by individual septic systems discharging to the ground water table. Failures appear to be contributing to surface and subsurface pollution of the ground and groundwater, posing a potential health problem and public nuisance.

Project Description

The project consists of a collection system and interceptor for the major portion of the Borough. This will significantly reduce the potential for water pollution from malfunctioning septic systems and reduce the public health hazard. The project report has not yet been submitted.

Anticipated Recipient : RIVERDALE BOROUGH

Project No. : 340473-01 Eligible Project Cost: \$ 4,345,404

FY04 Rank : 183

County : MORRIS Total State Amount : \$ 4,345,404

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.00241

TOTAL POINTS 100.00241

Project Name, Number

RIVERDALE BOROUGH
340473-01
INTERCEPTOR

Priority List Rank

183

County

MORRIS

Existing Population

2,410

Service Area

The service area consists of the Borough of Riverdale.

Need for Project

The area is served entirely by individual septic systems discharging to the groundwater table. Failures appear to be contributing to surface and subsurface pollution of the ground and groundwater, posing a potential health problem and public nuisance.

Project Description

The project consists of construction of an interceptor sewer to provide a complete collection system for the major part of the Borough. This will significantly reduce the potential for water pollution from malfunctioning septic systems and reduce the public health hazard. The project report work has not yet been initiated.

Anticipated Recipient	:	MAHWAH TOWNSHIP		
Project No.	:	340592-06	Eligible Project Cost:	\$ 5,532,128
FY04 Rank	:	184		
County	:	BERGEN	Total State Amount	: \$ 5,532,128

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00235
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TOTAL POINTS	100.00235
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Project Name, Number

Priority List Rank

MAHWAH TOWNSHIP

184

340592-06

COLLECTION SYSTEM, INTERCEPTOR

County

BERGEN

Existing Population

2,350

Service Area

Portion of the Township of Mahwah

Need for Project

The area is currently served by septic systems; failures appear to be contributing to the pollution of groundwater, a potable water source, however this has yet to be documented. This could result in health problems in the community. The project would also convey wastewater from package plants in the Township.

Project Description

The project involves construction of collection system to serve Craigmere and Oak Hills sections of Mahwah Township. The wastewater will be conveyed through the Northwest Bergen County Sewer Authority interceptors and then to the treatment plant in Waldwick. The facilities plan work has not been submitted by the Township.

Anticipated Recipient	:	OXFORD TOWNSHIP		
Project No.	:	340445-02	Eligible Project Cost:	\$ 183,343
FY04 Rank	:	185		
County	:	WARREN	Total State Amount	\$ 183,343

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00231
TOTAL POINTS	100.00231

Project Name, Number

OXFORD TOWNSHIP
340445-02
COLLECTION SYSTEM

Priority List Rank

185

County

WARREN

Existing Population

2,307

Service Area

Township of Oxford

Need for Project

The lots in the project area are very small and most have cess pools. A ground-water problem is causing many of the on-site systems to fail.

Project Description

The proposed project includes the construction of approximately 550 feet of eight-inch sanitary sewer line with manholes and service connections to 12 properties.

Anticipated Recipient	:	WEST PATERSON BOROUGH		
Project No.	:	340778-03	Eligible Project Cost:	\$ 2,033,302
FY04 Rank	:	186		
County	:	PASSAIC	Total State Amount	\$ 2,033,302

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00220
TOTAL POINTS	100.00220

Project Name, Number

WEST PATERSON BOROUGH
340778-03
COLLECTION SYSTEM

Priority List Rank

186

County

PASSAIC

Existing Population

2,200

Service Area

Southeast section of the Borough of West Paterson

Need for Project

The Southeast section of the Borough of West Paterson has malfunctioning septic systems which have been creating a public nuisance and are a potential health hazard.

Project Description

The proposed project consists of the construction of a wastewater collection system including a small pump station to convey a portion of the flow. The proposed sewer extensions will be connected to existing sewers at various locations. All sewage flows within this area will be conveyed to the Passaic Valley Sewerage Commissioners' wastewater treatment plant, located in Newark, for treatment and disposal.

Anticipated Recipient	:	EVESHAM MUA		
Project No.	:	340838-01	Eligible Project Cost:	\$ 3,665,234
FY04 Rank	:	187		
County	:	BURLINGTON	Total State Amount	: \$ 3,665,234

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00210
TOTAL POINTS	100.00210

Project Name, Number

Priority List Rank

EVESHAM MUA

187

340838-01

ALTERNATIVE WASTEWATER SYSTEM

County

BURLINGTON

Existing Population

2,100

Service Area

Highly dispersed areas of Evesham Township including the Marlton Lakes area.

Need for Project

The Marlton Lakes area of Evesham Township has experienced on-site disposal problems for the past seven years. Monitoring of potable water wells has shown high nitrate readings and the lake has shown indications of eutrophication from elevated nitrate levels. Approximately 850 developed properties exist in the southern two thirds of the Township, with about 40% concentrated in the Marlton Lakes area. A review of the more concentrated areas of development shows that on-site systems are located on Lakewood and Evesboro soils that have severe limitations for septic systems due to high permeability. Many homes in the highly dispersed areas of the Township have also experienced on-site disposal problems. In the northern portions of the Township, outside of the existing sewer service areas, many homes experiencing problems are located on Kresson and Marlton soils, having severe limitation for on-site disposal due to poor permeability.

Project Description

The recommended plan for wastewater management for southern Evesham Township has been divided into two regions based primarily on the need for wastewater management and population density:

- o Marlton Lakes Community: Small Diameter/STEP sewer system with centralized wastewater treatment utilizing the Carrousel process followed by effluent disposal in a series of Rapid Infiltration basins.
- o Remainder of Southern Evesham Township: Privately owned publicly managed septic system management district entailing periodic septic tank pump-out and septic system inspection. Pump-out and maintenance/repair costs would be the responsibility of the owner.

Anticipated Recipient	:	KINNELON BOROUGH		
Project No.	:	340487-02	Eligible Project Cost:	\$ 9,964,412
FY04 Rank	:	188		
County	:	MORRIS	Total State Amount	: \$ 9,964,412

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00170
TOTAL POINTS	100.00170

Project Name, Number

Priority List Rank

KINNELON BOROUGH

188

340487-02

COLLECTION SYSTEM

County

MORRIS

Existing Population

1,700

Service Area

A portion of the Borough of Kinnelon

Need for Project

The Borough has proposed the construction of a collection system for a small area of the Borough where on-site disposal systems have been experiencing problems and have malfunctioned. Water quality standards are currently marginally meeting fecal coliform and nutrients.

Project Description

It is anticipated that this project will be for the construction of one pump station, force main, and approximately 48,000 L.F. of gravity sewer. The Borough of Kinnelon has become a member of the Pequannock River Basin Regional Sewerage Authority (PRBRSA) (January 1, 1991). The project would connect to a PRBRSA interceptor at the Butler/Kinnelon boundary and all wastewater would be discharged to the Pequannock-Lincoln Park-Fairfield Sewerage Authority for treatment.

Anticipated Recipient	:	ESTELL MANOR CITY		
Project No.	:	342002-01	Eligible Project Cost:	\$ 1,572,251
FY04 Rank	:	189		
County	:	ATLANTIC	Total State Amount	\$ 1,572,251

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
Subtotal		100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00140
TOTAL POINTS	100.00140

Project Name, Number

Priority List Rank

ESTELL MANOR CITY
342002-01
LANDFILL CLOSURE

189

County

ATLANTIC

Existing Population

1,404

Service Area

City of Estell Manor

Need for Project

The municipal landfill in Estell Manor is generating leachate which could impact ground water. A capping system is needed to prevent further potential leachate impacts.

Project Description

The proposed project includes construction a geomembrane impervious cap over an 8-acre area to prevent infiltration.

Anticipated Recipient	:	PEQUANNOCK TOWNSHIP		
Project No.	:	340480-06	Eligible Project Cost:	\$ 9,333,821
FY04 Rank	:	190		
County	:	MORRIS	Total State Amount	: \$ 9,333,821

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00134
TOTAL POINTS	100.00134

Project Name, Number

Priority List Rank

PEQUANNOCK TOWNSHIP
340480-06
COLLECTION SYSTEM

190

County

MORRIS

Existing Population

1,340

Service Area

Pequannock Township

Need for Project

The project is needed to improve existing wastewater treatment practices through the elimination of approximately 490 on-site disposal systems in a residential/commercial area and replacing them with a sanitary sewer system. The soils in this service area are classified by the Soil Conservation Service as severely limiting for on-site disposal. The average housing stock in this area is in excess of 35 years and health surveys have indicated an incidence of septic system malfunctions and shallow aquifer contamination. The proposed sewer system will provide the transmission facilities to convey the wastewater to the Pequannock, Lincoln Park and Fairfield Park Sewerage Authority (TBSA) facilities for ultimate treatment.

Project Description

This Phase IV project will be an extension of the Phase III sanitary sewer system and will include the residential area known as the "Village" and the commercial areas on Route 23.

Anticipated Recipient	:	WASHINGTON TOWNSHIP		
Project No.	:	340930-01	Eligible Project Cost:	\$ 3,335,192
FY04 Rank	:	191		
County	:	GLOUCESTER	Total State Amount	\$ 3,335,192

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00131
TOTAL POINTS	100.00131

Project Name, Number

Priority List Rank

WASHINGTON TOWNSHIP
340930-01
COLLECTION SYSTEM

191

County

GLOUCESTER

Existing Population

1,310

Service Area

Washington Township

Need for Project

Failure of on-site sewage disposal systems within the Gardendale and Grenloch areas of Washington Township have created a public nuisance. Project is necessary to eliminate failing septic systems and to construct a sanitary sewer collection system to service several of the older developments within Washington Township.

Project Description

Construction of extensions to the existing sanitary sewer collection system. The extension to the Grenloch area collection system will consist of approximately 9,895 linear feet (L.F.) of gravity main, 1,750 LF of 4" force main, 1 pump station and all appurtenances along Park Avenue, Lake Avenue, Central Avenue, Edgewater Avenue, Milburn Avenue, Arbutus Avenue and Woodbury-Turnersville Road.

The extension to the East Gardendale area collection system will consist of approximately 10,940 LF of 8" gravity main and all other appurtenances. The extension will include McKinley Avenue, Garfield Avenue, Myrtle Avenue, Spruce Street, Chestnut Street, Lucust Street, Pine Street, Copper Street, Hilbert Drive and Forrest Street.

The extension to the Wilson Road area collection system will consist of approximately 2,890 LF of 8" gravity main and all appurtenances. The Wilson Road area extension will include West End Avenue, Salem Avenue, Glen Avenue, Wilson Road and Woodbury-Turnersville Road.

All new flows are to be conveyed to and treated at the Gloucester County Utilities Treatment Plant.

Anticipated Recipient	:	MANCHESTER TOWNSHIP		
Project No.	:	340650-06	Eligible Project Cost:	\$ 3,340,073
FY04 Rank	:	192		
County	:	OCEAN	Total State Amount	\$ 3,340,073

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00128
TOTAL POINTS	100.00128

Project Name, Number

Priority List Rank

MANCHESTER TOWNSHIP

192

340650-06

PUMP STATION, FORCE MAIN

County

OCEAN

Existing Population

1,280

Service Area

Holly Oaks/Knollwoods area of the Manchester Township

Need for Project

The tremendous rate of growth in the area, coupled with an increasing number of septic tanks, has placed a severe strain on the very permeable sandy soils to adequately treat the domestic wastewater. Because of a generally high groundwater table and the high percentage of septic system failures, pollution of the groundwater and surface water is suspected. Also, the current septic tank problems pose a potential threat to the health of local residents. Therefore, a proper sewage disposal system is necessary.

Project Description

The project is for the construction of two pump stations and approximately 8 miles of force mains and gravity sewers with diameters ranging from 6 inches to 12 inches. The wastewater will be conveyed to the existing 42-inch diameter Union Branch Interceptor owned and operated by the Ocean County Utilities Authority (OCUA). The wastewater will be treated at the OCUA's Central Plant located in Bayville for secondary treatment with effluent disposal to the Atlantic Ocean.

Anticipated Recipient	:	RARITAN TOWNSHIP MUA		
Project No.	:	340485-04	Eligible Project Cost:	\$ 8,583,061
FY04 Rank	:	193		
County	:	HUNTERDON	Total State Amount	: \$ 8,583,061

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00114
TOTAL POINTS	100.00114

Project Name, Number

Priority List Rank

RARITAN TOWNSHIP MUA

193

340485-04

ALTERNATIVE COLLECTION/SYSTEMS

County

HUNTERDON

Existing Population

1,140

Service Area

Raritan Township

Need for Project

This project is proposed for the elimination of malfunctioning septic systems. Existing water quality in the area does not meet standards for dissolved oxygen and fecal coliform and marginally meets standards for nutrient and toxics.

Project Description

According to the 201 Facilities Plan for the Middle South Branch of the Raritan River, collection systems were proposed for Sand Hill Road, Sunny Hills Estates, Old Craton Road, Raritan Gardens, Broad Acres and Ridge Road areas, individual & mound systems for the Deerpath Village and Southridge areas, and a STEP system for Bridgeview Estates. The septic tank effluent from the effluent collectors and STEP System will be treated at the Raritan Township MUA.

Anticipated Recipient	:	UPPER TWP (STRATHMERE)		
Project No.	:	340619-03	Eligible Project Cost:	\$ 2,326,681
FY04 Rank	:	194		
County	:	CAPE MAY	Total State Amount	: \$ 2,326,681

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00091
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TOTAL POINTS	100.00091
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Project Name, Number

Priority List Rank

UPPER TWP (STRATHMERE)

194

340619-03

COLLECTION SYSTEM, INTERCEPTOR

County

CAPE MAY

Existing Population

910

Service Area

Strathmere Section of Upper Township

Need for Project

This project is proposed for the elimination of public nuisance associated with ground and surface water pollution possibly resulting from malfunctioning individual on-site wastewater treatment systems. The Strathmere section of Upper Township is a recreational island community characterized by high summer population densities and high groundwater levels.

Project Description

Upper Township proposes the planning, design and construction of a new sanitary sewage collection and interceptor system for the elimination of the existing improperly operating on-site systems. Wastes collected in this system will be pumped into the Avalon system for transmission to the proposed 7.67 mgd Seven Mile/Middle regional treatment facility. The collection and treatment of wastes generated by the Strathmere section of Upper Township were included in the Seven Mile/Middle regional plans.

Anticipated Recipient	:	PEQUANNOCK TOWNSHIP		
Project No.	:	340480-05	Eligible Project Cost:	\$ 6,403,679
FY04 Rank	:	195		
County	:	MORRIS	Total State Amount	\$ 6,403,679

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00086
TOTAL POINTS	100.00086

Project Name, Number

Priority List Rank

PEQUANNOCK TOWNSHIP
340480-05
COLLECTION SYSTEM

195

County

MORRIS

Existing Population

860

Service Area

Pequannock Township

Need for Project

The project is needed to improve existing wastewater treatment practices through the elimination of on-site disposal systems in a residential/commercial area and replacing them with a sanitary sewer system as well as for future growth. The soils in this service area are classified by the Soil Conservation Service as severely limiting for on-site disposal. The average housing stock in this area is in excess of 35 years and health surveys have indicated an incidence of septic system malfunctions and shallow aquifer contamination.

Project Description

This Phase III project will be an extension of the Phase I sanitary sewer system and will include the residential area between Greenwood Avenue and Pequannock Avenue and the commercial properties along the southern portion of Route 23. The proposed sewer system will provide the transmission facilities to convey the wastewater to the Pequannock, Lincoln Park and Fairfield Park Sewerage Authority (TBSA) facilities for ultimate treatment.

Anticipated Recipient	:	BRANCHVILLE BOROUGH		
Project No.	:	340740-02	Eligible Project Cost:	\$ 2,584,971
FY04 Rank	:	196		
County	:	SUSSEX	Total State Amount	: \$ 2,584,971

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00085
TOTAL POINTS	100.00085

Project Name, Number

Priority List Rank

BRANCHVILLE BOROUGH
340740-02
COLLECTION SYSTEM

196

County

SUSSEX

Existing Population

850

Service Area

Branchville

Need for Project

The Branchville area is currently relying on on-site septic disposal systems for the treatment of wastewater. Many of these existing systems appear inadequate and are becoming a public nuisance.

Project Description

This project is part of a wastewater treatment system to be developed by the Sussex County Municipal Utilities Authority and consists of a proposed regional sewage treatment plant which will serve Frankford Township along with Branchville Borough. It includes the construction of a collection and interceptor system for the Branchville Borough area.

Anticipated Recipient	:	SOUTHAMPTON TOWNSHIP		
Project No.	:	340961-01	Eligible Project Cost:	\$ 2,459,208
FY04 Rank	:	197		
County	:	BURLINGTON	Total State Amount	\$ 2,459,208

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00081
TOTAL POINTS	100.00081

Project Name, Number

SOUTHAMPTON TOWNSHIP

340961-01

SEWER SYSTEM, FORCE MAIN

Priority List Rank

197

County

BURLINGTON

Existing Population

810

Service Area

Village of Vincentown

Need for Project

The Village of Vincentown is primarily a residential area currently using individual on-site wastewater treatment disposal systems. A survey report was made by the Burlington County Health Department, which showed that many of the systems are having serious problems.

Project Description

The topography of the area to be served (Village of Vincentown) is not steep sloped, but with gently sloping grades. The major obstacles are three small streams, which will be crossed by hanging insulated pipes on the existing bridges. 11,200 L.F. 8 inch san. sewer pipe and 3800 L.F. force main will be installed. The project also entails 230 laterals, 44 manholes, and pavement restoration.

Anticipated Recipient	:	GALLOWAY TOWNSHIP		
Project No.	:	340892-02	Eligible Project Cost:	\$ 5,700,971
FY04 Rank	:	198		
County	:	ATLANTIC	Total State Amount	\$ 5,700,971

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00080
TOTAL POINTS	100.00080

Project Name, Number

Priority List Rank

GALLOWAY TOWNSHIP
340892-02
COLLECTION SYSTEM

198

County

ATLANTIC

Existing Population

800

Service Area

South Egg Harbor City

Need for Project

The present disposal system for the area is a septic system, which is failing and may pose a threat to health and may also contaminate surface and groundwaters.

The Pinelands Commission has recently adopted a new ordinance that affects this area. The zoning of the South Egg Harbor City Section of the Township reflects this change and conforms to the Pinelands comprehensive management plan.

Project Description

The proposed sanitary sewer extension project consists of approximately 60,000 linear feet of 8-inch, 10-inch, or 12-inch diameter gravity sanitary sewer lines to service the existing population of the area. The system is designed to consist of 231 unsewered dwelling units (@ 3.5 persons per dwelling unit).

Two pumping stations will also be necessary. One is planned to be located along Pittsburg Avenue, the other along Bella Donna Street.

The wastewater flow from this area will be conveyed via the ACUA Pomona Pump Station to the ACUA Coastal Plant for secondary treatment, with effluent discharge to the Atlantic Ocean.

Anticipated Recipient	:	NORTH ARLINGTON BOROUGH		
Project No.	:	340959-02	Eligible Project Cost:	\$ 708,917
FY04 Rank	:	199		
County	:	BERGEN	Total State Amount	\$ 708,917

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00066
TOTAL POINTS	100.00066

Project Name, Number

NORTH ARLINGTON BOROUGH
340959-02
COLLECTION SYSTEM

Priority List Rank

199

County

BERGEN

Existing Population

660

Service Area

North Arlington Borough

Need for Project

Elimination of malfunctioning on-site septic systems and holding tanks, by providing new collection system and transportation of wastewater flows to the Passaic Valley Sewerage Commissioners STP for treatment and disposal.

Project Description

Construction of 3,600 feet of collection sewers, to serve the Porete Avenues section of North Arlington. The wastewater will be conveyed through the North Arlington-Lyndhurst Joint Meeting's sewer system to the Passaic Valley Sewerage Commissioners STP.

Anticipated Recipient	:	SHAMONG TWP		
Project No.	:	340831-01	Eligible Project Cost:	\$ 2,702,506
FY04 Rank	:	200		
County	:	BURLINGTON	Total State Amount	\$ 2,702,506

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00062
TOTAL POINTS	100.00062

Project Name, Number

Priority List Rank

SHAMONG TWP

200

340831-01

ALTERNATIVE WASTEWATER SYSTEM

County

BURLINGTON

Existing Population

620

Service Area

Barton's Lake and Fawn Lake Villages in Shamong Township

Need for Project

The Fawn Lake and Barton's Lake areas of Shamong Township have been experiencing on-site disposal problems for the past ten years. Barton's Lake Village is a development of 77 homes adjacent to Indian Mills Lake. This development is experiencing failures due to high groundwater and soil constraints.

The Fawn Lake Village is a mobile home park with approximately 114 units, served by combined septic systems. Problems experienced in the development appear to be associated with undersized systems and soil constraints. The Fawn Lake Village is adjacent to Springers Brook, a tributary of the Mullica River.

Project Description

The facilities plan indicates that two septic tank effluent collection systems, which will convey partially treated wastewater to two community leachfields, will be the most cost-effective solutions for the two problem areas.

Anticipated Recipient : MILLSTONE BOROUGH

Project No. : 340271-01 Eligible Project Cost: \$ 3,340,073

FY04 Rank : 201

County : SOMERSET Total State Amount : \$ 3,340,073

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.00055

TOTAL POINTS 100.00055

Project Name, Number

Priority List Rank

MILLSTONE BOROUGH
340271-01
COLLECTION SYSTEM

201

County

SOMERSET

Existing Population

550

Service Area

Millstone Borough

Need for Project

The existing homes are served by cesspools and septic systems. Many of the systems are failing and are located on small lots with no place to replace them. Some homes are over 100 years old. High groundwater and clay soils prevent replacement of septic systems.

Project Description

The proposed project includes the installation of a sewage collection system, one pump station, 2 ejection stations, and associated PVC pipe. The sewage will be conveyed via a force main to Franklin Township.

Anticipated Recipient	:	PLAINSBORO TOWNSHIP		
Project No.	:	340836-01	Eligible Project Cost:	\$ 2,089,419
FY04 Rank	:	202		
County	:	MIDDLESEX	Total State Amount	: \$ 2,089,419

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00045
TOTAL POINTS	100.00045

Project Name, Number

PLAINSBORO TOWNSHIP

340836-01

COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

202

County

MIDDLESEX

Existing Population

450

Service Area

Township of Plainsboro

Need for Project

A portion of Plainsboro Township is presently served by on-site systems. Many of these systems are malfunctioning and result in the surfacing of sewage and sewage back-ups into homes. This problem is a potential health threat and public nuisance to the residents in that area.

Project Description

The preliminary solution to the malfunctioning septic systems is to install a gravity collection system and interceptor for treatment at the Lin Pro Utility Company STP and discharge into Cranbury Brook, a tributary to the Millstone River.

NEW JERSEY STATE LIBRARY

Anticipated Recipient	:	FRANKLIN TWP SA (SOMERSET CO.)		
Project No.	:	340839-01	Eligible Project Cost:	\$ 1,589,512
FY04 Rank	:	203		
County	:	SOMERSET	Total State Amount	\$ 1,589,512

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00042
TOTAL POINTS	100.00042

Project Name, Number

Priority List Rank

FRANKLIN TWP SA (SOMERSET CO.)

203

340839-01

PUMP STATION IMPROVEMENT, INTERCEPTOR, FORCE

County

SOMERSET

Existing Population

420

Service Area

East Millstone Section (120 homes) of Franklin Township

Need for Project

East Millstone section of Franklin Township has been experiencing on-site disposal problems due to high groundwater and shallow depth to bed rock. In addition, problems experienced in the development appear to be associated with smaller lots and soil constraints. In the 1800's and early 1900's, these limitations were overcome by discharging septic tank effluent directly into the Delaware and Raritan Canal which is now a major source of potable water for surrounding areas. Some of these connections may still exist today. Overflow from failed systems run into the canal. A preliminary survey revealed several failed septic systems in this section.

Project Description

The proposed project will include the construction of a new pump station, upgrading an existing pump station, and construction of approximately 8,700 LF of 8-inch gravity sewer and 9,000 LF of force main.

Anticipated Recipient	:	CLAYTON BOROUGH(SILVER LAKE)		
Project No.	:	340918-01	Eligible Project Cost:	\$ 1,162,637
FY04 Rank	:	204		
County	:	GLOUCESTER	Total State Amount	\$ 1,162,637

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00041
TOTAL POINTS	100.00041

Project Name, Number

Priority List Rank

CLAYTON BOROUGH (SILVER LAKE)
340918-01
COLLECTION SYSTEM

204

County

GLOUCESTER

Existing Population

410

Service Area

Silver Lake Area of Clayton

Need for Project

There are 105 homes within the proposed service area (Silver Lake) which have experienced problems and/or failures with their individual disposal systems. This situation has created a public nuisance.

Project Description

The proposed project is for the construction of collector sewers for the Silver Lake service area to the existing 8" gravity system on Bernard Street. The wastewater will be conveyed via an existing Gloucester County Utilities Authority interceptor to the regional plant in Paulsboro for treatment.

Anticipated Recipient	:	PENNSVILLE SA		
Project No.	:	340870-01	Eligible Project Cost:	\$ 2,157,878
FY04 Rank	:	205		
County	:	SALEM	Total State Amount	\$ 2,157,878

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00040
TOTAL POINTS	100.00040

Project Name, Number

Priority List Rank

PENNSVILLE SA

205

340870-01

COLLECTION SYSTEM

County

SALEM

Existing Population

400

Service Area

A portion of the Township of Pennsville

Need for Project

The Hook Road and Sapawna Lane areas of the Township of Pennsville contain a large percentage of septic overflow problems, resulting in the existence of a public health nuisance.

Project Description

This project will consist of the installation of a low pressure collection system for the Hook Road and Sapawna Lane sections of the Township.

Anticipated Recipient	:	BUENA BOROUGH MUA		
Project No.	:	340833-01	Eligible Project Cost:	\$ 721,335
FY04 Rank	:	206		
County	:	ATLANTIC	Total State Amount	\$ 721,335

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.00035
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TOTAL POINTS	100.00035
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Project Name, Number

Priority List Rank

BUENA BOROUGH MUA

206

340833-01

COLLECTION SYSTEM, STP

County

ATLANTIC

Existing Population

350

Service Area

Borough of Buena

Need for Project

A high water table and poor soil conditions contribute to the failure of the existing on-site systems. Continued reliance on inadequate systems may degrade groundwater quality in the area. In addition, the potential for ponding septage and other problems associated with system failure may create a public health problem.

Project Description

The project report will evaluate all feasible collection and on-site treatment alternatives in order to determine the most cost-effective and environmentally acceptable alternative to treat wastewater in those areas of Buena which are presently unsewered.

Anticipated Recipient	:	PEQUANNOCK TOWNSHIP		
Project No.	:	340480-03	Eligible Project Cost:	\$ 1,645,877
FY04 Rank	:	207		
County	:	MORRIS	Total State Amount	\$ 1,645,877

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00018
TOTAL POINTS	100.00018

Project Name, Number

Priority List Rank

PEQUANNOCK TOWNSHIP
340480-03
COLLECTION SYSTEM

207

County

MORRIS

Existing Population

180

Service Area

Pequannock Township - Pequannock Avenue from Newark-Pompton Turnpike to Route 23 and a portion of Madison Street

Need for Project

The project is needed to improve existing wastewater treatment practices through the elimination of on-site disposal systems which serve a residential area of 61 units and replacing them with a sanitary sewer system. The soils in this service area are classified by the Soil Conservation Service as severely limiting for on-site disposal. The average housing stock in this area is in excess of 50 years and health surveys have indicated an incidence of septic system malfunctions and shallow aquifer contamination.

Project Description

The proposed project includes the construction of approximately 320 linear feet of 8-inch diameter PVC sewer main and 2,825 linear feet of 10-inch diameter sewer main and all necessary appurtenances to serve 61 properties. Also included in the project is a culvert crossing and the crossing of the City of Newark's twin water supply aqueducts. The proposed sewer system will provide the transmission facilities to convey the wastewater to the Pequannock, Lincoln Park and Fairfield Park Sewerage Authority (TBSA) facilities for treatment.

Anticipated Recipient	:	LINCOLN PARK BOROUGH		
Project No.	:	340594-02	Eligible Project Cost:	\$ 4,245,681
FY04 Rank	:	208		
County	:	MORRIS	Total State Amount	\$ 4,245,681

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00014
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TOTAL POINTS	100.00014
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Project Name, Number

LINCOLN PARK BOROUGH
340594-02
COLLECTION SYSTEM

Priority List Rank

208

County

MORRIS

Existing Population

140

Service Area

Borough of Lincoln Park (portion)

Need for Project

There are approximately 67 homes within the proposed service area (Jacksonville Road) which have experienced problems and/or failures with their individual disposal systems. This has created a public nuisance.

Project Description

This project is for the construction of a pump station, force main, interceptor and collector sewers for this service area. These facilities will convey the Borough's wastewater to an existing interceptor of the Pequannock, Fairfield and Lincoln Park Sewerage Authority (TBSA) for ultimate disposal at the existing TBSA's treatment plant. This project is presently in the facilities planning stage.

Anticipated Recipient	:	WOODBIDGE TOWNSHIP		
Project No.	:	340433-08	Eligible Project Cost:	\$ 36,885
FY04 Rank	:	209		
County	:	MIDDLESEX	Total State Amount	\$ 36,885

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00002
TOTAL POINTS	100.00002

Project Name, Number

WOODBIDGE TOWNSHIP
340433-08
COLLECTION SYSTEM

Priority List Rank

209

County

MIDDLESEX

Existing Population

20

Service Area

A portion of the Township of Woodbridge

Need for Project

Septic systems on Florida Grove Road have been experiencing problems and/or failures and causing a public nuisance.

Project Description

The proposed project is for the construction of a sewer system to serve homes on Florida Grove Road.

Anticipated Recipient	:	BURLINGTON COUNTY BOARD OF FREEHOLDERS		
Project No.	:	342007-03	Eligible Project Cost:	\$ 13,340,104
FY04 Rank	:	210		
County	:	BURLINGTON	Total State Amount	: \$ 13,340,104

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	75
Subtotal		75

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.42339
TOTAL POINTS	75.42339

Project Name, Number

Priority List Rank

BURLINGTON COUNTY BOARD OF FREEHOLDERS
342007-03
LANDFILL CELL

210

County

BURLINGTON

Existing Population

423,394

Service Area

Burlington County

Need for Project

Landfill leachate contains pollutants that can contaminate water sources. The County proposes to construct new landfill cells including liner systems with leachate collection to prevent contamination of ground water.

Project Description

The proposed project consists of the construction of new landfill cells including liner systems, which include leachate detection and collection as well as leachate transportation systems.

Anticipated Recipient : SUSSEX COUNTY MUA

Project No. : 342008-03 Eligible Project Cost: \$ 6,614,815

FY04 Rank : 211

County : SUSSEX Total State Amount : \$ 6,614,815

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	75
Subtotal		75

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.14417

TOTAL POINTS 75.14417

Project Name, Number

SUSSEX COUNTY MUA
342008-03
LANDFILL CELL

Priority List Rank

211

County

SUSSEX

Existing Population

144,166

Service Area

Sussex County

Need for Project

Landfill leachate contains pollutants that can contaminate water sources and make it unsafe. The County proposes to install a landfill liner system to contain leachate preventing it from contaminating the ground water.

Project Description

The proposed project consists of the construction of a landfill liner system consisting of excavation to design subgrade elevations, a secondary containment layer, a secondary drainage layer, a primary containment layer, a primary drainage layer, aggregate layer for protection of drainage layer, and leachate collection and conveyance facilities.

Anticipated Recipient	:	CAMDEN CITY		
Project No.	:	340366-05	Eligible Project Cost:	\$ 6,614,815
FY04 Rank	:	212		
County	:	CAMDEN	Total State Amount	: \$ 6,614,815

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	25
Subtotal		25

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	50.00000
Population	0.07990
TOTAL POINTS	75.07990

Project Name, Number

Priority List Rank

CAMDEN CITY

212

340366-05

WELL SEALING

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 170 improperly abandoned wells at various locations within the City of Camden and at the Delair Wellfield, the North and South Morris Wellfield, and the Puchack Wellfield.

Anticipated Recipient	:	LONG BRANCH SA		
Project No.	:	340336-05	Eligible Project Cost:	\$ 1,396,910
FY04 Rank	:	213		
County	:	MONMOUTH	Total State Amount	\$ 1,396,910

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	25.00000
Population	0.02866
TOTAL POINTS	75.02866

Project Name, Number

LONG BRANCH SA
340336-05
I/C ABATEMENT

Priority List Rank

213

County

MONMOUTH

Existing Population

28,660

Service Area

City of Long Branch

Need for Project

To reduce elevated levels of bacteria in stormwater discharges to coastal waters.

Project Description

To eliminate cross-connections between sanitary and storm sewers by replacing portions of sewers, sealing manholes, and sealing leaks. To eliminate interconnections due to leaks, flows, or overflows from the sanitary sewer system.

Anticipated Recipient	:	GALLOWAY TOWNSHIP		
Project No.	:	340892-03	Eligible Project Cost:	\$ 9,008,725
FY04 Rank	:	214		
County	:	ATLANTIC	Total State Amount	\$ 9,008,725

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	25
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02333
TOTAL POINTS	75.02333

Project Name, Number

GALLOWAY TOWNSHIP
340892-03
STORMWATER

Priority List Rank

214

County

ATLANTIC

Existing Population

23,330

Service Area

The Pinehurst section of Galloway

Need for Project

A storm drainage system is necessary to alleviate problems caused by flooding during storm events. A collection system is needed to service existing problem areas.

Project Description

The proposed project includes construction of a storm drainage system consisting of interconnected inlets with perforated pipe discharges into strategically placed detention basins. An 8" PVC gravity collection system will be constructed to connect to existing lines.

Anticipated Recipient : MORRISTOWN TOWN

Project No. : 340376-04 Eligible Project Cost: \$ 8,621,779

FY04 Rank : 215

County : MORRIS Total State Amount : \$ 8,621,779

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 25.00000

Population 0.01679

TOTAL POINTS 75.01679

Project Name, Number

MORRISTOWN TOWN
340376-04
I/I CORRECTION

Priority List Rank

215

County

MORRIS

Existing Population

16,790

Service Area

Town of Morristown

Need for Project

An Infiltration/Inflow (I/I) analysis has concluded that excessive I/I exists within the town's sewer system. Additional studies are underway to further define the quantity of excessive I/I and to propose an I/I correction program to eliminate a portion of the excessive I/I.

Project Description

This proposed project will be for the minor rehabilitation of sections of sanitary sewer pipe, grouting of sewer lines, grouting and sealing leaking manholes and repair or adjustments of defective manholes.

Anticipated Recipient	:	DOVER TOWN		
Project No.	:	340889-01	Eligible Project Cost:	\$ 935,648
FY04 Rank	:	216		
County	:	MORRIS	Total State Amount	\$ 935,648

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	25.00000
Population	0.01441
TOTAL POINTS	75.01441

Project Name, Number

Priority List Rank

DOVER TOWN

216

340889-01

I/I CORRECTION

County

MORRIS

Existing Population

14,410

Service Area

Town of Dover

Need for Project

The Rockaway Valley Regional Sewerage Authority Infiltration/Inflow (I/I) Analysis and Sewer System Evaluation Survey identified excessive I/I in this municipality's sewer system.

Project Description

The excessive I/I will be removed by grouting, slip lining, and other minor rehabilitation procedures.

Anticipated Recipient : WILDWOOD CITY

Project No. : 340664-03 Eligible Project Cost: \$ 3,032,199

FY04 Rank : 217

County : CAPE MAY Total State Amount : \$ 3,032,199

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 25.00000

Population 0.00544

TOTAL POINTS 75.00544

Project Name, Number

Priority List Rank

WILDWOOD CITY

217

340664-03

SEWER REHABILITATION

County

CAPE MAY

Existing Population

5,436

Service Area

City of Wildwood

Need for Project

The existing collection system serving the City is very old, and is subject to an extreme amount of I/I. Rehabilitation of the entire sanitary sewer system is necessary to prevent groundwater from seeping in and sewage from seeping into the groundwater.

Project Description

This proposed project will be for an I/I correction program to eliminate the portion of I/I that is excessive and detrimental to the existing collection system. In some cases minor replacement may be necessary.

Anticipated Recipient	:	WILDWOOD CITY		
Project No.	:	340664-02	Eligible Project Cost:	\$ 2,492,677
FY04 Rank	:	218		
County	:	CAPE MAY	Total State Amount	\$ 2,492,677

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	25.00000
Population	0.00448
TOTAL POINTS	75.00448

Project Name, Number

Priority List Rank

WILDWOOD CITY

218

340664-02

STORM SEWER REHABILITATION

County

CAPE MAY

Existing Population

4,480

Service Area

Cresse Avenue to 26th Street Beaches, City of Wildwood

Need for Project

The sand on the Wildwood beach has accreted approximately 1,700 feet since 1950, creating a beach front that is over a quarter mile from the Boardwalk to the water's edge. The existing outfall lines no longer extend far enough out into the ocean. Storm drain runoff, containing animal and bird excrement, washes back onto our bathing beaches. High fecal coliform counts, detected in the weekly sampling conducted by the Cape May County Health Department each summer, has confirmed unsafe condition and has resulted in beach closing. Ponding of this contaminated water occurs at the terminus of the outfall lines after each rain and the area must be plowed and leveled. The health and safety of the beach bathers have been imperiled and the beach closings produce a tremendous negative impact on tourism for many weeks thereafter.

Project Description

The ten (10) outfall lines will be retrenched, and pilings and cross-beams will be installed to support and contain the lines with 1,400 foot extensions. Trenches for the extensions will be dug during the low tide and the entire line will be re-covered with the accumulated sand.

Anticipated Recipient	:	WILDWOOD CREST BOROUGH		
Project No.	:	340719-02	Eligible Project Cost:	\$ 4,653,327
FY04 Rank	:	219		
County	:	CAPE MAY	Total State Amount	\$ 4,653,327

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	25.00000
Population	0.00398
TOTAL POINTS	75.00398

Project Name, Number

WILDWOOD CREST BOROUGH
340719-02
SEWER REHABILITATION

Priority List Rank

219

County

CAPE MAY

Existing Population

3,980

Service Area

Borough of Wildwood Crest

Need for Project

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

Project Description

The proposed project includes the replacement of vitrified clay pipes.

Anticipated Recipient	:	WEST WILDWOOD BOROUGH		
Project No.	:	340626-03	Eligible Project Cost:	\$ 564,453
FY04 Rank	:	220		
County	:	CAPE MAY	Total State Amount	\$ 564,453

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	25.00000
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Population	0.00037
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TOTAL POINTS	75.00037
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Project Name, Number

WEST WILDWOOD BOROUGH
340626-03
I/I CORRECTION

Priority List Rank

220

County

CAPE MAY

Existing Population

370

Service Area

West Wildwood Borough

Need for Project

The West Wildwood sewer collection system is possibly subjected to excessive amounts of infiltration/inflow. Extensive use of six inch diameter pipes, very flat slopes, high groundwater, grease and detergent buildups as well as sand infiltration all contribute to the excessive I/I.

Project Description

The rehabilitation measures proposed in alleviating the excessive I/I and unclogging the system include: cleaning, internal inspection, repair and/or replacement of damaged or deteriorated sewer pipe, manholes and house laterals.

Anticipated Recipient	:	MILLVILLE CITY		
Project No.	:	340921-04	Eligible Project Cost:	\$ 8,557,247
FY04 Rank	:	221		
County	:	CUMBERLAND	Total State Amount	: \$ 8,557,247

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	25.00000
Population	0.00000
TOTAL POINTS	75.00000

Project Name, Number

Priority List Rank

MILLVILLE CITY

221

340921-04

I/I CORRECTION, COLLECTION SYSTEM

County

CUMBERLAND

Existing Population

0

Service Area

City of Millville

Need for Project

A sewer system evaluation survey performed by the Millville Wastewater Utility (MWU) found that their 100 year old collection sytem has various structural, maintenance and excessive I/I probléms. Repair and/or replacement is urgently needed.

Project Description

The project involves the rehabilitation of the Columbia Avenue force main, the Marlyn, Westwood Terrace, Rt. 49, Rieck Avenue main extension, the Rt. 47, Orange Street, Gorton Road main upgrade, the Ireland Avenue Pump Station Replacement and the hydraulic main upgrade from Ireland Avenue to the West Side Pump station.

Anticipated Recipient	:	METUCHEN BOROUGH		
Project No.	:	340360-01	Eligible Project Cost:	\$ 3,734,892
FY04 Rank	:	222		
County	:	MIDDLESEX	Total State Amount	: \$ 3,734,892

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	15.00000
Population	0.01280
TOTAL POINTS	65.01280

Project Name, Number

METUCHEN BOROUGH
340360-01
I/I CORRECTION

Priority List Rank

222

County

MIDDLESEX

Existing Population

12,800

Service Area

Borough of Metuchen

Need for Project

A report prepared by Middlesex County Utilities Authority in 1981 indicates that the Borough experiences excessive quantities of infiltration and inflow in its sanitary sewer system resulting in capacity problems and high sewer bills and that cost-effective rehabilitation is warranted.

Project Description

Sanitary sewer system rehabilitation measures include, but are not limited to, testing and sealing, repairing laterals, spot repairs, manhole repairs and pipe lining or replacement.

NEW JERSEY STATE LIBRARY

Anticipated Recipient	:	TOTOWA BOROUGH		
Project No.	:	340778-01	Eligible Project Cost:	\$ 985,189
FY04 Rank	:	223		
County	:	PASSAIC	Total State Amount	\$ 985,189

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	15.00000
Population	0.01119
TOTAL POINTS	65.01119

Project Name, Number

TOTOWA BOROUGH
340778-01
I/I CORRECTION

Priority List Rank

223

County

PASSAIC

Existing Population

11,190

Service Area

Totowa Borough

Need for Project

The Township's sewer system contains excessive infiltration/inflow (I/I) as documented by the I/I analysis. Additional studies will estimate the quantity of I/I in the system to eliminate a portion of excessive I/I.

Project Description

This project is for the I/I correction of Totowa Borough's existing sewer system to eliminate a portion of infiltration/inflow that is excessive. The project will be for the minor rehabilitation of sections of sanitary sewer pipe including grouting, sealing, and repair of defective manholes.

Anticipated Recipient : TOTOWA BOROUGH

Project No. : 340778-04 Eligible Project Cost: \$ 420,000

FY04 Rank : 223

County : PASSAIC Total State Amount : \$ 420,000

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 15.00000

Population 0.01119

TOTAL POINTS 65.01119

Project Name, Number

Priority List Rank

TOTOWA BOROUGH

223

340778-04

FORCE MAIN

County

PASSAIC

Existing Population

11,190

Service Area

Borough of Totowa

Need for Project

The proposed project will connect 214 homes to the Borough's wastewater system.

Project Description

The proposed project consists of the construction of approximately 3,200 linear feet of sanitary sewer force main to connect a collection system for 214 homes to the Borough's main conveyance system.

Anticipated Recipient : FREEHOLD BOROUGH

Project No. : 340304-02 Eligible Project Cost: \$ 430,399

FY04 Rank : 225

County : MONMOUTH Total State Amount : \$ 430,399

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 15.00000

Population 0.01098

TOTAL POINTS 65.01098

Project Name, Number

FREEHOLD BOROUGH
340304-02
SEWER REHABILITATION

Priority List Rank

225

County

MONMOUTH

Existing Population

10,976

Service Area

Borough of Freehold

Need for Project

The Borough's gravity sewer system is over 50 years old and experiences I/I within the system.

Project Description

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

Anticipated Recipient	:	BOUND BROOK BOROUGH		
Project No.	:	340295-01	Eligible Project Cost:	\$ 218,940
FY04 Rank	:	226		
County	:	SOMERSET	Total State Amount	: \$ 218,940

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	15.00000
Population	0.01016
TOTAL POINTS	65.01016

Project Name, Number

BOUND BROOK BOROUGH
340295-01
SEWER REHABILITATION

Priority List Rank

226

County

SOMERSET

Existing Population

10,155

Service Area

Borough of Bound Brook

Need for Project

The clay tile mains on Vosseller Ave., Union Ave., Church St., Wahneta Dr., and Watchung Rd. leak at the joints causing infiltration during wet weather and exfiltration during dry weather, which seeps into the Raritan River.

Project Description

The proposed project includes replacing the existing mains, manholes, and laterals to the right-of-way.

Anticipated Recipient	:	BERNARDSVILLE BOROUGH		
Project No.	:	340816-03	Eligible Project Cost:	\$ 1,135,113
FY04 Rank	:	227		
County	:	SOMERSET	Total State Amount	\$ 1,135,113

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	15.00000
Population	0.00668
TOTAL POINTS	65.00668

Project Name, Number

BERNARDSVILLE BOROUGH
340816-03
I/I CORRECTION

Priority List Rank

227

County

SOMERSET

Existing Population

6,680

Service Area

Borough of Bernardsville

Need for Project

Based on an infiltration/inflow analysis sponsored by the Somerset County Planning Board, the Upper Raritan Watershed Wastewater Facilities Plan recommends a Sewer System Evaluation Survey (SSES) be performed on the Bernardsville sewer system.

Project Description

The SSES will include a physical survey of the Bernardsville sewer system, including manhole inspections and flow inspection (measurement of sewage flows in isolated reaches of pipe), rainfall simulation and smoke testing, building inspection of units suspected of contributing inflow to the sanitary sewers, and television inspection. I/I correction in accordance with the recommendations of the SSES will follow.

Anticipated Recipient	:	BERNARDSVILLE BOROUGH		
Project No.	:	340816-04	Eligible Project Cost:	\$ 646,588
FY04 Rank	:	227		
County	:	SOMERSET	Total State Amount	\$ 646,588

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	15.00000
Population	0.00668
TOTAL POINTS	65.00668

Project Name, Number

BERNARDSVILLE BOROUGH
340816-04
SEWER REHABILITATION

Priority List Rank

227

County

SOMERSET

Existing Population

6,680

Service Area

Borough of Bernardsville

Need for Project

An existing six-inch asbestos cement pipe force main continuously breaks causing the release of untreated sewage onto Borough streets.

Project Description

The proposed project includes the replacement of approximately 3,500 feet of existing six inch asbestos cement force main with new six-inch high-density polyethylene pipe.

Anticipated Recipient	:	CAPE MAY CITY		
Project No.	:	340258-01	Eligible Project Cost:	\$ 360,245
FY04 Rank	:	229		
County	:	CAPE MAY	Total State Amount	\$ 360,245

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	15.00000
Population	0.00650
TOTAL POINTS	65.00650

Project Name, Number

Priority List Rank

CAPE MAY CITY

229

340258-01

DESALINATION CONCENTRATE DISPOSAL

County

CAPE MAY

Existing Population

6,500

Service Area

City of Cape May, Borough of West Cape May, Borough of Cape May Point, portion of Lower Township and Coast Guard Base

Need for Project

The Cohansey Aquifer from which the Cape May Water Utility draws its potable water is experiencing salt water intrusion. To prolong the life of the Cohansey Aquifer and to meet summer water needs, the City is proposing to derive 1.4 MGD of brackish water from the Atlantic City 800-foot deep sand aquifer and build a desalination facility employing a reverse osmosis process.

Project Description

The desalination facility will generate 1.0 MGD of potable water, 0.4 MGD of concentrate and 1,000 gpd of sanitary wastewater. The conveyance facilities is included in this project and involves the construction of two force mains. One force main will be 2-inch diameter, 2,300 feet long and will carry sanitary waste, membrane wash water and water from floor drains to the West Cape May Borough's sewer system where it will flow to the Cape May County MUA's STP for treatment and disposal in the Atlantic Ocean. The second force main will be 6-inch diameter, 2,700 feet long and will be designed to carry 0.4 MGD of desalination concentrate to the Cape Island Creek.

Anticipated Recipient	:	MANASQUAN BOROUGH		
Project No.	:	340911-01	Eligible Project Cost:	\$ 6,093,106
FY04 Rank	:	230		
County	:	MONMOUTH	Total State Amount	: \$ 6,093,106

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	15.00000
Population	0.00534
TOTAL POINTS	65.00534

Project Name, Number

Priority List Rank

MANASQUAN BOROUGH

230

340911-01

SEWER REHABILITATION

County

MONMOUTH

Existing Population

5,340

Service Area

Borough of Manasquan

Need for Project

The existing sanitary sewer system consists of 80-year old terra cotta pipes, many of which are 6-inches in diameter. Many of the pipes are cracked, have broken joints, and deteriorated manholes. The Borough is located in a coastal area and often experiences high groundwater conditions.

Project Description

The project consists of the repair/replacement of several sections of the Borough's sewer system.

Anticipated Recipient	:	SOUTH BOUND BROOK BOROUGH		
Project No.	:	340347-01	Eligible Project Cost:	\$ 1,239,434
FY04 Rank	:	231		
County	:	SOMERSET	Total State Amount	: \$ 1,239,434

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	15.00000
Population	0.00350
TOTAL POINTS	65.00350

Project Name, Number

SOUTH BOUND BROOK BOROUGH
340347-01
INTERCEPTOR

Priority List Rank

231

County

SOMERSET

Existing Population

3,500

Service Area

South Bound Brook Borough (West of Cedar Street to border of Borough).

Need for Project

The project is needed to reduce or eliminate sanitary sewer overflows in the Borough. The overflow into the Raritan Delaware Canal occurs periodically.

Project Description

The proposed project includes the construction of a relief sewer line to handle sewage from the overflow problem areas and direct the additional sewage to the regional Sewage Treatment Plant for treatment.

Anticipated Recipient	:	AVALON BOROUGH		
Project No.	:	340864-01	Eligible Project Cost:	\$ 1,530,125
FY04 Rank	:	232		
County	:	CAPE MAY	Total State Amount	: \$ 1,530,125

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	15.00000
Population	0.00181
TOTAL POINTS	65.00181

Project Name, Number

Priority List Rank

AVALON BOROUGH
340864-01
I/I CORRECTION

232

County

CAPE MAY

Existing Population

1,810

Service Area

Avalon Borough

Need for Project

Infiltration/Inflow (I/I) studies conducted have revealed that the Borough Sanitary Sewer System is possibly subject to excessive I/I. Sanitary sewer lines are in excess of 80 years old. The leaking joints have caused sinkhole problems, accelerated street deterioration and excessive infiltration/inflow. Additional work is needed on the stormwater sewer system as well.

Project Description

The Borough proposes to replace the existing deteriorated sanitary sewer lines, service laterals and storm sewer lines including: refurbishing approximately 500 sanitary sewer manholes, relining the influent sewer line at the 23rd Street Pump Station, replacing sanitary lines on Heron Drive, Pelican Drive and the Business District, replacing storm lines in the Business District and replace/relocate 11th Street Pump Station and stormwater outfall.

Anticipated Recipient	:	STONE HARBOR BOROUGH		
Project No.	:	340722-01	Eligible Project Cost:	\$ 258,678
FY04 Rank	:	233		
County	:	CAPE MAY	Total State Amount	\$ 258,678

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	15.00000
Population	0.00128
TOTAL POINTS	65.00128

Project Name, Number

STONE HARBOR BOROUGH
340722-01
I/I CORRECTION

Priority List Rank

233

County

CAPE MAY

Existing Population

1,280

Service Area

Stone Harbor Borough

Need for Project

The Stone Harbor sewer system is subject to excessive infiltration/inflow (I/I) as documented in a sewer system evaluation survey.

Project Description

Tasks included in the proposed minor rehabilitation include the sealing, repair and/or replacement of damaged or deteriorated sewer pipes and manholes.

Anticipated Recipient	:	MENDHAM BOROUGH		
Project No.	:	340159-01	Eligible Project Cost:	\$ 318,067
FY04 Rank	:	234		
County	:	MORRIS	Total State Amount	: \$ 318,067

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	10.00000
Population	0.00489
TOTAL POINTS	60.00489

Project Name, Number

Priority List Rank

MENDHAM BOROUGH

234

340159-01

STORMWATER/NPS MANAGEMENT

County

MORRIS

Existing Population

4,890

Service Area

Mendham Borough

Need for Project

Mendham Borough is in need of a street sweeper. The purchase of this equipment will help the Township reduce the amount of debris that accumulates in the sewer system and, in turn, reduce solids/floatables from entering the waters of the upper Passaic and upper Raritan watersheds.

Project Description

The proposed project involves the purchase of one street sweeper.

Anticipated Recipient : MENDHAM BOROUGH

Project No. : 340159-02 Eligible Project Cost: \$ 193,346

FY04 Rank : 234

County : MORRIS Total State Amount : \$ 193,346

I. APPROVED WATERSHED PLAN

Possible Points Points Scored

200 0

II. PROJECT DISCHARGE TYPE

Possible Points Points Scored

CSO Abatement 250 0

I/I Correction-Overflow 250 0

Treatment Plant Improvements 150 0

Sludge Disposal/Treatment 100 0

Corrective Systems 50 0

I/I Correction 50 0

Stormwater/NPS Management 50-100 50

Subtotal 50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use Possible Points Points Scored

Potable Water Supply 200 0

Shellfish 125 0

Recreation(Primary Contact) 125 0

Freshwater Fisheries(Trout/NonTrout) 75/25 0

Public Nuisance(On Site Systems Only) 50 0

Agriculture Water Use 25 0

Industrial Water Use 25 0

Subtotal 0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
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Dissolved Oxygen	0	50	100	0
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Fecal Coliform	0	50	100	0
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Nutrients	0	25	50	0
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Toxics	0	25	50	0
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Subtotal 0

State Planning Commission 10.00000

Population 0.00489

TOTAL POINTS 60.00489

Project Name, Number

Priority List Rank

MENDHAM BOROUGH

234

340159-02

STORMWATER/NPS MANAGEMENT

County

MORRIS

Existing Population

4,890

Service Area

Mendham Borough

Need for Project

Erosion problems in Mendham Borough are contributing to sedimentation of streams in the headwaters of the Passaic River

Project Description

The proposed project includes erosion protections and stream bank stabilization measures.

Anticipated Recipient	:	CRANBURY TOWNSHIP		
Project No.	:	340506-02	Eligible Project Cost:	\$ 3,603,428
FY04 Rank	:	236		
County	:	MIDDLESEX	Total State Amount	\$ 3,603,428

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	10.00000
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Population	0.00250
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TOTAL POINTS	60.00250
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Project Name, Number

Priority List Rank

CRANBURY TOWNSHIP
340506-02
COLLECTION SYSTEM

236

County

MIDDLESEX

Existing Population

2,500

Service Area

Portions of Cranbury Township

Need for Project

Cranbury Township Planning Board recently changed their zoning on the east of Route 130 to permit 100% warehouse development. This has caused a dramatic increase in growth on the east side of Route 130 during the past year. The installation of the proposed sanitary system would benefit future development in the area east of 130. By diverting all flows presently directed to the Village Area Pump Station from the east side of Route 130, the Village Area Pump Station and force mains will have sufficient capacity for all projected flows west 130.

Project Description

The proposed project includes installation two new pump stations, one at 1.75 MGD with 1700 LF of 12" force main, the second at 3.75 MGD with 4000 LF of 16" force main.

Anticipated Recipient	:	BLOOMINGDALE BOROUGH		
Project No.	:	340634-03	Eligible Project Cost:	\$ 3,790,064
FY04 Rank	:	237		
County	:	PASSAIC	Total State Amount	: \$ 3,790,064

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	5
Stormwater/NPS Management	50-100	0
Subtotal		5

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		50

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00806
TOTAL POINTS	55.00806

Project Name, Number

BLOOMINGDALE BOROUGH
340634-03
COLLECTION SYSTEM

Priority List Rank

237

County

PASSAIC

Existing Population

8,060

Service Area

Bloomingtondale

Need for Project

Some of the septic systems in the township are malfunctioning and causing potential environmental or health hazard situations and creating a public nuisance.

Project Description

This project involves construction of new sewerage system facilities including interceptors, pump stations, force mains, and collection systems and/or other alternatives for wastewater disposal problems in the areas of Morse Lake, Union Avenue, Hillside Drive and Vreeland Avenue. The wastewater would be conveyed to the Butler Bloomingdale Sewage treatment plant, which is to be upgraded and expanded to 2.5 MGD. The facilities plan work for the collection system project is currently under review.

Anticipated Recipient	:	MIDDLESEX COUNTY UA		
Project No.	:	340680-05	Eligible Project Cost:	\$ 1,419,732
FY04 Rank	:	238		
County	:	MIDDLESEX	Total State Amount	: \$ 1,419,732

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	1.78184
TOTAL POINTS	51.78184

Project Name, Number

Priority List Rank

MIDDLESEX COUNTY UA
340680-05
SEPTAGE RECEIVING FACILITIES

238

County

MIDDLESEX

Existing Population

1,781,840

Service Area

Bound Brook Borough, Carteret Borough, Chatham Township (C), Clark Township (C), Cranford Township (C), Dunellen Borough, East Brunswick Township, Edison Township, Elizabeth City (C), Fanwood Borough, Franklin Township, Garwood Borough (C), Helmetta Borough, Highland Park Borough, Hillside Township (C), Irvington (C), Jamesburg Borough, Kenilworth Borough, Linden (C), Maplewood Township (C), Middlesex Borough, Millburn Township (C), Milltown Borough, Monmouth County (C), Monroe Township, Mountainside Township, New Brunswick, New Providence (C), North Plainfield, Old Bridge Township, Perth Amboy, Piscataway Township, Plainfield, Plainsboro Township, Rahway (C), Roselle (C), Roselle Park (C), Sayreville, Scotch Plains Township, South Bound Brook Borough, South Brunswick Township, South Orange Village, South Plainfield Borough, South River Borough, Spotswood Borough, Springfield Township (C), Summit (C), Watchung, Westfield (C), Winfield Township (C), West Orange (C), Woodbridge

(C) - Contracted for Septage Disposal

Need for Project

This project will provide the necessary septage receiving facilities to ensure the proper treatment and disposal of septage from MCUA's designated septage service area. The project will provide clean-up facilities for any spills during unloading and will enable all septage haulers to utilize the disposal site. Operations at the plant will be greatly improved and the waiting period which haulers are frequently subject to will be eliminated. This will reduce the illegal disposal of septage.

Project Description

The new receiving facilities will consist of a paved receiving area for septage trucks, a piping and walkway structure, a quality control and receiving station, and new septage pumps installed in the existing grit chamber control building basement. The receiving station will be designed to adequately handle up to 120,000 gallons of septage per day.

Anticipated Recipient	:	MONMOUTH COUNTY BOARD OF FREEHOLDERS		
Project No.	:	340788-05	Eligible Project Cost:	\$ 923,244
FY04 Rank	:	239		
County	:	MONMOUTH	Total State Amount	\$ 923,244

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.55312
TOTAL POINTS	50.55312

Project Name, Number

Priority List Rank

MONMOUTH COUNTY BOARD OF FREEHOLDERS
340788-05
STORMWATER/NPS MANAGEMENT

239

County

MONMOUTH

Existing Population

553,124

Service Area

Monmouth County

Need for Project

Sediment build up in many of the lakes and ponds in the County has lead to poor water quality, algae growth, mosquito breeding, odors and low oxygen levels. Many beach closings are attributable to stormwater runoff from coastal lakes. Deepening the lakes will improve habitat and increase assimilative capacity for nutrients and other pollutants.

Project Description

The proposed project includes establishment of a silt removal program including purchase of dredging equipment and implementation of other measures to restore lakes and ponds to their original storage capacity.

Anticipated Recipient :	CAMDEN COUNTY BOARD OF FREEHOLDERS		
Project No. :	340525-01	Eligible Project Cost :	\$ 792,068
FY04 Rank :	240		
County :	CAMDEN	Total State Amount :	\$ 792,068

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.50282
TOTAL POINTS	50.50282

Project Name, Number

Priority List Rank

CAMDEN COUNTY BOARD OF FREEHOLDERS
340525-01
STORMWATER/NPS MANAGEMENT

240

County

CAMDEN

Existing Population

502,824

Service Area

Hero's Island in Pennsuaken/Cherry Hill

Need for Project

Veteran's Island in the Cooper River is suffering serious erosion with its banks being washed away at a rapid rate causing silt build-up elsewhere in the river and effecting the overall quality of the river. The Island also acts as a natural barrier to erosion along a sensitive area of Cooper River Park. The Island's banks need to be restored and stabilized to stem erosion and reduce solids transportation.

Project Description

The proposed project includes a bank restoration and stabilization through the use of crib walls and vegetative plantings to provide for safe embankments and prevent further soil erosion.

Anticipated Recipient	:	CAMDEN COUNTY DEPARTMENT OF PARKS		
Project No.	:	340525-02	Eligible Project Cost:	\$ 1,693,221
FY04 Rank	:	240		
County	:	CAMDEN	Total State Amount	\$ 1,693,221

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.50282
TOTAL POINTS	50.50282

Project Name, Number

Priority List Rank

CAMDEN COUNTY DEPARTMENT OF PARKS
340525-02
STORMWATER/NPS MANAGEMENT

240

County

CAMDEN

Existing Population

502,824

Service Area

Camden County

Need for Project

Existing water quality of Haddon Lake has been degraded by undetained stormwater runoff from urbanized upstream drainage and runoff of nonpoint organic pollutants from the shoreline. Bank stabilization will create an in-line sedimentation basin for filtration of stormwater runoff and banks planted with wetland vegetation will filter nonpoint pollutant sources around the lake perimeter.

Project Description

The proposed project includes dredging of sediment from the lakebed coupled with rip rap stabilization of existing stormpipe outfalls and stabilization of eroded banks using a combination of bioengineering and structural improvements.

Anticipated Recipient	:	CAMDEN COUNTY DEPARTMENT OF PARKS		
Project No.	:	340525-03	Eligible Project Cost:	\$ 781,693
FY04 Rank	:	240		
County	:	CAMDEN	Total State Amount	: \$ 781,693

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.50282
TOTAL POINTS	50.50282

Project Name, Number

Priority List Rank

CAMDEN COUNTY DEPARTMENT OF PARKS
340525-03
STORMWATER/NPS MANAGEMENT

240

County

CAMDEN

Existing Population

502,824

Service Area

Camden County

Need for Project

Existing water quality of Newton Lake has been degraded by undetained stormwater runoff from urbanized upstream drainage and runoff of nonpoint organic pollutants from the shoreline. Bank stabilization will create an in-line sedimentation basin for filtration of stormwater runoff and banks planted with wetland vegetation will filter nonpoint pollutant sources around the lake perimeter.

Project Description

The proposed project includes dredging of sediment from the lakebed coupled with rip rap stabilization of existing stormpipe outfalls and stabilization of eroded banks using a combination of bioengineering and structural improvements.

NEW JERSEY STATE LIBRARY

Anticipated Recipient	:	MIDDLESEX COUNTY UA		
Project No.	:	340637-04	Eligible Project Cost:	\$ 20,043,531
FY04 Rank	:	243		
County	:	MIDDLESEX	Total State Amount	: \$ 20,043,531

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.49657
TOTAL POINTS	50.49657

Project Name, Number

Priority List Rank

MIDDLESEX COUNTY UA

243

340637-04

I/I CORRECTION

County

MIDDLESEX

Existing Population

496,570

Service Area

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

Need for Project

Design capacities of sewer systems constructed prior to the use of secondary treatment methods did not set strict limits on the volume of infiltration and inflow within sanitary sewers since treatment costs were not greatly affected by these extraneous flows. In recent times, however, construction costs of conveyance facilities coupled with rising treatment costs associated with secondary treatment methods have resulted in efforts to eliminate infiltration and inflow in areas where it is proven to be cost-effective.

Project Description

The proposed project is for an Infiltration/Inflow correction program for the MCUA existing sewer systems which currently serve 26 municipalities and 10 direct industries encompassing approximately 350 square miles of densely populated and highly industrialized areas.

Anticipated Recipient	:	UNION COUNTY		
Project No.	:	340280-01	Eligible Project Cost:	\$ 5,015,073
FY04 Rank	:	244		
County	:	UNION	Total State Amount	: \$ 5,015,073

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.49631
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TOTAL POINTS	50.49631
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Project Name, Number

Priority List Rank

UNION COUNTY

244

340280-01

STORMWATER MANAGEMENT

County

UNION

Existing Population

496,310

Service Area

Trotters Lane Branch Drainage Area

Need for Project

The project is needed to relieve flooding in Morris Avenue and in the Kean College Dormitory area and to screen out debris from the stormwater prior to discharge in the Trotters Lane Branch of the Elizabeth River. The existing brick storm drain from the west side of Morris Avenue to the Elizabeth River is too small and needs to be replaced.

Project Description

The proposed project involves the replacement of the storm drain with an adequately sized concrete box culvert. The upstream end of the culvert will be equipped with a screen to collect debris.

Anticipated Recipient	:	BERGEN COUNTY UA		
Project No.	:	340768-02	Eligible Project Cost:	\$ 15,673,755
FY04 Rank	:	245		
County	:	BERGEN	Total State Amount	: \$ 15,673,755

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.49114
TOTAL POINTS	50.49114

Project Name, Number

BERGEN COUNTY UA
340768-02
I/I CORRECTION

Priority List Rank

245

County

BERGEN

Existing Population

491,140

Service Area

The BCUA currently serves 46 municipalities.

Need for Project

BCUA conducted an Infiltration/Inflow(I/I) analysis and concluded that excessive I/I existed in the sewer system. Additional studies are underway to further define the quantity of excessive I/I and to propose an Infiltration/Inflow correction program to eliminate a portion of the excessive I/I.

Project Description

This proposed project may include the cleaning, grouting and sealing of leaking manholes and sewer lines, and other minor rehabilitation measures.

Anticipated Recipient	:	CAMDEN COUNTY MUA		
Project No.	:	340709-02	Eligible Project Cost:	\$ 15,673,755
FY04 Rank	:	246		
County	:	CAMDEN	Total State Amount	: \$ 15,673,755

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.48867
TOTAL POINTS	50.48867

Project Name, Number

CAMDEN COUNTY MUA
340709-02
I/I CORRECTION

Priority List Rank

246

County

CAMDEN

Existing Population

488,670

Service Area

Entire service area of CCMUA

Need for Project

Several portions of the service area are suspected of being subject to excessive I/I.

Project Description

The proposed project consists of implementing the necessary measures to eliminate excessive I/I, including replacement, grouting and other measures.

Anticipated Recipient	:	MT HOLLY SA		
Project No.	:	340817-02	Eligible Project Cost:	\$ 1,525,150
FY04 Rank	:	247		
County	:	BURLINGTON	Total State Amount	: \$ 1,525,150

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.35829
TOTAL POINTS	50.35829

Project Name, Number

Priority List Rank

MT HOLLY SA

247

340817-02

SEPTAGE TREATMENT & DISPOSAL

County

BURLINGTON

Existing Population

358,290

Service Area

Several Municipalities in New Jersey

Need for Project

The State of New Jersey has mandated that all septic tank wastes (septage) be banned from disposal in unlined landfills as of March 15, 1985. Subsequently, as there are no adequate landfills in the County, an agreement has been reached between Burlington County and the Mount Holly Sewerage Authority in which the latter would act as the lead agency to dispose of the County's septage on an interim basis. However, the Authority's facility is not designed to accept septage and the septage management plan concluded that treatment plant modifications are necessary.

Since there are no adequate means of septage disposal in the County, initial investigations indicate that septage is being dumped illegally and, in all likelihood, is resulting in localized surface and ground water degradation.

Project Description

The proposed project will treat and dispose of all the septage generated in the County on a short term basis at relatively minor costs. The county-wide sludge/septage study (C340818-01) will plan for septage disposal on a long-term basis. The latter study may conclude that the Authority should dispose of septage also for the long-term. The plans and specifications recently submitted will provide for the following:

1. Screening and Grit Removal Equipment
2. Comminutor
3. Aerated Holding Tanks
4. Chlorination Equipment
5. Pumps
6. Odor Control
7. Prefabricated Structure

Anticipated Recipient	:	PARSIPPANY-TROY HILLS TWP		
Project No.	:	340806-03	Eligible Project Cost:	\$ 354,638
FY04 Rank	:	248		
County	:	MORRIS	Total State Amount	: \$ 354,638

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.25737
TOTAL POINTS	50.25737

Project Name, Number

Priority List Rank

PARSIPPANY-TROY HILLS TWP
340806-03
SEPTAGE TREATMENT/DISPOSAL

248

County

MORRIS

Existing Population

257,370

Service Area

Boonton Town, Boonton Township, Denville Township, Dover Town, East Hanover Township, Hanover Township, Mine Hill Township, Montville Township, Mountain Lakes Borough, Mount Arlington Borough, Mount Olive Township, Netcong Borough, Parsippany-Troy Hills Township, Randolph Township, Rockaway Borough, Rockaway Township, Roxbury Township, Victory Gardens Borough, Washington Township, Wharton Borough, Florham Park Borough

Need for Project

Disposal of septage in unlined landfills was prohibited effective March 15, 1985 to prevent the danger of groundwater contamination. An alternative disposal method is to use existing treatment facilities. Therefore, the municipalities indicated above have been assigned to the Parsippany-Troy Hills treatment plant as designated in Appendix A of the Statewide Septage Management Plan. The project is necessary to insure that septage disposal for existing and future development is in conformance with said plan.

The Township of Parsippany-Troy Hills is in the last stages of completing the construction of a 16 mgd advanced wastewater treatment facility. The present septage handling facilities were adequate to handle the flows from just the immediate service area but they are not adequate to handle the quantity and quality of wastes directed to this facility by the Department.

It is the intent of this project to develop and implement a comprehensive plan to evaluate the capability of the treatment facility to accept additional septage wastes and to recommend necessary modifications be constructed.

Project Description

Parsippany-Troy Hills Wastewater Treatment Plant will have responsibility of treating an estimated 54,000 GPD of septage. In order to handle these wastes, Parsippany-Troy Hills has completed an NJDEP approved septage management plan which recommends construction of facilities that include the truck receiving area, gravel trap, coarse bar screens, holding tank, and associated appurtenances.

Anticipated Recipient	:	RAHWAY VALLEY SA		
Project No.	:	340547-03	Eligible Project Cost:	\$ 5,938,953
FY04 Rank	:	249		
County	:	UNION	Total State Amount	\$ 5,938,953

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.25000
TOTAL POINTS	50.25000

Project Name, Number

Priority List Rank

RAHWAY VALLEY SA

249

340547-03

I/I CORRECTION

County

UNION

Existing Population

250,000

Service Area

Springfield, Mountainside, Westfield, Kenilworth, Winfield, Garwood, Cranford, Roselle Park (part), Scotch Plains, Clark, Woodbridge (part) and Rahway

Need for Project

To eliminate excessive infiltration and inflow and to extend the useful life of the sewer.

Project Description

RVSA operates a 35 mgd secondary sewage treatment facility with a sewer configuration 300 miles in length. The I/I report indicates that the RVSA's sewer system is susceptible to an excessive I/I of 3 mgd which may be cost-effectively removed. This will be verified in the upcoming SSES phase. An Infiltration/Inflow correction program will follow thereafter.

Anticipated Recipient	:	RAHWAY VALLEY SA		
Project No.	:	340547-08	Eligible Project Cost:	\$ 1,713,312
FY04 Rank	:	249		
County	:	UNION	Total State Amount	\$ 1,713,312

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.25000
TOTAL POINTS	50.25000

Project Name, Number

Priority List Rank

RAHWAY VALLEY SA

249

340547-08

SEWER REHABILITATION

County

UNION

Existing Population

250,000

Service Area

Springfield, Mountainside, Westfield, Kenilworth, Winfield, Garwood, Cranford, Roselle Park (part), Scotch Plains, Clark, Woodbridge (part) and Rahway

Need for Project

The proposed project will restore the structural integrity and hydraulic capacity of approximately 1400 lin. ft. of 60-inch diameter reinforced concrete pipe that has become deteriorated due to the presence of hydrogen sulfide gas.

Project Description

The proposed project includes the cleaning and removal of debris from the pipe, by-pass pumping, installation of a 60-inch diameter cured-in-place liner, TV inspection of the completed project, and restoration of flow through the repaired pipe.

Anticipated Recipient	:	ATLANTIC COUNTY UA		
Project No.	:	340809-10	Eligible Project Cost:	\$ 4,227,304
FY04 Rank	:	251		
County	:	ATLANTIC	Total State Amount :	\$ 4,227,304

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.16367
TOTAL POINTS	50.16367

Project Name, Number

ATLANTIC COUNTY UA
340809-10
SEWER REHABILITATION

Priority List Rank

251

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

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

Project Description

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

Anticipated Recipient	:	GLOUCESTER COUNTY UA		
Project No.	:	340902-01	Eligible Project Cost:	\$ 4,945,666
FY04 Rank	:	252		
County	:	GLOUCESTER	Total State Amount	: \$ 4,945,666

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.15977
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TOTAL POINTS	50.15977
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Project Name, Number

Priority List Rank

GLOUCESTER COUNTY UA
340902-01
SLUDGE MANAGEMENT

252

County

GLOUCESTER

Existing Population

159,770

Service Area

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

Need for Project

The Gloucester County Utilities Authority (GCUA) is presently disposing of sludge by incineration. The design capacity of the GCUA incinerator is inadequate to handle the 15 tons of sludge (dry weight basis) produced at the GCUA Regional Plant. As a result, the Authority proposes to add another fluidized bed to the existing incinerator in order to increase its design capacity.

The approved (201) Facilities Plan for the GCUA consolidated region calls for static pile composing as a long term sludge management alternative. Therefore, the Authority may be required to amend the facilities plan, should they intend to employ incineration as the most cost effective, environmentally sound and implementable long term sludge management alternative.

Project Description

The project will consist of the addition of a fluidized bed to the existing incinerator of the GCUA Regional Plant for disposal of all the sludges produced in the GCUA-consolidated region.

Anticipated Recipient	:	NORTH HUDSON SA		
Project No.	:	340952-02	Eligible Project Cost:	\$ 6,549,672
FY04 Rank	:	253		
County	:	HUDSON	Total State Amount	\$ 6,549,672

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.14192
TOTAL POINTS	50.14192

Project Name, Number

Priority List Rank

NORTH HUDSON SA

253

340952-02

SEWER REHABILITATION

County

HUDSON

Existing Population

141,919

Service Area

Hoboken, Weehawken, West New York

Need for Project

The Authority's combined sewer system and collection system is subject to excessive amounts of inflow and infiltration causing sewage to overflow during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging in the collection and combined systems. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of pipes.

Anticipated Recipient	:	SOMERSET-RARITAN VALLEY SA		
Project No.	:	340801-03	Eligible Project Cost:	\$ 1,465,130
FY04 Rank	:	254		
County	:	SOMERSET	Total State Amount	\$ 1,465,130

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.10070
TOTAL POINTS	50.10070

Project Name, Number

Priority List Rank

SOMERSET-RARITAN VALLEY SA
340801-03
SEPTAGE TREATMENT/DISPOSAL

254

County

SOMERSET

Existing Population

100,700

Service Area

Bedminster Township, Bernards Township, Bernardsville Borough,
Branchburg Township, Bridgewater Township, Far Hills Borough,
Hillsborough Township, Manville Borough, Millstone Borough, Montgomery
Township, Peapack Gladstone Borough, Raritan Borough, Rocky Hill
Borough, Somerville Borough, Warren Township

Need for Project

Disposing of septage in unlined landfills was banned on March 15, 1985 pursuant to amendments of the Solid Waste Management Act to prevent the danger of groundwater contamination. An alternative disposal method is the utilization of existing treatment facilities. Therefore, the municipalities indicated above have been assigned to the Somerset-Raritan Valley SA treatment plant as designated in Appendix A of the Statewide Septage Management Plan. The present facilities at SRVSA for handling septage wastes are inadequate to handle the quantity and quality of wastes proposed to be accepted. This project is necessary to ensure that septage disposal for existing and future development is in conformance with said plan.

Project Description

This project is for the construction of septage facilities at the SRVSA plant so that it may dispose of the septage generated in Somerset County. The septage management plan recommends that the design capacity of the septage receiving station at the SRVSA plant be 28,000 gallons per day. In addition, the plan is addressing management and implementation considerations. The septage plan will provide SRVSA with a septage treatment and disposal method that will enable the Authority to accept all the wastes from its designated areas while also meeting its discharge requirements.

Anticipated Recipient	:	LINDEN ROSELLE SA		
Project No.	:	340299-05	Eligible Project Cost:	\$ 389,787
FY04 Rank	:	254		
County	:	UNION	Total State Amount	\$ 389,787

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.10070
TOTAL POINTS	50.10070

Project Name, Number

LINDEN ROSELLE SA
340299-05
SEWER REHABILITATION

Priority List Rank

254

County

UNION

Existing Population

100,700

Service Area

City of Linden and the Borough of Roselle

Need for Project

The Main Street Pump Station is aging, in need of repair, and undersized to handle current flows.

Project Description

The proposed project is for the repair and upgrade of the Main Street Pump Station.

Anticipated Recipient	:	SOMERSET RARITAN VALLEY SA		
Project No.	:	340801-05	Eligible Project Cost:	\$ 11,585,671
FY04 Rank	:	254		
County	:	SOMERSET	Total State Amount	: \$ 11,585,671

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.10070
TOTAL POINTS	50.10070

Project Name, Number

Priority List Rank

SOMERSET RARITAN VALLEY SA
340801-05
INTERCEPTOR

254

County

SOMERSET

Existing Population

100,700

Service Area

Bedminster Township, Bernards Township, Bernardsville Borough,
Branchburg Township, Bridgewater Township, Far Hills Borough,
Hillsborough Township, Manville Borough, Millstone Borough, Montgomery
Township, Peapack Gladstone Borough, Raritan Borough, Rocky Hill
Borough, Somerville Borough, Warren Township

Need for Project

The proposed project will provide adequate conveyance capacity to the SRVSA's
interceptor sewer system and reduce the frequency and volume of capacity overloads.

Project Description

The proposed project includes the installation of a new interceptor relief sewer
paralleling the existing interceptor sewer. The new interceptor relief sewer will
consist of approximately 4.5 miles of 30-inch gravity pipe including manholes, twin
barrel 18-inch siphons and siphon chambers.

Anticipated Recipient	:	ROCKAWAY VALLEY REG SA		
Project No.	:	340756-02	Eligible Project Cost:	\$ 5,938,953
FY04 Rank	:	257		
County	:	MORRIS	Total State Amount	: \$ 5,938,953

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.09218
TOTAL POINTS	50.09218

Project Name, Number

Priority List Rank

ROCKAWAY VALLEY REG SA
340756-02
I/I CORRECTION

257

County

MORRIS

Existing Population

92,180

Service Area

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

Need for Project

Recently, minor sewer rehabilitation work (internal grouting) has been completed for the Rockaway Valley Service Area. Additional studies are underway to further define the excessive I/I and to propose a correction program.

Project Description

This proposed project will consist of an Infiltration/Inflow correction program to further remove a portion of the excessive I/I.

NEW JERSEY STATE LIBRARY

Anticipated Recipient	:	NORTHWEST BERGEN CO UA		
Project No.	:	340700-06	Eligible Project Cost:	\$ 7,944,881
FY04 Rank	:	258		
County	:	BERGEN	Total State Amount	\$ 7,944,881

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.09171
TOTAL POINTS	50.09171

Project Name, Number

NORTHWEST BERGEN CO UA
340700-06
I/I CORRECTION

Priority List Rank

258

County

BERGEN

Existing Population

91,710

Service Area

This project will serve the residents of the Boroughs of Franklin Lakes, Ramsey, Upper Saddle River, Saddle River, Allendale, Waldwick, Midland Park, and Hohokus, and the Townships of Mahwah and Wyckoff.

Need for Project

An Infiltration/Inflow (I/I) analysis has concluded that excessive I/I exists within the Authority's sewer system. Additional studies will be required to further define the quantity of excessive I/I and to propose an Infiltration/Inflow correction program to eliminate a portion of the excessive I/I.

Project Description

This proposed project will consist of an Infiltration/Inflow correction program to remove a portion of the excessive I/I. This project is presently in the planning stage.

Anticipated Recipient	:	CAMDEN CITY		
Project No.	:	340641-02	Eligible Project Cost:	\$ 3,997,392
FY04 Rank	:	259		
County	:	CAMDEN	Total State Amount	\$ 3,997,392

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.07990
TOTAL POINTS	50.07990

Project Name, Number

Priority List Rank

CAMDEN CITY

259

340641-02

SEWER REHABILITATION

County

CAMDEN

Existing Population

79,904

Service Area

City of Camden

Need for Project

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

Project Description

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

Anticipated Recipient	:	EAST ORANGE CITY		
Project No.	:	340843-01	Eligible Project Cost:	\$ 2,588,981
FY04 Rank	:	260		
County	:	ESSEX	Total State Amount	\$ 2,588,981

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.07758
TOTAL POINTS	50.07758

Project Name, Number

EAST ORANGE CITY
340843-01
I/I CORRECTION

Priority List Rank

260

County

ESSEX

Existing Population

77,580

Service Area

City of East Orange

Need for Project

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

Project Description

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

Anticipated Recipient : CLIFTON CITY

Project No. : 340844-01 Eligible Project Cost: \$ 1,428,585

FY04 Rank : 261

County : PASSAIC Total State Amount : \$ 1,428,585

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.07652

TOTAL POINTS 50.07652

Project Name, Number

Priority List Rank

CLIFTON CITY
340844-01
I/I CORRECTION

261

County

PASSAIC

Existing Population

76,520

Service Area

City of Clifton

Need for Project

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

Project Description

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

Anticipated Recipient	:	WOODBIDGE TOWNSHIP		
Project No.	:	340433-04	Eligible Project Cost:	\$ 1,132,363
FY04 Rank	:	262		
County	:	MIDDLESEX	Total State Amount	: \$ 1,132,363

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.06983
TOTAL POINTS	50.06983

Project Name, Number

Priority List Rank

WOODBIDGE TOWNSHIP
340433-04
I/I CORRECTION

262

County

MIDDLESEX

Existing Population

69,830

Service Area

Woodbridge Township, Sewaren and Keasby sections

Need for Project

The sewer systems in the Sewaren and Keasby sections, constructed prior to the use of secondary treatment methods, did not set strict limits on the volume of infiltration and inflow within sanitary sewers since treatment costs were not greatly affected by these extraneous flows. In recent years, however, the construction costs of conveyance facilities, coupled with rising treatment costs associated with secondary treatment methods, have resulted in efforts to eliminate infiltration and inflow in areas where it is proven to be cost-effective.

Project Description

The proposed project is an Infiltration/Inflow Correction program for Woodbridge's existing sewer system within the Sewaren and Keasby sections. The Sewaren sewer system serves Avenel, Port Reading, Sewaren, and Woodbridge proper. Its drainage area encompasses 6,090 acres and contains 89.9 miles of sanitary sewer. The Woodbridge Interceptor (approximately parallel to the Woodbridge River) serves a majority of the system. The Keasby sewerage system serves Fords, Hopelawn, and Keasby. Its drainage area encompasses 2,389 acres and contains 30.2 miles of sanitary sewer.

Anticipated Recipient	:	EWING LAWRENCE SA		
Project No.	:	340391-06	Eligible Project Cost:	\$ 2,718,518
FY04 Rank	:	263		
County	:	MERCER	Total State Amount	\$ 2,718,518

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.06487
TOTAL POINTS	50.06487

Project Name, Number

EWING LAWRENCE SA
340391-06
I/I CORRECTION

Priority List Rank

263

County

MERCER

Existing Population

64,866

Service Area

Mountain View section of Ewing Township

Need for Project

The Township'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 purpose of the project is to reduce rainfall-induced surcharging of the collection system and sewage treatment plant. The project involves an infiltration/inflow correction program including removal of stormwater connections.

Anticipated Recipient : OLD BRIDGE MUA

Project No. : 340945-05 Eligible Project Cost: \$ 2,183,362

FY04 Rank : 264

County : MIDDLESEX Total State Amount : \$ 2,183,362

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.06046

TOTAL POINTS 50.06046

Project Name, Number

OLD BRIDGE MUA
340945-05
SEWER REHABILITATION

Priority List Rank

264

County

MIDDLESEX

Existing Population

60,456

Service Area

Old Bridge

Need for Project

The Authority has an on-going program to eliminate sources of excessive I/I in their sewer system. The project is needed due to the deterioration of the structural integrity of the sewers. In addition, the Rams Field and Farrington Pump Stations are old and need to be rehabilitated and upgraded to ensure proper operation, to facilitate routine maintenance, and to control odors.

Project Description

The project includes the relining of problem sewer mains throughout the Township and the rehabilitation of two pump stations, including the installation of comminutors with submersible motors and carbon filters for odor controls. A new bypass chamber will be installed in one pump station.

Anticipated Recipient	:	NORTH BERGEN TOWNSHIP			
Project No.	:	340652-07	Eligible Project Cost:	\$	639,645
FY04 Rank	:	265			
County	:	HUDSON	Total State Amount	:	\$ 639,645

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

<u>III. WATER USE/WATER QUALITY POINTS</u>		
<u>A. Water Use</u>		
Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.05809
TOTAL POINTS	50.05809

Project Name, Number

NORTH BERGEN TOWNSHIP
340652-07
SEWER REHABILITATION

Priority List Rank

265

County

HUDSON

Existing Population

58,092

Service Area

Township of North Bergen

Need for Project

The Township's combined sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the combined system. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the combined system.

Anticipated Recipient :	SALEM COUNTY BD OF CHOSEN FREEHOLDERS		
Project No. :	340804-03	Eligible Project Cost:	\$ 6,816,427
FY04 Rank :	266		
County :	SALEM	Total State Amount :	\$ 6,816,427

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.05688
TOTAL POINTS	50.05688

Project Name, Number

Priority List Rank

SALEM COUNTY BD OF CHOSEN FREEHOLDERS
340804-03
SEPTAGE TREATMENT/DISPOSAL

266

County

SALEM

Existing Population

56,880

Service Area

Alloway Township, Carney's Point Township, Elmer Borough, Elsinboro Township, Lower Alloways Creek Township, Mannington Township, Oldmans Township, Pennsville Township, Pilesgrove Township, Pittsgrove Township, Quinton Township, Salem City, Upper Pittsgrove Township

Need for Project

Approximately 30 percent of County residents employ on-lot individual septic systems to treat their wastewater. Currently, numerous problems exist with these systems as a result of their installation in inappropriate soils and due to inadequate design. This situation leads to nuisance conditions, possibility of public health problems, and localized groundwater quality degradation.

The problems in Salem County are further aggravated by the lack of adequate facilities to accept and properly dispose of septage pumpouts. The State of New Jersey mandated that septage be banned from all but lined landfills with leachate control effective March 15, 1985. There are no such facilities in the planning area. It is presumed that a good deal of illegal septage dumping is occurring in the County and that surface and groundwater quality degradation may result.

Project Description

The planning for this project is to provide two basic responses to the problem outlined above. The first response is to plan for the adequate treatment and disposal for all the septage generated within the County. The second is to develop an overall management system of the County where on-lot systems currently exist. These solutions would involve the application and innovation of advanced technologies to resolve these problems. The facilities plan will consist of the following components:

1. County-wide Septage Disposal Plan
2. On-lot Septic Tank Management Plan
3. Environmental Analysis
4. Full-scale Public Participation Program.

Implementation of the selected plan will resolve the problem indicated above in a cost-effective, environmentally sound manner.

Anticipated Recipient	:	BERKELEY HEIGHTS TOWNSHIP		
Project No.	:	340385-03	Eligible Project Cost:	\$ 500,308
FY04 Rank	:	267		
County	:	UNION	Total State Amount	: \$ 500,308

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.05441
TOTAL POINTS	50.05441

Project Name, Number

BERKELEY HEIGHTS TOWNSHIP
340385-03
STORMWATER MANAGEMENT

Priority List Rank

267

County

UNION

Existing Population

54,405

Service Area

Township of Berkeley Heights

Need for Project

The existing storm sewer system in the Township has deteriorated pipes, inadequately sized pipes, and an inadequate number of catch basins resulting in flooding. Flooding also results in more grease/oil, pesticides, fertilizers, etc. being introduced into the storm system and discharging into local waters.

Project Description

The proposed project includes improvements to existing detention and retention facilities, improvements to existing stormwater drainage piping systems, and construction of new stormwater drainage piping systems.

Anticipated Recipient	:	PASSAIC CITY		
Project No.	:	340845-01	Eligible Project Cost:	\$ 5,331,697
FY04 Rank	:	268		
County	:	PASSAIC	Total State Amount	: \$ 5,331,697

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored		
	200	0		
<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored		
CSO Abatement	250	0		
I/I Correction-Overflow	250	0		
Treatment Plant Improvements	150	0		
Sludge Disposal/Treatment	100	0		
Corrective Systems	50	0		
I/I Correction	50	50		
Stormwater/NPS Management	50-100	0		
	Subtotal	50		
<u>III. WATER USE/WATER QUALITY POINTS</u>				
<u>A. Water Use</u>				
Water Use	Possible Points	Points Scored		
Potable Water Supply	200	0		
Shellfish	125	0		
Recreation(Primary Contact)	125	0		
Freshwater Fisheries(Trout/NonTrout)	75/25	0		
Public Nuisance(On Site Systems Only)	50	0		
Agriculture Water Use	25	0		
Industrial Water Use	25	0		
	Subtotal	0		
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0
		State Planning Commission		0.00000
		Population		0.05396
		TOTAL POINTS		50.05396

Project Name, Number

Priority List Rank

PASSAIC CITY

268

340845-01

I/I CORRECTION

County

PASSAIC

Existing Population

53,960

Service Area

City of Passaic

Need for Project

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

Project Description

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

Anticipated Recipient	:	GLOUCESTER TOWNSHIP MUA			
Project No.	:	340364-01	Eligible Project Cost:	\$	1,540,661
FY04 Rank	:	269			
County	:	CAMDEN	Total State Amount	:	\$ 1,540,661

<u>I. APPROVED WATERSHED PLAN</u>		Possible Points	Points Scored	
		200	0	
<u>II. PROJECT DISCHARGE TYPE</u>		Possible Points	Points Scored	
CSO Abatement		250	0	
I/I Correction-Overflow		250	0	
Treatment Plant Improvements		150	0	
Sludge Disposal/Treatment		100	0	
Corrective Systems		50	0	
I/I Correction		50	50	
Stormwater/NPS Management		50-100	0	
		Subtotal	50	
<u>III. WATER USE/WATER QUALITY POINTS</u>				
<u>A. Water Use</u>				
Water Use		Possible Points	Points Scored	
Potable Water Supply		200	0	
Shellfish		125	0	
Recreation(Primary Contact)		125	0	
Freshwater Fisheries(Trout/NonTrout)		75/25	0	
Public Nuisance(On Site Systems Only)		50	0	
Agriculture Water Use		25	0	
Industrial Water Use		25	0	
		Subtotal	0	
<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
		Subtotal		0
		State Planning Commission		0.00000
		Population		0.05380
		TOTAL POINTS		50.05380

Project Name, Number

Priority List Rank

GLOUCESTER TOWNSHIP MUA
340364-01
PUMP STATION, FORCE MAIN

269

County

CAMDEN

Existing Population

53,800

Service Area

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

Need for Project

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

Project Description

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

Anticipated Recipient	:	NORTHWEST BERGEN CO UA		
Project No.	:	340700-05	Eligible Project Cost:	\$ 2,294,564
FY04 Rank	:	270		
County	:	BERGEN	Total State Amount	\$ 2,294,564

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.05055
TOTAL POINTS	50.05055

Project Name, Number

Priority List Rank

NORTHWEST BERGEN CO UA

270

340700-05

SEPTAGE DISPOSAL FACILITY

County

BERGEN

Existing Population

50,550

Service Area

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

Need for Project

Although the unsewered areas are included in the Planning Area for Northwest Bergen County Utilities Authority, there is presently no formal provision to treat septage from these areas. Septage from NWBCUA is presently being taken by informal agreement to Bergen County Utilities Authority treatment plant. The distance to this facility creates a climate for illegal dumping. The lack of a long term formal arrangement with Bergen County is unacceptable, and the lack of quality assurance is unacceptable.

Project Description

This project will provide for the construction of septage handling facilities to receive all septage generated within the planning area for treatment at the Northwest Bergen treatment plant. The septage facilities will provide for quality assurance to prevent treatment plant upset, and will provide odor control. The construction of septage facilities in conjunction with the initiation of a voucher system for tracking septage from "cradle to grave" will assure control, collection, disposal, and treatment of septage wastes from approximately 50,000 people in the planning area, thereby eliminating present unacceptable trucking and disposal of septage.

Anticipated Recipient	:	WAYNE TOWNSHIP		
Project No.	:	340393-07	Eligible Project Cost:	\$ 2,049,114
FY04 Rank	:	271		
County	:	PASSAIC	Total State Amount	\$ 2,049,114

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.04955
TOTAL POINTS	50.04955

Project Name, Number

Priority List Rank

WAYNE TOWNSHIP
340393-07
I/I CORRECTION

271

County

PASSAIC

Existing Population

49,550

Service Area

Township of Wayne

Need for Project

This project is for the minor rehabilitation of the Township's existing sewer system. A sewer system evaluation survey concluded that approximately 1.5 million gallons per day (MGD) of excessive Infiltration/Inflow could be removed from the system cost-effectively. This project would ensure the removal of the 1.5 MGD by the accomplishment of this rehabilitation work.

Project Description

The proposed Phase I project (C340393-06) is to rehabilitate portions of the existing sewer system in the area of Pines Lake and Packanack Lake. The work for Phase I includes inversion lining of 3,160 linear feet (LF) of sewer pipe, replacement of approximately 5,130 LF of sewer pipe, grouting and air testing, and rehabilitation of 11 manholes. Phase II investigations (C340393-07) will be required to eliminate all excessive infiltration/inflow for other portions of the existing sewer system.

Anticipated Recipient	:	SOUTH MONMOUTH RSA		
Project No.	:	340377-02	Eligible Project Cost:	\$ 11,585,671
FY04 Rank	:	272		
County	:	MONMOUTH	Total State Amount	\$ 11,585,671

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.04800
TOTAL POINTS	50.04800

Project Name, Number

SOUTH MONMOUTH RSA
340377-02
I/I CORRECTION

Priority List Rank

272

County

MONMOUTH

Existing Population

48,000

Service Area

Belmar, South Belmar, Spring Lake, Spring Lake Heights, Sea Girt, Brielle, Manasquan, Wall Township

Need for Project

Substantial increases in sewage at the SMRSA treatment plant during the spring and after heavy rainfall will require either a plant expansion or infiltration and inflow reduction. An I/I correction promises to relieve the problem and is more cost effective.

Project Description

The proposed project consists of an infiltration/inflow correction program to eliminate excessive I/I from the sewage system.

NEW JERSEY STATE LIBRARY

Anticipated Recipient	:	PERTH AMBOY CITY		
Project No.	:	340435-06	Eligible Project Cost:	\$ 5,976,849
FY04 Rank	:	273		
County	:	MIDDLESEX	Total State Amount	\$ 5,976,849

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.04730
TOTAL POINTS	50.04730

Project Name, Number

Priority List Rank

PERTH AMBOY CITY

273

340435-06

SEWER REHABILITATION

County

MIDDLESEX

Existing Population

47,303

Need for Project

old and deteriorating sewer lines in Perth Amboy have been collapsing and causing back-ups and flooding.

Project Description

The proposed project includes rehabilitation of sewer lines through replacement and relining. The City will also take measures to relieve the load on the system by purchasing a Jet Vactor for cleaning sewer lines and replacing catch basins to keep debris out of the system.

Anticipated Recipient	:	WASHINGTON TOWNSHIP MUA		
Project No.	:	340930-03	Eligible Project Cost:	\$ 962,250
FY04 Rank	:	274		
County	:	GLOUCESTER	Total State Amount	\$ 962,250

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.04711
TOTAL POINTS	50.04711

Project Name, Number

WASHINGTON TOWNSHIP MUA
340930-03
SEWER REHABILITATION

Priority List Rank

274

County

GLOUCESTER

Existing Population

47,114

Service Area

Washington Township

Need for Project

The Township's sewer mains are old and have been experiencing blockages due to deterioration, dips, and misalignments causing sewage to surcharge and overflow.

Project Description

The proposed project includes the replacement of the existing sewer main with a new PVC main. One pump station is proposed to be removed and sewer mains will be rerouted to allow for gravity flow in certain areas of the Township.

Anticipated Recipient	:	BERKELEY TOWNSHIP		
Project No.	:	340969-01	Eligible Project Cost:	\$ 2,718,518
FY04 Rank	:	275		
County	:	OCEAN	Total State Amount	\$ 2,718,518

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.03999
TOTAL POINTS	50.03999

Project Name, Number

BERKELEY TOWNSHIP
340969-01
I/I CORRECTION

Priority List Rank

275

County

OCEAN

Existing Population

39,991

Service Area

Berkeley Township

Need for Project

To reduce elevated levels of bacteria in stormwater discharges to coastal waters.

Project Description

To eliminate cross-connections between sanitary and storm sewers by replacing portions of sewers, sealing manholes, and sealing leaks. To eliminate interconnections due to leaks, flows, or overflows from the sanitary sewer system.

Anticipated Recipient	:	BERKELEY TOWNSHIP SA		
Project No.	:	340969-03	Eligible Project Cost:	\$ 4,240,431
FY04 Rank	:	275		
County	:	OCEAN	Total State Amount	\$ 4,240,431

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03999
TOTAL POINTS	50.03999

Project Name, Number

BERKELEY TOWNSHIP SA
340969-03
COLLECTION SYSTEM

Priority List Rank

275

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 requiring; the proposed collection system will replace the septic systems eliminating future failures and possible overflows.

Project Description

The proposed project includes installation of a sanitary sewer collection system to service approximately 310 existing homes in the Pinewald area of Berkeley Township.

Anticipated Recipient	:	WEST ORANGE TOWNSHIP		
Project No.	:	340865-01	Eligible Project Cost:	\$ 12,117,146
FY04 Rank	:	277		
County	:	ESSEX	Total State Amount	\$ 12,117,146

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03911
TOTAL POINTS	50.03911

Project Name, Number

WEST ORANGE TOWNSHIP
340865-01
INTERCEPTOR SEWERS

Priority List Rank

277

County

ESSEX

Existing Population

39,110

Service Area

West Orange Township

Need for Project

The existing sewerage system in West Orange has inadequate capacity to allow for future growth potential. New interceptors and appurtenances are required to provide the needed reserve capacity for both planned and proposed sewer connections. The Township of West Orange is included within the sewer service area of the Essex/Union Joint Meeting. Since this project will have no direct impact upon existing water quality, only discharge category points for new systems can be justified.

Project Description

Proposed is the construction of new interceptors consisting of both gravity sewers and pump station/force main and appurtenances to provide additional capacity for the First and Second Mountain areas of West Orange and Livingston. An old interceptor line (PS/FM and Gravity) is also proposed for replacement as part of a major sewer system rehabilitation effort.

Anticipated Recipient	:	MANASQUAN RIVER REG SA		
Project No.	:	340832-02	Eligible Project Cost:	\$ 4,610,126
FY04 Rank	:	278		
County	:	MONMOUTH	Total State Amount	\$ 4,610,126

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.03900
TOTAL POINTS	50.03900

Project Name, Number

Priority List Rank

MANASQUAN RIVER REG SA
340832-02
NEW INTERCEPTOR SYSTEM

278

County

MONMOUTH

Existing Population

39,000

Service Area

Howell Township, Farmingdale, Freehold Borough, Freehold Township and Wall Township

Need for Project

The project will eliminate point sources of pollution in the below mentioned areas (Project Description). Along the southern Route 9 corridor, the need for onsite septage systems will be eliminated. Project is needed to serve Wall Township growth and eliminate onsite disposal systems adjacent to Route 34.

Project Description

The project involves construction of an extension of interceptor sewers in the Lone Pine Landfill (Freehold Township), Brisbane Hospital (Wall Township) and Southern Route 9 Corridor (Howell Township).

Anticipated Recipient : MONTCLAIR TOWN

Project No. : 340837-01 Eligible Project Cost: \$ 2,088,076

FY04 Rank : 279

County : ESSEX Total State Amount : \$ 2,088,076

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.03870

TOTAL POINTS 50.03870

Project Name, Number

MONTCLAIR TOWN

340837-01

I/I CORRECTION

County

ESSEX

Priority List Rank

279

Existing Population

38,700

Service Area

Town of Montclair

Need for Project

A sewer system evaluation survey (SSES) recently completed by the Passaic Valley Sewerage Commissioners attributed approximately 1.5 million gallons per day of infiltration to deficiencies in the Montclair sewer system.

Project Description

An I/I correction program involving grouting, excavation, replacement and slip lining is expected to remove nearly 26 percent of the daily infiltration. The repair of public inflow sources is also planned.

Anticipated Recipient	:	HOBOKEN CITY		
Project No.	:	340635-03	Eligible Project Cost:	\$ 73,770
FY04 Rank	:	280		
County	:	HUDSON	Total State Amount	\$ 73,770

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.03858
TOTAL POINTS	50.03858

Project Name, Number

HOBOKEN CITY
340635-03
STORMWATER MANAGEMENT

Priority List Rank

280

County

HUDSON

Existing Population

38,577

Service Area

City of Hoboken

Need for Project

Hoboken plans to install a detention system and storm sewer to serve a section of the City, and will connect to an existing storm sewer.

Project Description

The proposed project includes a series of 21 inch diameter storage pipes with outfalls connected to the storm drainage system in Jackson Street.

Anticipated Recipient	:	HOPEWELL TOWNSHIP		
Project No.	:	340282-01	Eligible Project Cost:	\$ 23,940,222
FY04 Rank	:	281		
County	:	MERCER	Total State Amount	: \$ 23,940,222

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03846
TOTAL POINTS	50.03846

Project Name, Number

Priority List Rank

HOPEWELL TOWNSHIP
340282-01
INTERCEPTOR SEWERS

281

County

MERCER

Existing Population

38,460

Service Area

The service area is bounded by Lawrenceville-Pennington Road and Washington Crossing Road to the north, the Township boundary to the south, Brandon Farms development to the east and the rear of the lots which front on Jacobs Creek Road. Also included is the municipal facility and the Indian Village development.

Need for Project

The project is needed to provide public sewer service to small residential lots currently served by individual on-site disposal systems underlain by rock and shallow seasonal high groundwater tables.

Project Description

The proposed project involves the construction of gravity collection sewers, trunk mains, force mains and pump stations to service the southeast sector of Hopewell Township. The sewage will be conveyed to the Ewing-Lawrence SA's treatment facility.

Anticipated Recipient	:	CHERRY HILL TOWNSHIP		
Project No.	:	340954-01	Eligible Project Cost:	\$ 1,276,427
FY04 Rank	:	282		
County	:	CAMDEN	Total State Amount	\$ 1,276,427

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.03647
TOTAL POINTS	50.03647

Project Name, Number

Priority List Rank

CHERRY HILL TOWNSHIP

282

340954-01

COLLECTION SYSTEM, REHABILITATION

County

CAMDEN

Existing Population

36,470

Service Area

Cherry Hill Township

Need for Project

To remove aging septic systems and replace them with sanitary sewer extensions and to rehabilitate aging pump stations.

Project Description

The Township of Cherry Hill plans to extend their sanitary sewers to reach several remaining unsewered sections of the Township. The various extensions are spread throughout the Township. The project will consist of gravity sewer mains, several force mains, house connections, all restorations and appurtenances. Also, the Peppermill Pump Station and Batesville Pump Station will be rehabilitated. The project may include the elimination of the School Lane Pump Station and connection by gravity sewer to an existing Camden County MUA interceptor. The Peppermill Pump Station has an existing peak flow rate of 0.13 mgd, and the Batesville Pump Station has an existing flow rate of 0.52 mgd. Each pump station will have their wetwells and pumps replaced along with related electrical services.

Anticipated Recipient : KEARNY MUA

Project No. : 340259-03 Eligible Project Cost: \$ 1,294,666

FY04 Rank : 283

County : HUDSON Total State Amount : \$ 1,294,666

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.03487

TOTAL POINTS 50.03487

Project Name, Number

Priority List Rank

KEARNY MUA

283

340259-03

SEWER REHABILITATION

County

HUDSON

Existing Population

34,874

Service Area

Town of Kearny

Need for Project

The Town plans to replace a corroded sewer to eliminate infiltration and to restore carrying capacity. The Town also proposes to install a mechanically cleaned bar screen for the removal of excess solids from the influent waste stream. The solids interfere with operation and maintenance.

Project Description

The proposed project includes sewer rehabilitation of a sanitary sewer line, treatment system rehabilitation. The treatment system rehabilitation includes the installation of a mechanical cleaned screen and associated controls. Also included is the installation/repair of a heating system for the pump station.

Anticipated Recipient : NEPTUNE TWP SA

Project No. : 340410-04 Eligible Project Cost: \$ 4,481,756

FY04 Rank : 284

County : MONMOUTH Total State Amount : \$ 4,481,756

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		<u>50</u>

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		<u>0</u>

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				<u>0</u>

State Planning Commission 0.00000

Population 0.03473

TOTAL POINTS 50.03473

Project Name, Number

NEPTUNE TWP SA
340410-04
I/I CORRECTION

Priority List Rank

284

County

MONMOUTH

Existing Population

34,727

Service Area

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

Need for Project

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

Project Description

The project will consist of an I/I correction program that is found to be cost-effective during the Sewer System Evaluation Survey. Common methods of rehabilitation are 1) grouting of joints and cracked pipes; 2) slip-lining of select reaches of sewer; and 3) total replacement of select reaches of sewer. The proposed I/I correction project will not have an appreciable effect on the treatment plant's ability to meet the established effluent limitations.

Anticipated Recipient	:	WINSLOW TWP (SICKLERSVILLE)		
Project No.	:	340895-01	Eligible Project Cost:	\$ 2,013,118
FY04 Rank	:	285		
County	:	CAMDEN	Total State Amount	\$ 2,013,118

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.03461
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TOTAL POINTS	50.03461
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Project Name, Number

Priority List Rank

WINSLOW TWP (SICKLERSVILLE)

285

340895-01

I/I CORRECTION

County

CAMDEN

Existing Population

34,611

Service Area

Winslow Township (Sicklersville)

Need for Project

The existing collection system in the Township of Winslow is possibly subject to excessive Infiltration/Inflow (I/I).

Project Description

The project consists of the rehabilitation of the sewer system.

Anticipated Recipient	:	EWING TOWNSHIP		
Project No.	:	340397-01	Eligible Project Cost:	\$ 465,419
FY04 Rank	:	286		
County	:	MERCER	Total State Amount	: \$ 465,419

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03419
TOTAL POINTS	50.03419

Project Name, Number

EWING TOWNSHIP
340397-01
STORMWATER/NPS MANAGEMENT

Priority List Rank

286

County

MERCER

Existing Population

34,185

Service Area

Township of Ewing

Need for Project

The Township of Ewing is in need of both a street sweeper and a flush truck. The purchase of this equipment will help the Township reduce the amount of debris that accumulates in the sewer system and, in turn, reduce solids/floatables from entering Shabakunk Creek.

Project Description

The proposed project involves the purchase of one street sweeper and one flush truck.

Anticipated Recipient	:	EWING TOWNSHIP		
Project No.	:	340397-03	Eligible Project Cost:	\$ 185,346
FY04 Rank	:	286		
County	:	MERCER	Total State Amount	: \$ 185,346

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03419
TOTAL POINTS	50.03419

Project Name, Number

EWING TOWNSHIP
340397-03
STORMWATER MANAGEMENT

Priority List Rank

286

County

MERCER

Existing Population

34,185

Service Area

Ewing Township

Need for Project

The Township needs to reduce flooding and reduce solids transportation. The project would reduce the sediment load to prevent creation of sediment islands and minimize the scour effect on stream banks.

Project Description

The proposed project will address the degradation of the water quality in a tributary to the Gold Run by stabilizing its banks and restoring the bed to its original configuration. The stream has many areas of severe erosion that are causing significant property damage. The stabilization is approximately 1300 feet in length and will restore the conveyance area to reduce erosive velocities.

Anticipated Recipient	:	FORT LEE BOROUGH		
Project No.	:	340853-01	Eligible Project Cost:	\$ 682,636
FY04 Rank	:	288		
County	:	BERGEN	Total State Amount	: \$ 682,636

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.03262
TOTAL POINTS	50.03262

Project Name, Number

Priority List Rank

FORT LEE BOROUGH
340853-01
I/I CORRECTION

288

County

BERGEN

Existing Population

32,620

Service Area

Borough of Fort Lee

Need for Project

The Bergen County Utilities Authority Infiltration/Inflow (I/I) Analysis and Sewer System Evaluation survey identified excessive I/I in this municipality's sewer system.

Project Description

The excessive I/I will be removed by grouting, slip lining, and other minor rehabilitation methods.

Anticipated Recipient	:	ORANGE CITY		
Project No.	:	340859-01	Eligible Project Cost:	\$ 964,562
FY04 Rank	:	289		
County	:	ESSEX	Total State Amount	\$ 964,562

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03173
TOTAL POINTS	50.03173

Project Name, Number

Priority List Rank

ORANGE CITY
340859-01
I/I CORRECTION

289

County

ESSEX

Existing Population

31,730

Service Area

City of Orange

Need for Project

A sewer system evaluation survey recently performed by Killam Associates for the City of Orange recommended that the combined sanitary/storm sewer systems should be eliminated by internally sealing the overflow weirs in the combination sanitary/storm sewer manholes. In conjunction with sealing the overflows, a program of sewer pipe rehabilitation should be undertaken to reduce infiltration and sewer surcharging conditions.

Project Description

A phased program of sewer system rehabilitation to eliminate sanitary sewer overflows to the Wigwam Brook is being undertaken by the City. The first phase of this program will include sealing the overflow weirs in 21 combination sanitary/storm sewer manholes, replacement of approximately 250 linear feet of 15" and 18" sewer pipe, and sealing underdrain access openings in 20 manholes. The second phase includes replacing approximately 245 linear feet of sewer pipe and slip lining approximately 830 linear feet of pipe. The third phase includes eliminating a bend in the interceptor sewer by constructing a new manhole.

Anticipated Recipient	:	PEMBERTON TOWNSHIP MUA		
Project No.	:	340649-02	Eligible Project Cost:	\$ 13,800,360
FY04 Rank	:	290		
County	:	BURLINGTON	Total State Amount	: \$ 13,800,360

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.03134
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TOTAL POINTS	50.03134
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Project Name, Number

Priority List Rank

PEMBERTON TOWNSHIP MUA

290

340649-02

STP IMPROVEMENT, COLLECTION SYSTEM

County

BURLINGTON

Existing Population

31,340

Service Area

Portions of Pemberton Township including areas designated as regional growth within the Pinelands

Need for Project

The implementation of the upgrading of the Pemberton Township Municipal Utilities Authority Wastewater Treatment System will serve to enhance the groundwater quality in those area which are presently serviced by on-site septic systems. The properly planned expansion of the system will protect the environment from improper discharges to the groundwater and surface water. The upgrading of the existing facilities at the Authority's STP will be necessary to maintain the high level of treatment required for discharge into the North Branch of the Rancocas Creek in accordance with NJPDES permit No. NJ0024821. The existing plant is over twenty (20) years old is in need of rehabilitation and replacement of equipment. In the event that the collection system is enlarged the treatment plant capacity will have to expand to meet the demand.

Project Description

The proposed project includes the construction of a regional collection system and repair/replacement of various treatment units to improve treatment capabilities at the Pemberton Township MUA's STP.

Anticipated Recipient	:	EGG HARBOR TOWNSHIP MUA		
Project No.	:	340353-02	Eligible Project Cost:	\$ 916,350
FY04 Rank	:	291		
County	:	ATLANTIC	Total State Amount	: \$ 916,350

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03073
TOTAL POINTS	50.03073

Project Name, Number

EGG HARBOR TOWNSHIP MUA
340353-02
SEWER REHABILITATION

Priority List Rank

291

County

ATLANTIC

Existing Population

30,726

Service Area

Township of Egg Harbor

Need for Project

The existing thirty-five-year old asbestos cement sewer lines in West Atlantic City have deteriorated and need to be replaced.

Project Description

The project consists of replacing of 9,100 feet of sewer lines and appurtenances. fourteen inch asbestos cement sanitary sewer force main.

Anticipated Recipient	:	EGG HARBOR TOWNSHIP MUA		
Project No.	:	340753-03	Eligible Project Cost:	\$ 916,350
FY04 Rank	:	291		
County	:	ATLANTIC	Total State Amount	: \$ 916,350

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03073
TOTAL POINTS	50.03073

Project Name, Number

EGG HARBOR TOWNSHIP MUA
340753-03
SEWER REHABILITATION

Priority List Rank

291

County

ATLANTIC

Existing Population

30,726

Service Area

West Atlantic City

Need for Project

The sanitary sewer lines are over 35 years old and greatly deteriorated due to the use of asbestos cement pipe, the selected alignment of section of the system and the aggressive nature of the soil.

Project Description

The proposed project involves replacement of 9100 feet of sewer mains, manholes, and sewer laterals.

Anticipated Recipient	:	WINSLOW TOWNSHIP (CEDAR BROOK)		
Project No.	:	340895-04	Eligible Project Cost:	\$ 3,997,392
FY04 Rank	:	293		
County	:	CAMDEN	Total State Amount	: \$ 3,997,392

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.03009
TOTAL POINTS	50.03009

Project Name, Number

Priority List Rank

WINSLOW TOWNSHIP (CEDAR BROOK)
340895-04
COLLECTION SYSTEM

293

County

CAMDEN

Existing Population

30,090

Service Area

Winslow Township

Need for Project

A portion of Winslow Township is presently served by on-site systems. Many of these systems are malfunctioning; consequently, there is potential for groundwater contamination.

Project Description

The project consists of the construction of a sanitary sewer extension and pump stations necessary to service the schools and local residents.

Anticipated Recipient	:	WINSLOW TOWNSHIP (W. ATCO)		
Project No.	:	340895-05	Eligible Project Cost:	\$ 4,852,482
FY04 Rank	:	293		
County	:	CAMDEN	Total State Amount	\$ 4,852,482

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.03009
TOTAL POINTS	50.03009

Project Name, Number

WINSLOW TOWNSHIP (W. ATCO)
340895-05
COLLECTION SYSTEM

Priority List Rank

293

County

CAMDEN

Existing Population

30,090

Service Area

Winslow Township

Need for Project

The West Atco area is comprised of approximately 182 acres and is contained within the Pinelands Regional Growth Area and is designated as a sewer service area in the current CCMUA Wastewater Management Plan. Existing development within this area consists of approximately 200 single family homes on small lots with wells that rely upon individual septic systems. There have been a number of failing septic systems within the West Atco area

Project Description

The proposed project includes construction of a sanitary sewer collection system, a pumping station and a force main.

Anticipated Recipient	:	MONROE MUA		
Project No.	:	340423-03	Eligible Project Cost:	\$ 2,249,480
FY04 Rank	:	295		
County	:	GLOUCESTER	Total State Amount	: \$ 2,249,480

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.02897
TOTAL POINTS	50.02897

Project Name, Number

MONROE MUA
340423-03
SEWER REHABILITATION

Priority List Rank

295

County

GLOUCESTER

Existing Population

28,967

Service Area

Township of Monroe

Need for Project

The MUAs sanitary sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow in the collection system during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system. The project involves replacement of existing pipes with PVC piping.

Anticipated Recipient	:	MONROE TOWNSHIP		
Project No.	:	340423-04	Eligible Project Cost:	\$ 318,067
FY04 Rank	:	296		
County	:	MIDDLESEX	Total State Amount	: \$ 318,067

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02800
TOTAL POINTS	50.02800

Project Name, Number

MONROE TOWNSHIP
340423-04
STORMWATER/NPS MANAGEMENT

Priority List Rank

296

County

MIDDLESEX

Existing Population

27,999

Service Area

Monroe Township

Need for Project

Monroe Township is in need of a street sweeper and vacuum truck. The purchase of this equipment will help the Township reduce the amount of debris that accumulates in the sewer system and, in turn, reduce solids/floatables from entering the waters of the local watershed.

Project Description

The proposed project involves the purchase of one street sweeper and vacuum truck.

Anticipated Recipient : MARLBORO TOWNSHIP

Project No. : 340268-01 Eligible Project Cost: \$ 169,048
FY04 Rank : 297
County : MONMOUTH Total State Amount : \$ 169,048

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.02797
TOTAL POINTS	50.02797

Project Name, Number

Priority List Rank

MARLBORO TOWNSHIP

297

340268-01

STORMWATER/NPS MAINTENANCE EQUIPMENT

County

MONMOUTH

Existing Population

27,974

Service Area

Marlboro Township

Need for Project

The equipment is needed to maintain the stormwater system and detention basins to remove debris.

Project Description

The proposed project includes the purchase of special tractors to cut grass on slopes of detention basins and self-contained vacuum leaf machines.

Anticipated Recipient	:	PEQUANNOCK RIVER BASIN RSA		
Project No.	:	340459-05	Eligible Project Cost:	\$ 604,874
FY04 Rank	:	298		
County	:	MORRIS	Total State Amount	\$ 604,874

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02689
TOTAL POINTS	50.02689

Project Name, Number

PEQUANNOCK RIVER BASIN RSA
340459-05
SEWER REHABILITATION

Priority List Rank

298

County

MORRIS

Existing Population

26,893

Service Area

Borough of Butler, Borough of Bloomington, Borough of Kinnelon, and Borough of Riverdale

Need for Project

The Boonton Avenue Interceptor is aging is subject to blockages and inflow and infiltration.

Project Description

The proposed project includes replacement/rehabilitation of sections of the interceptor.

Anticipated Recipient	:	WEST MILFORD TOWNSHIP MUA		
Project No.	:	340701-08	Eligible Project Cost:	\$ 2,384,181
FY04 Rank	:	299		
County	:	PASSAIC	Total State Amount	: \$ 2,384,181

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02543
TOTAL POINTS	50.02543

Project Name, Number

WEST MILFORD TOWNSHIP MUA
340701-08
SEWER SYSTEM REHABILITATION

Priority List Rank

299

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.

Anticipated Recipient	:	BERGEN COUNTY UA (TRIBORO)		
Project No.	:	340769-02	Eligible Project Cost:	\$ 1,584,586
FY04 Rank	:	300		
County	:	BERGEN	Total State Amount	\$ 1,584,586

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.02509
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TOTAL POINTS	50.02509
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Project Name, Number

Priority List Rank

BERGEN COUNTY UA (TRIBORO)
340769-02
I/I CORRECTION

300

County

BERGEN

Existing Population

25,090

Service Area

Borough of Carlstadt and portions of Rutherford and East Rutherford

Need for Project

The Bergen County Utilities Authority conducted an Infiltration/Inflow (I/I) analysis and sewer system evaluation survey which concluded that excessive I/I existed in the sewer system. The correction of this I/I will be cost-effective and result in the improved operation of a 13.8 MGD pump station used for the conveyance of sewage from the Joint Meeting STP to the Bergen County Utilities Authority system. Water Quality violations are currently experienced for dissolved oxygen, fecal coliform, and toxics standards due to the raw discharges of the existing Triboro Joint Meeting Treatment plant into the Hacken-sack River (SE-2).

Project Description

The project will consist of rehabilitation work to remove a portion of the excessive I/I. The rehabilitation project may include repair and/or grouting of sewers and joints, sealing manholes, repair/replacement of defective manhole covers and other standard rehabilitation measures. This project will also eliminate sewerage system overflows.

Anticipated Recipient	:	OCEAN TOWNSHIP		
Project No.	:	340750-04	Eligible Project Cost:	\$ 1,198,294
FY04 Rank	:	301		
County	:	MONMOUTH	Total State Amount	: \$ 1,198,294

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02506
TOTAL POINTS	50.02506

Project Name, Number

OCEAN TOWNSHIP
340750-04
STORMWATER MANAGEMENT

Priority List Rank

301

County

MONMOUTH

Existing Population

25,058

Service Area

Township of Ocean

Need for Project

The project is needed to reduce the amount of floatables and other debris from entering the storm sewers and to reduce soil erosion and sedimentation in Harvey Brook which discharges to Deal Lake.

Project Description

The proposed project includes the purchase of a four-wheel street sweeper and streambank stabilization along Harvey Brook.

Anticipated Recipient : RIDGEWOOD VILLAGE

Project No.	: 340639-07	Eligible Project Cost:	\$ 6,046,088
FY04 Rank	: 302		
County	: BERGEN	Total State Amount :	\$ 6,046,088

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.02486
TOTAL POINTS	50.02486

Project Name, Number

Priority List Rank

RIDGEWOOD VILLAGE
340639-07
I/I CORRECTION

302

County

BERGEN

Existing Population

24,860

Service Area

Village of Ridgewood

Need for Project

An Infiltration/Inflow (I/I) analysis has concluded that excessive I/I exists within the village's sewer system. Additional studies are underway to further define the quantity of excessive I/I and to propose an I/I correction program to eliminate a portion of the excessive I/I.

Project Description

This proposed project will be for the replacement of sections of sanitary sewer pipe, grouting of sewer lines, grouting and sealing leaking manholes, and repair or adjustments of defective manholes.

Anticipated Recipient : CRANFORD TOWNSHIP

Project No. : 340858-01 Eligible Project Cost: \$ 629,918

FY04 Rank : 303

County : UNION Total State Amount : \$ 629,918

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.02408

TOTAL POINTS 50.02408

Project Name, Number

CRANFORD TOWNSHIP

340858-01

I/I CORRECTION

County

UNION

Priority List Rank

303

Existing Population

24,080

Service Area

Township of Cranford

Need for Project

To eliminate excessive infiltration in approximately 4,950' of 8" gravity sanitary sewer serving the Township. The Township's system is serviced by the Rahway Valley Regional Sewerage Authority.

Project Description

The project will consist of I/I correction for 4,950' of gravity sanitary sewer (cleaning, lining joint repair).

Anticipated Recipient	:	MAPLEWOOD TOWNSHIP		
Project No.	:	340283-02	Eligible Project Cost:	\$ 5,479,091
FY04 Rank	:	304		
County	:	ESSEX	Total State Amount	\$ 5,479,091

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02387
TOTAL POINTS	50.02387

Project Name, Number

MAPLEWOOD TOWNSHIP
340283-02
STORMWATER MANAGEMENT

Priority List Rank

304

County

ESSEX

Existing Population

23,868

Service Area

Maplewood Township

Need for Project

The Township needs to reduce flooding and reduce solids transportation. The project would reduce the sediment load to prevent creation of sediment islands and minimize the scour effect on stream banks.

Project Description

The proposed project will address the degradation of the water quality in East Branch of the Rahway River by stabilizing its banks and restoring the bed to its original configuration.

Anticipated Recipient	:	MADISON-CHATHAM JOINT MEETING		
Project No.	:	340715-03	Eligible Project Cost:	\$ 782,388
FY04 Rank	:	305		
County	:	MORRIS	Total State Amount	: \$ 782,388

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02377
TOTAL POINTS	50.02377

Project Name, Number

Priority List Rank

MADISON-CHATHAM JOINT MEETING

305

340715-03

I/I CORRECTION

County

MORRIS

Existing Population

23,770

Service Area

Borough of Chatham, Borough of Madison

Need for Project

An Infiltration/Inflow (I/I) analysis has been completed which documents the existence of excessive I/I within the service area. Additional studies are under way to further define the quantity of excessive I/I and to propose an I/I correction program to mitigate hydraulic overloading of the plant during severe storms.

Project Description

This proposed project will consist of an I/I correction program to remove a portion of the excessive I/I. This will include replacement of sections of sanitary sewer pipe, grouting of sewer lines, grouting and sealing leaking manholes and repair of and adjustments to defective manholes.

Anticipated Recipient : CRANFORD TOWNSHIP

Project No. : 340858-02 Eligible Project Cost : \$ 2,062,552

FY04 Rank : 306

County : UNION Total State Amount : \$ 2,062,552

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.02258

TOTAL POINTS 50.02258

Project Name, Number

Priority List Rank

CRANFORD TOWNSHIP

306

340858-02

STORMWATER MANAGEMENT

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 project will improve water quality by reducing sediments from upstream runoff using vegetated low flow channels and erosion controls, by reducing floatables through an upstream bar rack and new gratings on inlets, and by reducing sanitary sewer backups and overflows caused by street flooding inflow.

Project Description

The proposed project includes construction of two storm sewers and a 4'x6' express sewer. The Township will also construct a vegetated swale to capture and divert upland surface runoff into the express sewer.

Anticipated Recipient	:	SOUTH BRUNSWICK TOWNSHIP		
Project No.	:	340866-01	Eligible Project Cost:	\$ 374,327
FY04 Rank	:	307		
County	:	MIDDLESEX	Total State Amount	\$ 374,327

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02236
TOTAL POINTS	50.02236

Project Name, Number

Priority List Rank

SOUTH BRUNSWICK TOWNSHIP
340866-01
I/I CORRECTION

307

County

MIDDLESEX

Existing Population

22,360

Service Area

South Brunswick Township (Kendall Park)

Need for Project

The Township has had an ongoing I/I program since 1990. Sewer lines have been televised and problem areas recorded. Small problems have been corrected, but, certain areas require lining or replacement of existing lines.

Project Description

The project involves the lining or replacement of existing sewer lines on an "as needed" basis to reduce I/I in the system.

Anticipated Recipient	:	LONG HILL TOWNSHIP		
Project No.	:	340404-06	Eligible Project Cost:	\$ 2,317,315
FY04 Rank	:	308		
County	:	MORRIS	Total State Amount	\$ 2,317,315

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02180
TOTAL POINTS	50.02180

Project Name, Number

LONG HILL TOWNSHIP
340404-06
SEWER REHABILITATION

Priority List Rank

308

County

MORRIS

Existing Population

21,796

Service Area

Township of Long Hill

Need for Project

The Township's sanitary sewer system is subject inflow and infiltration causing sewage to overflow in the collection system and at the treatment plant increasing loadings to the Passaic River during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system and sewage treatment plant. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the sewer system. The Township also proposes to install phosphorous removal equipment at the treatment plant.

Anticipated Recipient	:	HAZLET TOWNSHIP		
Project No.	:	340968-01	Eligible Project Cost:	\$ 916,350
FY04 Rank	:	309		
County	:	MONMOUTH	Total State Amount	\$ 916,350

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02138
TOTAL POINTS	50.02138

Project Name, Number

HAZLET TOWNSHIP

340968-01

I/I CORRECTION

County

MONMOUTH

Priority List Rank

309

Existing Population

21,378

Service Area

Hazlet Township

Need for Project

The Township's sanitary sewer system is subject to inflow and infiltration causing sewage to back up in the collection system. A 30 year old pump station must be replaced.

Project Description

The proposed project includes an infiltration/inflow correction program and replacement of a pump station.

Anticipated Recipient	:	EDGEWATER BOROUGH		
Project No.	:	340443-05	Eligible Project Cost:	\$ 3,091,877
FY04 Rank	:	309		
County	:	BERGEN	Total State Amount	\$ 3,091,877

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02138
TOTAL POINTS	50.02138

Project Name, Number

EDGEWATER BOROUGH
340443-05
I/I CORRECTION

Priority List Rank

309

County

BERGEN

Existing Population

21,380

Service Area

Edgewater, Cliffside Park (portion), Fort Lee (portion)

Need for Project

To eliminate the excessive infiltration and inflow to extend the useful life of the sewer.

Project Description

There are approximately 25 miles of existing sewers in the Borough. The Edgewater STP presently has an influent rate of 3.3 mgd, of which 0.37 mgd has been identified as possibly being excessive. The sewer system evaluation survey program is currently in the process of identifying and verifying those areas which are susceptible to the excessive I/I. I/I correction as determined to be cost effective will follow.

Anticipated Recipient	:	HAZLET TOWNSHIP		
Project No.	:	340968-02	Eligible Project Cost:	\$ 416,419
FY04 Rank	:	309		
County	:	MONMOUTH	Total State Amount	\$ 416,419

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02138
TOTAL POINTS	50.02138

Project Name, Number

Priority List Rank

HAZLET TOWNSHIP

309

340968-02

STORMWATER/NPS MANAGEMENT

County

MONMOUTH

Existing Population

21,378

Service Area

Hazlet Township

Need for Project

The Township lacks a stormwater drainage system, which results in frequent flooding and other concerns.

Project Description

The proposed project includes the installation and replacement of inlets and storm pipes in problem areas of the Township. Also included is the construction of a salt dome for stormwater/nps management.

Anticipated Recipient	:	HAZLET TOWNSHIP		
Project No.	:	340968-03	Eligible Project Cost:	\$ 140,163
FY04 Rank	:	309		
County	:	MONMOUTH	Total State Amount	\$ 140,163

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.02138
TOTAL POINTS	50.02138

Project Name, Number

HAZLET TOWNSHIP
340968-03
STORMWATER MANAGEMENT

Priority List Rank

309

County

MONMOUTH

Existing Population

21,378

Service Area

Hazlet Township

Need for Project

The Township needs a jet-vac so that clogged storm sewers can be cleared to prevent standing stormwater that can contribute to non-point source pollution of the Township waterways.

Project Description

The proposed project is for the purchase of a jet-vac for cleaning storm sewers.

Anticipated Recipient	:	HILLSIDE TOWNSHIP		
Project No.	:	340906-03	Eligible Project Cost:	\$ 1,110,388
FY04 Rank	:	313		
County	:	UNION	Total State Amount	\$ 1,110,388

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.02137
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TOTAL POINTS	50.02137
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Project Name, Number

Priority List Rank

HILLSIDE TOWNSHIP

313

340906-03

I/I CORRECTION & SEWER PUMP

County

UNION

Existing Population

21,370

Service Area

Township of Hillside

Need for Project

The existing collection system serving the Township is very old, and is subject to an extreme amount of I/I. Rehabilitation of the entire sanitary sewer system is necessary to remove 650,000 gpd of I/I to prevent overflows from the existing collection system and back-ups into residential and industrial establishments.

Project Description

This proposed project will be for an I/I correction program to eliminate the portion of I/I that is excessive and detrimental to the existing collection system. In some cases minor replacement may be necessary. Also proposed is the major rehabilitation of an existing sewage pumping station.

NEW JERSEY STATE LIBRARY

Anticipated Recipient	:	MOUNT OLIVE TOWNSHIP		
Project No.	:	340537-05	Eligible Project Cost:	\$ 1,266,579
FY04 Rank	:	314		
County	:	MORRIS	Total State Amount	\$ 1,266,579

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02128
TOTAL POINTS	50.02128

Project Name, Number

MOUNT OLIVE TOWNSHIP
340537-05
STORMWATER MANAGEMENT

Priority List Rank

314

County

MORRIS

Existing Population

21,282

Service Area

Township of Mount Olive

Need for Project

The stormwater runoff from the Country Club Estates development is conveyed to the floodplain of the South Branch of the Raritan River and Budd Lake via overland flow. No drainage system currently exists.

Project Description

The proposed project involves the construction of a storm drainage system, including storm pipes, inlets and headwalls.

Anticipated Recipient	:	ROSELLE BOROUGH		
Project No.	:	340314-01	Eligible Project Cost:	\$ 1,592,589
FY04 Rank	:	315		
County	:	UNION	Total State Amount	\$ 1,592,589

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02127
TOTAL POINTS	50.02127

Project Name, Number

ROSELLE BOROUGH

340314-01

I/I CORRECTION

County

UNION

Existing Population

21,274

Service Area

Borough of Roselle

Need for Project

The Infiltration/Inflow (I/I) analysis of the collection system indicates that the city sewerage system has excessive I/I.

Project Description

The proposed project will be for an Infiltration/Inflow correction program to eliminate excessive I/I from the sewerage system.

Priority List Rank

315

Anticipated Recipient	:	RANDOLPH TOWNSHIP		
Project No.	:	340632-07	Eligible Project Cost:	\$ 8,842,391
FY04 Rank	:	316		
County	:	MORRIS	Total State Amount	\$ 8,842,391

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01997
TOTAL POINTS	50.01997

Project Name, Number

Priority List Rank

RANDOLPH TOWNSHIP

316

340632-07

INTERCEPTOR, REHABILITATION

County

MORRIS

Existing Population

19,974

Service Area

Township of Randolph

Need for Project

Several areas of the Township are currently served by on-site septic systems. These systems are old and in need of replacement due to soil conditions and development.

Project Description

The proposed project involves construction of the Mount Freedom Collection System with pump station and force main, as well as the upgrade of the Butterworth Interceptor.

Anticipated Recipient	:	CARTERET BOROUGH		
Project No.	:	340939-01	Eligible Project Cost:	\$ 7,111,175
FY04 Rank	:	317		
County	:	MIDDLESEX	Total State Amount	: \$ 7,111,175

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01927
TOTAL POINTS	50.01927

Project Name, Number

CARTERET BOROUGH
340939-01
I/I CORRECTION

Priority List Rank

317

County

MIDDLESEX

Existing Population

19,270

Service Area

Borough of Carteret

Need for Project

Having an old sewer system, the rate of infiltration/inflow (I/I) during storm events in Carteret is very high. Carteret's main pumping station receives flow far greater than its pumping capacity at such times. This project will relieve the load on the pumping station and ultimately on the Middlesex County Utilities Authority treatment plant.

In general, the structural integrity of the existing 5 pumping stations, sewer lines and manholes is in question. They need to be replaced, upgraded and/or rehabilitated. At some locations sewer lines need to be upsized to eliminate hydraulic overloading and overflows from manholes during peak flows.

Project Description

The proposed project includes an I/I correction program consisting of grouting, lining, and repairing/replacing structurally damaged pipes and manholes. In addition, 5 pumping stations will be upgraded and an interceptor may be increased in size.

Anticipated Recipient	:	MOORESTOWN TOWNSHIP		
Project No.	:	340912-02	Eligible Project Cost:	\$ 862,491
FY04 Rank	:	318		
County	:	BURLINGTON	Total State Amount	\$ 862,491

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01902
TOTAL POINTS	50.01902

Project Name, Number

MOORESTOWN TOWNSHIP
340912-02
SEWER REHABILITATION

Priority List Rank

318

County

BURLINGTON

Existing Population

19,017

Service Area

Township of Moorestown

Need for Project

The Township's sewer main is corroded and discharges sewage to the stormwater sytem.

Project Description

The proposed project includes replacement of the asbestos cement pipe with PVC pipe.

Anticipated Recipient	:	BRIDGETON CITY		
Project No.	:	340829-01	Eligible Project Cost:	\$ 1,362,805
FY04 Rank	:	319		
County	:	CUMBERLAND	Total State Amount	\$ 1,362,805

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01876
TOTAL POINTS	50.01876

Project Name, Number

BRIDGETON CITY
340829-01
I/I CORRECTION

Priority List Rank

319

County

CUMBERLAND

Existing Population

18,760

Service Area

City of Bridgeton

Need for Project

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

Project Description

The proposed project includes the inspection and repair of the existing sanitary sewer system by flushing, inspecting, sealing or replacing leaking or broken pipes, valves and pumps.

Anticipated Recipient	:	EDGEWATER BOROUGH		
Project No.	:	340446-06	Eligible Project Cost:	\$ 2,207,442
FY04 Rank	:	320		
County	:	BERGEN	Total State Amount	\$ 2,207,442

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01850
TOTAL POINTS	50.01850

Project Name, Number

EDGEWATER BOROUGH
340446-06
COLLECTION SYSTEM

Priority List Rank

320

County

BERGEN

Existing Population

18,500

Service Area

A 26 acre tract, containing 113 residences, at the north end of the Borough of Edgewater, east of River Road.

Need for Project

Failures of on-site septic systems have lead to warnings from State and local health officials.

Project Description

The proposed project involves the construction of a new collection system to service the currently unsewered portion of the Borough of Edgewater known as "Edgewater Colony."

Anticipated Recipient	:	ELMWOOD PARK BOROUGH		
Project No.	:	340863-01	Eligible Project Cost:	\$ 1,091,170
FY04 Rank	:	321		
County	:	BERGEN	Total State Amount	\$ 1,091,170

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01800
TOTAL POINTS	50.01800

Project Name, Number

ELMWOOD PARK BOROUGH
340863-01
I/I CORRECTION

Priority List Rank

321

County

BERGEN

Existing Population

18,000

Service Area

Borough of Elmwood Park

Need for Project

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

Project Description

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

Anticipated Recipient	:	DUMONT BOROUGH		
Project No.	:	340922-01	Eligible Project Cost:	\$ 3,625,787
FY04 Rank	:	322		
County	:	BERGEN	Total State Amount	\$ 3,625,787

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.01771
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TOTAL POINTS	50.01771
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Project Name, Number

DUMONT BOROUGH
340922-01
SEWER REHABILITATION

Priority List Rank

322

County

BERGEN

Existing Population

17,710

Service Area

Dumont

Need for Project

The existing Sanitary Sewer System serves the Borough of Dumont and is approximately 65 years old. Treatment of the wastewater collected is provided by the Bergen County Utilities Authority at the Little Ferry Treatment Plant. Field investigations and existing records available at the Department of Public Works of the Borough of Dumont reveal that the condition of the sanitary sewer system is substandard. There are many sections of this mostly clay pipe system that have been troublesome, resulting in frequent blockages and requiring significant efforts and time by the Department of Public Works to clear the lines. These blockages and problems are caused mainly by undersized piping, cracking of pipes, root intrusion, offset joints and inadequate slopes.

The purpose of the program to rehabilitate the Sanitary Sewer System is to correct these problem areas and also to decrease the amount of infiltration into the system.

Project Description

The areas of the system requiring rehabilitation were selected based on the problems incurred as recorded in the Department of Public Works files and past field investigations.

The proposed scope of work will be carried out in four (4) phases over a 4-year period. The first phase will cover the southwest quadrant of the Borough where the system connects up with Bergen County Utilities Authority's System; the second phase will cover the northwest quadrant; the third phase, the southwest quadrant; and the fourth and final phase, the northeast quadrant.

Anticipated Recipient	:	ABERDEEN TOWNSHIP		
Project No.	:	340869-02	Eligible Project Cost:	\$ 2,871,253
FY04 Rank	:	323		
County	:	MONMOUTH	Total State Amount	: \$ 2,871,253

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01745
TOTAL POINTS	50.01745

Project Name, Number

Priority List Rank

ABERDEEN TOWNSHIP
340869-02
COLLECTION SYSTEM

323

County

MONMOUTH

Existing Population

17,454

Service Area

Freneau section of Aberdeen Township

Need for Project

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

Project Description

The proposed project includes construction of a wastewater collection system along with a pump station and force main to connect to an existing interceptor.

Anticipated Recipient	:	STONY BROOK REGIONAL SA		
Project No.	:	340400-03	Eligible Project Cost:	\$ 560,281
FY04 Rank	:	324		
County	:	MERCER	Total State Amount	\$ 560,281

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.01712
TOTAL POINTS	50.01712

Project Name, Number

Priority List Rank

STONY BROOK REGIONAL SA
340400-03
I/I CORRECTION

324

County

MERCER

Existing Population

17,120

Service Area

Township of South Brunswick

Need for Project

The collection system has been studied to identify extraneous infiltration and inflow sources. These sources raise the flow to the Stony Brook STP, but cause no operational or transmission problems other than those associated with a weak influent.

Project Description

This project would provide cost-effective removal of I/I in the South Brunswick collection system. Sections would be repaired, replaced or relined. Also, manholes are to be grouted and manhole covers replaced with gasket covers.

Anticipated Recipient	:	PALISADES PARK BOROUGH		
Project No.	:	340313-01	Eligible Project Cost:	\$ 430,399
FY04 Rank	:	325		
County	:	BERGEN	Total State Amount	: \$ 430,399

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.01707
TOTAL POINTS	50.01707

Project Name, Number

PALISADES PARK BOROUGH
340313-01
SEWER REHABILITATION

Priority List Rank

325

County

BERGEN

Existing Population

17,073

Service Area

Borough of Washington

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 during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the sewer system.

Anticipated Recipient	:	ASBURY PARK CITY		
Project No.	:	340884-01	Eligible Project Cost:	\$ 2,157,878
FY04 Rank	:	326		
County	:	MONMOUTH	Total State Amount	\$ 2,157,878

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01701
TOTAL POINTS	50.01701

Project Name, Number

Priority List Rank

ASBURY PARK CITY
340884-01
I/I CORRECTION

326

County

MONMOUTH

Existing Population

17,010

Service Area

Asbury Park City

Need for Project

The existing collection system consists of vitrified clay pipes with leaky joints. A large portion of the piping may be cracked, leading to infiltration.

Project Description

The project consists of replacement of a major portion of the collection system.

Anticipated Recipient	:	WEST WINDSOR TOWNSHIP		
Project No.	:	340491-02	Eligible Project Cost:	\$ 570,013
FY04 Rank	:	327		
County	:	MERCER	Total State Amount	\$ 570,013

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.01602
TOTAL POINTS	50.01602

Project Name, Number

Priority List Rank

WEST WINDSOR TOWNSHIP
340491-02
COLLECTION SYSTEM

327

County

MERCER

Existing Population

16,021

Service Area

West Windsor 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.

Anticipated Recipient	:	SECAUCUS TOWN		
Project No.	:	340029-02	Eligible Project Cost:	\$ 9,137,611
FY04 Rank	:	328		
County	:	HUDSON	Total State Amount	\$ 9,137,611

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01593
TOTAL POINTS	50.01593

Project Name, Number

SECAUCUS TOWN

340029-02

STORMWATER MANAGEMENT

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 upgrade of an existing storm water pump station, reconstruction of the outfall, and construction of a new stormwater pump station and outfall.

Priority List Rank

328

Anticipated Recipient	:	READINGTON TOWNSHIP		
Project No.	:	340577-07	Eligible Project Cost:	\$ 226,059
FY04 Rank	:	329		
County	:	HUNTERDON	Total State Amount	\$ 226,059

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01580
TOTAL POINTS	50.01580

Project Name, Number

Priority List Rank

READINGTON TOWNSHIP
340577-07
I/I CORRECTION

329

County

HUNTERDON

Existing Population

15,803

Service Area

Township of Readington

Need for Project

The Township'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 during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system and sewage treatment plant. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the sewer system.

Anticipated Recipient : GLASSBORO BOROUGH

Project No. : 340545-04 Eligible Project Cost: \$ 3,968,099

FY04 Rank : 330

County : GLOUCESTER Total State Amount : \$ 3,968,099

I. APPROVED WATERSHED PLAN

Possible Points Points Scored

200 0

II. PROJECT DISCHARGE TYPE

Possible Points Points Scored

CSO Abatement 250 0

I/I Correction-Overflow 250 0

Treatment Plant Improvements 150 0

Sludge Disposal/Treatment 100 0

Corrective Systems 50 50

I/I Correction 50 0

Stormwater/NPS Management 50-100 0

Subtotal 50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use Possible Points Points Scored

Potable Water Supply 200 0

Shellfish 125 0

Recreation(Primary Contact) 125 0

Freshwater Fisheries(Trout/NonTrout) 75/25 0

Public Nuisance(On Site Systems Only) 50 0

Agriculture Water Use 25 0

Industrial Water Use 25 0

Subtotal 0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
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Dissolved Oxygen	0	50	100	0
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Fecal Coliform	0	50	100	0
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Nutrients	0	25	50	0
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Toxics	0	25	50	0
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Subtotal 0

State Planning Commission 0.00000

Population 0.01561

TOTAL POINTS 50.01561

Project Name, Number

Priority List Rank

GLASSBORO BOROUGH
340545-04
COLLECTION SYSTEM

330

County

GLOUCESTER

Existing Population

15,614

Service Area

Borough of Glassboro

Need for Project

The project is needed to extend sanitary sewer into the last portion of the Borough that is not currently serviced. The sixty-plus homes not serviced have antiquated disposal systems several decades old. Residents are experiencing problems due to insufficient soils and high ground water.

Project Description

The proposed project involves extension of the 15" interceptor along with construction of a gravity collection system.

Anticipated Recipient	:	OCEAN CITY		
Project No.	:	340730-01	Eligible Project Cost:	\$ 57,540
FY04 Rank	:	331		
County	:	CAPE MAY	Total State Amount	\$ 57,540

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01549
TOTAL POINTS	50.01549

Project Name, Number

Priority List Rank

OCEAN CITY

331

340730-01

I/I CORRECTION

County

CAPE MAY

Existing Population

15,490

Service Area

Ocean City

Need for Project

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

Project Description

The rehabilitation of Ocean City's sanitary sewer system includes the sealing, repair, or replacement of defective pipes, manholes and lateral connections.

Anticipated Recipient	:	FRANKLIN TOWNSHIP (GLOUCESTER CO.)		
Project No.	:	340839-03	Eligible Project Cost:	\$ 1,645,877
FY04 Rank	:	332		
County	:	GLOUCESTER	Total State Amount	: \$ 1,645,877

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01547
TOTAL POINTS	50.01547

Project Name, Number

Priority List Rank

FRANKLIN TOWNSHIP (GLOUCESTER CO.)
340839-03
COLLECTION SYSTEM

332

County

GLOUCESTER

Existing Population

15,466

Service Area

Township of Franklin

Need for Project

The proposed project will replace existing on-site sewage disposal systems, some of which reportedly are failing, or do not meet current standards.

Project Description

The proposed project includes installation of a new collection system.

Anticipated Recipient	:	WARREN CO LOPAT SA		
Project No.	:	340580-04	Eligible Project Cost:	\$ 2,463,225
FY04 Rank	:	333		
County	:	WARREN	Total State Amount	: \$ 2,463,225

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01542
TOTAL POINTS	50.01542

Project Name, Number

WARREN CO LOPAT SA
340580-04
I/I CORRECTION

Priority List Rank

333

County

WARREN

Existing Population

15,420

Service Area

The Warren County-Lopatcong Creek Sewerage Authority is retaining a spot on the Priority List for rehabilitation of the local collection systems within their 201 Facilities Planning Area. The planning area lies in the Delaware Watershed and includes Alpha Borough and Lopatcong, Pohatcong, Harmony and Greenwich Townships.

Need for Project

Sanitary collection systems currently serve Alpha, Lopatcong, and Pohatcong. The existing Phillipsburg plant (NJ0024716) presently treats domestic and industrial waste from the above municipalities. Constructed in 1950 - 1951 with a design capacity of 3.5 MGD, the plant provides secondary treatment by means of an activated sludge process. Present flows average slightly over 2.1 MGD, but peak conditions can result in flows over 6.0 MGD which lead to a by-pass of the plant and direct discharge of untreated effluent into the Lopatcong Creek, FW2-TM (tributary to Delaware River). There also are known cross connection between the storm and sanitary sewerage systems. These raw discharges result in frequent violations of fecal coliform standards, and marginal degradation from nutrient and toxic impacts. An I/I analysis included in the facilities plan concluded infiltration to be non-excessive, but recommended a Sewer System Evaluation Survey (SSES @ \$26,000) to study the removal of excessive inflow and the elimination of the system by-passes.

Project Description

The proposed SSES will refine the conclusions of the I/I analysis and make recommendations for I/I correction. The project will allow for the construction and implementation of the cost effective rehabilitation measures. This will result in the abatement of the raw sewage by-pass problem presently experienced both in the collection systems and at the plant.

Anticipated Recipient	:	BERNARDS TOWNSHIP SA		
Project No.	:	340382-03	Eligible Project Cost:	\$ 482,182
FY04 Rank	:	334		
County	:	SOMERSET	Total State Amount	: \$ 482,182

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01530
TOTAL POINTS	50.01530

Project Name, Number

BERNARDS TOWNSHIP SA
340382-03
I/I CORRECTION

Priority List Rank

334

County

SOMERSET

Existing Population

15,300

Service Area

Bernards Township

Need for Project

There is excessive infiltration/inflow in the existing collection system which can be cost-effectively removed by I/I correction. However, the operation of the treatment plant will not be affected by the excessive I/I.

Project Description

The proposed project involves I/I correction of the existing sewer system through a cleaning, TVing, air testing, and grouting program. To correct the inflow problems, the project will also include manhole cover replacement and will address illegal connections.

Anticipated Recipient	:	SPARTA TOWNSHIP		
Project No.	:	340495-04	Eligible Project Cost:	\$ 2,821,542
FY04 Rank	:	335		
County	:	SUSSEX	Total State Amount	: \$ 2,821,542

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01516
TOTAL POINTS	50.01516

Project Name, Number

Priority List Rank

SPARTA TOWNSHIP

335

340495-04

COLLECTION SYSTEM

County

SUSSEX

Existing Population

15,157

Service Area

Township of Sparta

Need for Project

The Township has identified the need for sewer collection system in the designated Town Center.

Project Description

The proposed project includes the construction of a collection and conveyance system consisting of 13,300 l.f. of gravity line plus appurtenances and two pumping stations.

Anticipated Recipient	:	CINNAMINSON SA		
Project No.	:	340170-02	Eligible Project Cost:	\$ 2,718,518
FY04 Rank	:	336		
County	:	BURLINGTON	Total State Amount	: \$ 2,718,518

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01460
TOTAL POINTS	50.01460

Project Name, Number

Priority List Rank

CINNAMINSON SA

336

340170-02

SEWER REHABILITATION

County

BURLINGTON

Existing Population

14,595

Service Area

Township of Cinnaminson

Need for Project

The existing forty-year old asbestos cement force main has failed in places creating a discharge of untreated sewage to ground water. The force main must be lined or replaced to prevent future discharges.

Project Description

The project consists of lining or replacement of 12,000 feet of fourteen inch asbestos cement sanitary sewer force main. The method of rehabilitation will be determined on a segment by segment basis.

Anticipated Recipient	:	PLEASANTVILLE CITY			
Project No.	:	340752-01	Eligible Project Cost:	\$	220,365
FY04 Rank	:	337			
County	:	ATLANTIC	Total State Amount	:	\$ 220,365

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>			
Water Use	Possible Points	Points Scored	
Potable Water Supply	200	0	
Shellfish	125	0	
Recreation(Primary Contact)	125	0	
Freshwater Fisheries(Trout/NonTrout)	75/25	0	
Public Nuisance(On Site Systems Only)	50	0	
Agriculture Water Use	25	0	
Industrial Water Use	25	0	
	Subtotal	0	

B. Existing Water Quality			Subtotal	0
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01437
TOTAL POINTS	50.01437

Project Name, Number

Priority List Rank

PLEASANTVILLE CITY

337

340752-01

I/I CORRECTION

County

ATLANTIC

Existing Population

14,370

Service Area

The service area includes the City of Pleasantville. This is a bayfront community located approximately ten miles west of the Atlantic County coastal wastewater treatment plant.

Need for Project

The wastewater collection system of Pleasantville was originally constructed in 1945, with new extensions added periodically. It consists of 294,684 linear feet of terra cotta, vitrified clay and cast iron pipe. The SSES investigation determined that the system was experiencing an average of 339,120 gpd of infiltration from a total of 37,585 linear feet of pipe.

Project Description

This project entails I/I correction of the sewer system of Pleasantville City.

Anticipated Recipient	:	VERONA BOROUGH		
Project No.	:	340533-04	Eligible Project Cost:	\$ 1,465,130
FY04 Rank	:	338		
County	:	ESSEX	Total State Amount	\$ 1,465,130

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01415
TOTAL POINTS	50.01415

Project Name, Number

VERONA BOROUGH
340533-04
I/I CORRECTION

Priority List Rank

338

County

ESSEX

Existing Population

14,150

Service Area

Borough of Verona

Need for Project

An Infiltration/Inflow (I/I) analysis has concluded that the Borough's sewer system exhibits excessive I/I. Additional studies are underway to further define the quantity of excessive I/I and to propose a sewer rehabilitation program to mitigate hydraulic overloading of the plant during severe storm events which affects the performance of the treatment plant.

Project Description

This proposed project will consist of I/I correction to remove a portion of the excessive I/I. Construction of an equalization basin for storage of inflow may be necessary depending upon the conclusions of the additional on-going studies.

Anticipated Recipient	:	SPRINGFIELD TOWNSHIP		
Project No.	:	340855-01	Eligible Project Cost:	\$ 1,465,130
FY04 Rank	:	339		
County	:	UNION	Total State Amount	\$ 1,465,130

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01409
TOTAL POINTS	50.01409

Project Name, Number

SPRINGFIELD TOWNSHIP

340855-01

I/I CORRECTION

County

UNION

Priority List Rank

339

Existing Population

14,090

Service Area

Township of Springfield

Need for Project

Recent studies have indicated the presence of excessive Infiltration/Inflow (I/I) within the Township's sewer collection system.

Project Description

Recommended is an I/I correction program consisting of minor rehabilitation measures to remove the excessive Infiltration/Inflow.

Anticipated Recipient	:	HIGHLAND PARK BOROUGH		
Project No.	:	340938-01	Eligible Project Cost:	\$ 4,315,232
FY04 Rank	:	340		
County	:	MIDDLESEX	Total State Amount	: \$ 4,315,232

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01328
TOTAL POINTS	50.01328

Project Name, Number

Priority List Rank

HIGHLAND PARK BOROUGH
340938-01
I/I CORRECTION

340

County

MIDDLESEX

Existing Population

13,279

Service Area

Highland Park

Need for Project

The Borough of Highland Park's gravity sewers suffer from infiltration/inflow due, in part, to faulty joints, cracked or collapsed pipes and leaky manholes. In addition, some of the Borough's sanitary sewers are located in high groundwater areas, further increasing infiltration.

Project Description

The proposed project includes evaluation of the existing sanitary sewer mains through TV inspection. Pipes found to be in good condition shall be cleaned and have the joints grouted. Pipes with minor cracks will be grouted. Deteriorated manholes will be rehabilitated and have watertight covers installed.

Anticipated Recipient	:	HIGHLAND PARK BOROUGH		
Project No.	:	340938-02	Eligible Project Cost:	\$ 479,390
FY04 Rank	:	340		
County	:	MIDDLESEX	Total State Amount	: \$ 479,390

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01328
TOTAL POINTS	50.01328

Project Name, Number

HIGHLAND PARK BOROUGH
340938-02
STORMWATER MANAGEMENT

Priority List Rank

340

County

MIDDLESEX

Existing Population

13,279

Service Area

Highland Park

Need for Project

The Borough plans to inspect and map the storm sewer system to identify sensitive areas affected by the discharge of storm sewer flows and to locate any existing cross connections. This will enable the Borough to respond better to potential future hazardous material spills. In addition, storm sewer system cleaning and rehabilitation will improve water quality and reduce localized flooding.

Project Description

This project proposes to clean, TV inspect, and map the existing storm sewer system. Deteriorated catch basins and manholes will be rehabilitated, broken pipes replaced or repaired and any cross connections eliminated.

Anticipated Recipient	:	CLINTON TWP SEWERAGE AUTHORITY		
Project No.	:	340873-01	Eligible Project Cost:	\$ 535,216
FY04 Rank	:	342		
County	:	HUNTERDON	Total State Amount	\$ 535,216

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01296
TOTAL POINTS	50.01296

Project Name, Number

Priority List Rank

CLINTON TWP SEWERAGE AUTHORITY
340873-01
PUMP STATION REHABILITATION

342

County

HUNTERDON

Existing Population

12,957

Service Area

Clinton Town

Need for Project

Excessive infiltration associated with the Clinton Township Sewerage Authority system results in periodic sewage overflows. A water quality impact to tributaries of the South Branch Raritan River in the Clinton area (Classification FW2-TM) has not been definitely established at this time.

Project Description

Rehabilitation of existing conveyance and pumping facilities is proposed to correct the periodic sewage overflow problem.

Anticipated Recipient	:	CEDAR GROVE TOWNSHIP		
Project No.	:	340717-05	Eligible Project Cost:	\$ 374,327
FY04 Rank	:	343		
County	:	ESSEX	Total State Amount	: \$ 374,327

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.01262
TOTAL POINTS	50.01262

Project Name, Number

Priority List Rank

CEDAR GROVE TOWNSHIP
340717-05
I/I CORRECTION

343

County

ESSEX

Existing Population

12,620

Service Area

Township of Cedar Grove

Need for Project

An Infiltration/Inflow (I/I) analysis has concluded that the Township's sewer system exhibits excessive I/I. Additional studies are underway to further define this excessive I/I and to propose a sewer rehabilitation program.

Project Description

This proposed project will consist of minor rehabilitation work to remove a portion of the excessive I/I. Construction of an equalization basin for storage of inflow may be recommended depending upon the conclusion of the additional on-going studies.

Anticipated Recipient	:	PARSIPPANY-TROY HILLS TWP		
Project No.	:	340766-02	Eligible Project Cost:	\$ 51,639
FY04 Rank	:	344		
County	:	MORRIS	Total State Amount	: \$ 51,639

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01260
TOTAL POINTS	50.01260

Project Name, Number

Priority List Rank

PARSIPPANY-TROY HILLS TWP
340766-02
I/I CORRECTION

344

County

MORRIS

Existing Population

12,600

Service Area

Parsippany-Troy Hills-Study zones C & D

Need for Project

An infiltration/inflow (I/I) analysis has concluded that excessive I/I exists in the sewer system. Additional studies will define this excess quantity and propose an I/I correction program to eliminate a portion of the excessive I/I.

Project Description

This project is for the I/I correction of the Township's sewer system. The project involves grouting of manholes, raising and resetting manhole frames and covers, internal pressure grouting of sewer joints, excavation and removal of 2 storm sewer connections, repair of one service connection, and elimination of sump pumps, roof leaders and yard drains. This I/I correction project does not affect the treatment system.

Anticipated Recipient	:	ROXBURY TWP		
Project No.	:	340381-05	Eligible Project Cost:	\$ 1,344,941
FY04 Rank	:	345		
County	:	MORRIS	Total State Amount	: \$ 1,344,941

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01210
TOTAL POINTS	50.01210

Project Name, Number

Priority List Rank

ROXBURY TWP

345

340381-05

I/I CORRECTION

County

MORRIS

Existing Population

12,100

Service Area

Roxbury Township and portions of Mine Hill, Mount Arlington and Randolph

Need for Project

To eliminate excessive inflow into the sewer system.

Project Description

The Ajax Terrace sewage treatment plant has a sewer configuration 50 miles in length with a dry weather flow of 0.94 mgd. The infiltration has been determined to be nonexcessive. However, excessive inflow does exist since the plant flow records indicated that the wet weather flows were as much as 4 times greater than the dry weather flows. Inflow investigation is presently underway to identify the locations, magnitudes, and causes of this inflow problem. It is expected that a sewer system evaluation survey and I/I correction program will follow.

Anticipated Recipient	:	HACKETTSTOWN MUA		
Project No.	:	340803-03	Eligible Project Cost:	\$ 641,034
FY04 Rank	:	346		
County	:	WARREN	Total State Amount	: \$ 641,034

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.01199
TOTAL POINTS	50.01199

Project Name, Number

Priority List Rank

HACKETTSTOWN MUA

346

340803-03

SEWAGE TREATMENT & DISPOSAL

County

WARREN

Existing Population

11,990

Service Area

Hackettstown Town, Independence Township

Need for Project

Disposing of septage in unlined landfills was prohibited as of March 15, 1985 to prevent degradation of groundwater quality. An alternative disposal method is the utilization of existing treatment facilities. Therefore, the municipalities indicated above have been assigned to the Hackettstown Municipal Utilities Authority treatment plant as designated in Appendix A of the Statewide Septage Management Plan. This project is necessary to ensure that septage disposal for existing and future development is in conformance with said plan.

It should also be noted that the present facilities for handling septage wastes generated within the above service area are inadequate to handle the quantity and quality of wastes proposed to be accepted.

Project Description

A septage management plan has already been approved by the NJDEP. The facility plan recommends the construction of additional septage handling facilities at the HMUA wastewater treatment plant. The proposed facilities consist of a receiving station, receiving chamber, holding tank, pumping station, piping, valves and miscellaneous equipment to provide the capability of diverting septage at a controlled rate to the primary digester or the division box upstream of the primary clarifier.

Anticipated Recipient	:	HASBROUCK HEIGHTS BOROUGH		
Project No.	:	340329-01	Eligible Project Cost:	\$ 14,226,449
FY04 Rank	:	347		
County	:	BERGEN	Total State Amount	: \$ 14,226,449

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation (Primary Contact)	125	0
Freshwater Fisheries (Trout/NonTrout)	75/25	0
Public Nuisance (On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.01166
TOTAL POINTS	50.01166

Project Name, Number

Priority List Rank

HASBROUCK HEIGHTS BOROUGH
340329-01
SEWER REHABILITATION

347

County

BERGEN

Existing Population

11,662

Service Area

Borough of Hasbrouck Heights

Need for Project

The existing sanitary sewer system is aging and has deteriorated in some areas and collapsed in other areas. A new siphon line is needed to stop sanitary overflows during rain storms.

Project Description

The proposed project includes consists of the repair, replacement, or relining of several sections of the Borough's sewer system. The Borough also proposes to install a new siphon line and chamber.

Anticipated Recipient	:	HASBROUCK HEIGHTS BOROUGH		
Project No.	:	340329-02	Eligible Project Cost:	\$ 6,614,815
FY04 Rank	:	347		
County	:	BERGEN	Total State Amount	\$ 6,614,815

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.01166
TOTAL POINTS	50.01166

Project Name, Number

Priority List Rank

HASBROUCK HEIGHTS BOROUGH
340329-02
STORMWATER MANAGEMENT

347

County

BERGEN

Existing Population

11,662

Service Area

Borough of Hasbrouck Heights

Need for Project

The storm sewer system in the Borough does not function properly because of problems with the riser ditch resulting in flooding. Flooding also results in more grease/oil, pesticides, fertilizers, etc. being introduced into the storm system and discharging into local waters.

Project Description

The proposed project includes improvements to existing detention and retention facilities, improvements to existing stormwater drainage piping systems, and construction of new stormwater pump station.

Anticipated Recipient	:	HOLMDEL TOWNSHIP		
Project No.	:	340919-02	Eligible Project Cost:	\$ 40,665,789
FY04 Rank	:	349		
County	:	MONMOUTH	Total State Amount	: \$ 40,665,789

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01153
TOTAL POINTS	50.01153

Project Name, Number

Priority List Rank

HOLMDEL TOWNSHIP

349

340919-02

COLLECTION SYSTEM, INTERCEPTOR

County

MONMOUTH

Existing Population

11,532

Service Area

Holmdel Township

Need for Project

The Township has identified several unsewered areas which are in need of a sanitary sewer system.

Project Description

The proposed project involves the construction of a collection and conveyance system to serve Wychwood, Heather Hills, Blue Hills, Sweetbriar, Wild Hedge, Grandview, Deercrest, Stillwell Drive, Country Farms, and a portion of Country Woods on VanSchioc. Also included is the Route 520 Trunkline System and associated road restoration activities.

Anticipated Recipient	:	SOMERS POINT CITY		
Project No.	:	340618-01	Eligible Project Cost:	\$ 113,605
FY04 Rank	:	350		
County	:	ATLANTIC	Total State Amount	: \$ 113,605

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01122
TOTAL POINTS	50.01122

Project Name, Number

Priority List Rank

SOMERS POINT CITY

350

340618-01

I/I CORRECTION

County

ATLANTIC

Existing Population

11,220

Service Area

Somers Point City

Need for Project

Based upon existing studies, the sewer system of Somers Point City is subject to excessive infiltration/inflow (I/I).

Project Description

This project includes rehabilitation of the sewer system of Somers Point City to correct I/I problems.

Anticipated Recipient	:	FLORHAM PARK SA		
Project No.	:	340703-05	Eligible Project Cost:	\$ 1,396,910
FY04 Rank	:	351		
County	:	MORRIS	Total State Amount	\$ 1,396,910

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01117
TOTAL POINTS	50.01117

Project Name, Number

Priority List Rank

FLORHAM PARK SA

351

340703-05

I/I CORRECTION

County

MORRIS

Existing Population

11,172

Service Area

Florham Park SA WMP Areas

Need for Project

The FPSA owns and operates a collection system, ranging from 1 to 33 years old and interceptor sewers dating back to 1964. During periods of high groundwater or wet weather, the FPSA STP experiences high flows. Peak flows have exceeded 5 MGD.

Project Description

The proposed project consists of a flow monitoring program leading to an I/I reduction program consisting of repair and/or replacement to eliminate excessive quantities of I/I.

Anticipated Recipient	:	WATERFORD TOWNSHIP MUA		
Project No.	:	340163-01	Eligible Project Cost:	\$ 3,309,186
FY04 Rank	:	352		
County	:	CAMDEN	Total State Amount	\$ 3,309,186

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01094
TOTAL POINTS	50.01094

Project Name, Number

Priority List Rank

WATERFORD TOWNSHIP MUA
340163-01
COLLECTION SYSTEM

352

County

CAMDEN

Existing Population

10,940

Service Area

Waterford Township

Need for Project

The proposed service area is currently using on-site systems. The area is in the Pinelands regional growth area; the Pinelands management plan promotes sewers in the growth area due to higher densities and water quality issues.

Project Description

The proposed project includes installation of sewer mains, force main and one pump station. The proposed force main will connect to an existing sewer main which then pumps into the CCMUA regional system.

Anticipated Recipient	:	WESTWOOD BOROUGH		
Project No.	:	340862-01	Eligible Project Cost:	\$ 971,701
FY04 Rank	:	353		
County	:	BERGEN	Total State Amount	\$ 971,701

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.01092
TOTAL POINTS	50.01092

Project Name, Number

Priority List Rank

WESTWOOD BOROUGH

353

340862-01

I/I CORRECTION

County

BERGEN

Existing Population

10,920

Service Area

Borough of Westwood

Need for Project

The Bergen County Utilities Authority Infiltration Inflow (I/I) Analysis and Sewer System Evaluation Survey identified excessive I/I in this municipality's sewer system.

Project Description

The excessive I/I will be removed by grouting, slip lining, and other minor rehabilitation methods.

Anticipated Recipient	:	LITTLE FALLS MUA		
Project No.	:	340716-04	Eligible Project Cost:	\$ 2,183,362
FY04 Rank	:	354		
County	:	PASSAIC	Total State Amount	: \$ 2,183,362

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01086
TOTAL POINTS	50.01086

Project Name, Number

Priority List Rank

LITTLE FALLS MUA

354

340716-04

I/I CORRECTION

County

PASSAIC

Existing Population

10,855

Service Area

Township of Little Falls

Need for Project

The Little Falls Collection System consists of approximately 120,000 linear feet of pipe in size from six to eighteen inches diameter. Eighty-nine percent of pipe is clay tile, ten percent is asbestos cement, and one percent is cast iron pipe. Interviews with the plant operator indicate that sewers in the western section of Little Falls surcharge and overflow during periods of heavy rain and high Passaic River levels. Overflows also occur at the Hopson Street Pumping Station, which receives sewage flow from the easterly section of Little Falls.

Project Description

This proposed project consists of a sewer system evaluation study utilizing manhole inspection, rainfall simulation, and T.V. inspection and the minor rehabilitation of the Township's existing sewer system to eliminate the portion of the I/I that is excessive.

Anticipated Recipient	:	RIVER EDGE BOROUGH		
Project No.	:	340841-01	Eligible Project Cost:	\$ 458,425
FY04 Rank	:	355		
County	:	BERGEN	Total State Amount	\$ 458,425

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.01064
TOTAL POINTS	50.01064

Project Name, Number

RIVER EDGE BOROUGH
340841-01
I/I CORRECTION

Priority List Rank

355

County

BERGEN

Existing Population

10,640

Service Area

Borough of River Edge

Need for Project

The Bergen County Utilities Authority Infiltration/Inflow (I/I) Analysis and Sewer System Evaluation Survey identified excessive I/I in this municipality's sewer system.

Project Description

The excessive I/I will be removed by grouting, slip lining, and other minor rehabilitation methods.

Anticipated Recipient	:	WANAQUE VALLEY RSA/WANAQUE BOROUGH		
Project No.	:	340780-02	Eligible Project Cost:	\$ 1,567,310
FY04 Rank	:	356		
County	:	PASSAIC	Total State Amount	\$ 1,567,310

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.01058
TOTAL POINTS	50.01058

Project Name, Number

Priority List Rank

WANAQUE VALLEY RSA/WANAQUE BOROUGH
340780-02
I/I CORRECTION

356

County

PASSAIC

Existing Population

10,580

Service Area

Wanaque Borough

Need for Project

An Infiltration/Inflow (I/I) analysis and Sewer System Evaluation Survey (SSES) have been completed which document the existence of excessive I/I within the service area (Haskell and Whistler Place).

Project Description

This proposed project will consist of I/I correction work to remove the excessive I/I in the Haskell and Whistler Place service areas in Wanaque Borough. This work includes replacement or repair of 4000 linear feet of sewers and approximately 150 service laterals.

Anticipated Recipient	:	SAYREVILLE BOROUGH		
Project No.	:	340326-04	Eligible Project Cost:	\$ 244,515
FY04 Rank	:	357		
County	:	MIDDLESEX	Total State Amount	: \$ 244,515

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01050
TOTAL POINTS	50.01050

Project Name, Number

Priority List Rank

SAYREVILLE BOROUGH
340326-04
I/I CORRECTION

357

County

MIDDLESEX

Existing Population

10,500

Service Area

Borough of Sayreville (Morgan and Melrose Sections)

Need for Project

The sewer systems in the Morgan and Melrose sections of Sayreville Borough constructed prior to the use of secondary treatment methods did not set strict limits on the volume of infiltration and inflow within sanitary sewers since treatment costs were not greatly affected by these extraneous flows. However, in recent years, the construction costs of conveyance facilities, coupled with rising treatment costs associated with secondary treatment methods, have resulted in efforts to eliminate infiltration and inflow in areas where it is proven to be cost-effective.

Project Description

The proposed project is to provide I/I correction for Sayreville's existing system.

Anticipated Recipient	:	FAIRVIEW BOROUGH		
Project No.	:	340517-01	Eligible Project Cost:	\$ 1,431,112
FY04 Rank	:	358		
County	:	BERGEN	Total State Amount	\$ 1,431,112

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01034
TOTAL POINTS	50.01034

Project Name, Number

Priority List Rank

FAIRVIEW BOROUGH
340517-01
I/I CORRECTION

358

County

BERGEN

Existing Population

10,340

Service Area

Borough of Fairview

Need for Project

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

Project Description

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

Anticipated Recipient	:	LITTLE FERRY BOROUGH		
Project No.	:	340425-01	Eligible Project Cost:	\$ 4,915,537
FY04 Rank	:	359		
County	:	BERGEN	Total State Amount	\$ 4,915,537

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00970
TOTAL POINTS	50.00970

Project Name, Number

LITTLE FERRY BOROUGH
340425-01
SEWER REHABILITATION

Priority List Rank

359

County

BERGEN

Existing Population

9,700

Service Area

Borough of Little Ferry

Need for Project

The existing sanitary sewer collection system serving the Borough of Little Ferry is very old and is subject to an extreme amount of infiltration/inflow (I/I). Rehabilitation of portions of the sanitary sewer system is necessary to remove the excessive I/I. Also, rehabilitation of the Main Street pumping station is required.

Project Description

The proposed project includes rehabilitation of the existing Main Street pumping station and replacement of portions of the existing sanitary sewer collection system which are the source of the extraneous flow.

Anticipated Recipient	:	MATAWAN BOROUGH		
Project No.	:	340967-01	Eligible Project Cost:	\$ 708,917
FY04 Rank	:	360		
County	:	MONMOUTH	Total State Amount	\$ 708,917

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00927
TOTAL POINTS	50.00927

Project Name, Number

MATAWAN BOROUGH

340967-01

I/I CORRECTION

County

MONMOUTH

Priority List Rank

360

Existing Population

9,270

Service Area

Matawan

Need for Project

To reduce elevated levels of bacteria in stormwater discharges to coastal waters.

Project Description

To eliminate cross-connections between sanitary and storm sewers by replacing portions of sewers, sealing manholes, and sealing leaks. To eliminate interconnections due to leaks, flows, or overflows from the sanitary sewer system.

Anticipated Recipient	:	AUDUBON BOROUGH		
Project No.	:	340309-01	Eligible Project Cost:	\$ 1,094,976
FY04 Rank	:	361		
County	:	CAMDEN	Total State Amount	\$ 1,094,976

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00921
TOTAL POINTS	50.00921

Project Name, Number

Priority List Rank

AUDUBON BOROUGH

361

340309-01

INFILTRATION/INFLOW

County

CAMDEN

Existing Population

9,205

Service Area

Audubon Borough

Need for Project

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

Project Description

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

Anticipated Recipient : MATAWAN BOROUGH

Project No. : 340967-02 Eligible Project Cost: \$ 4,404,418

FY04 Rank : 362

County : MONMOUTH Total State Amount : \$ 4,404,418

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.00891

TOTAL POINTS 50.00891

Project Name, Number

Priority List Rank

MATAWAN BOROUGH

362

340967-02

STORMWATER MANAGEMENT

County

MONMOUTH

Existing Population

8,910

Service Area

Borough of Matawan

Need for Project

The Borough's Lake Lefferts has accumulated sediment, its banks are significantly eroded and its storage capacity has decreased. The spillway of the Dam is inoperable and inadequate in keeping solids/floatables out of the lake.

Project Description

The proposed project includes several measures to reduce erosion and control solids/floatables. Also included are measures to restore the Lake to its original storage capacity.

Anticipated Recipient	:	MATAWAN BOROUGH		
Project No.	:	340967-03	Eligible Project Cost:	\$ 289,789
FY04 Rank	:	362		
County	:	MONMOUTH	Total State Amount	\$ 289,789

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00891
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TOTAL POINTS	50.00891
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Project Name, Number

Priority List Rank

MATAWAN BOROUGH

362

340967-03

STORMWATER / NPS MANAGEMENT

County

MONMOUTH

Existing Population

8,910

Service Area

Borough of Matawan

Need for Project

The Borough of Matawan is located in a relatively low lying area surrounding Lake Lefferts and Matawan Lake. Periodically, the Borough's storm sewers collect debris and contaminants which eventually pass through the storm sewer system and into the lakes and surrounding waterways. The Borough is concerned with the non-point source pollution problem and believes this problem can be reduced through better maintenance which will be enhanced by the use of "Jet Vac" equipment and certain specific improvements to the existing stormwater facilities.

Project Description

The proposed project involves the purchase of a Jet-Vac Truck to clean debris from the storm sewers and minimize adverse impacts on Lake Lefferts.

Anticipated Recipient	:	HARRISON TOWNSHIP		
Project No.	:	340362-02	Eligible Project Cost:	\$ 2,669,304
FY04 Rank	:	364		
County	:	GLOUCESTER	Total State Amount	: \$ 2,669,304

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00879
TOTAL POINTS	50.00879

Project Name, Number

HARRISON TOWNSHIP
340362-02
PS REHABILITATION

Priority List Rank

364

County

GLOUCESTER

Existing Population

8,788

Service Area

Harrison Township

Need for Project

Harrison Township has thirteen existing pumping stations. Most of these stations are located in the Mullica Hill section. Several are approximately 35 years old and several lack mechanical bypasses or do not have back-up power. The wet wells and several of the stations are in need of cleaning and resurfacing to repair the deteriorating concrete. These pump stations must also be upgraded to comply with OSHA standards. In addition, certain sections of the Township's sewer system is old and in need of repair.

Project Description

The proposed project includes improvements to Pump Stations #1, 2, 4 and 7 to bring them up to current operational standards and the repair and/or replacement of force mains in the project area.

Anticipated Recipient	:	EAST RUTHERFORD BOROUGH		
Project No.	:	340296-02	Eligible Project Cost:	\$ 985,189
FY04 Rank	:	365		
County	:	BERGEN	Total State Amount	: \$ 985,189

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00872
TOTAL POINTS	50.00872

Project Name, Number

Priority List Rank

EAST RUTHERFORD BOROUGH
340296-02
I/I CORRECTION

365

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 purpose of the project is to reduce rainfall-induced surcharging of the collection system and sewage treatment plant. The project involves an infiltration/inflow correction program including removal of stormwater connections and abandonment of an overflow chamber.

Anticipated Recipient	:	BYRAM TOWNSHIP		
Project No.	:	340569-03	Eligible Project Cost:	\$ 218,940
FY04 Rank	:	366		
County	:	SUSSEX	Total State Amount	: \$ 218,940

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00870
TOTAL POINTS	50.00870

Project Name, Number

Priority List Rank

BYRAM TOWNSHIP

366

340569-03

EQUIPMENT (WEED HARVESTER)

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.

Anticipated Recipient	:	RUNNEMEDE SA		
Project No.	:	340363-02	Eligible Project Cost:	\$ 674,326
FY04 Rank	:	367		
County	:	CAMDEN	Total State Amount	: \$ 674,326

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00853
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TOTAL POINTS	50.00853
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Project Name, Number

Priority List Rank

RUNNEMEDE SA

367

340363-02

SEWER REHABILITATION

County

CAMDEN

Existing Population

8,533

Service Area

Borough of Runnemede

Need for Project

Some residents of the Borough are experiencing septic system overflows, which pose health problems.

Project Description

The Borough proposes to construct a sanitary sewer extension along Third Avenue and High Street.

Anticipated Recipient	:	RUNNEMEDE SA		
Project No.	:	340363-03	Eligible Project Cost:	\$ 535,216
FY04 Rank	:	367		
County	:	CAMDEN	Total State Amount	\$ 535,216

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00853
TOTAL POINTS	50.00853

Project Name, Number

Priority List Rank

RUNNEMEDE SA
340363-03
COLLECTION SYSTEM

367

County

CAMDEN

Existing Population

8,533

Service Area

Borough of Runnemede

Need for Project

The Runnemede Sewerage Authority's Pumping Station E is overloaded and needs rebuilding and enlarging. Pump station overflows discharge directly into an adjacent stream.

Project Description

The proposed project includes reconstruction of the pump station and installation of larger pumps, an onsite standby generator, and automatic monitoring equipment.

Anticipated Recipient	:	EDGEWATER PARK TOWNSHIP		
Project No.	:	340166-01	Eligible Project Cost:	\$ 2,049,114
FY04 Rank	:	369		
County	:	BURLINGTON	Total State Amount	: \$ 2,049,114

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.00839
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TOTAL POINTS	50.00839
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Project Name, Number

Priority List Rank

EDGEWATER PARK TOWNSHIP
340166-01
STORMWATER MANAGEMENT

369

County

BURLINGTON

Existing Population

8,388

Service Area

Edgewater Park Township

Need for Project

The existing storm sewer system in the Township has deteriorated pipes, inadequately sized pipes, and an inadequate number of catch basins resulting in flooding. Flooding also results in more grease/oil, pesticides, fertilizers, etc. being introduced into the storm system and discharging into local waters.

Project Description

The proposed project includes improvements to existing detention and retention facilities, improvements to existing stormwater drainage piping systems, and construction of new stormwater drainage piping systems.

Anticipated Recipient	:	BOONTON TOWN		
Project No.	:	340265-01	Eligible Project Cost:	\$ 360,245
FY04 Rank	:	370		
County	:	MORRIS	Total State Amount	: \$ 360,245

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00835
TOTAL POINTS	50.00835

Project Name, Number

Priority List Rank

BOONTON TOWN

370

340265-01

STORMWATER/NPS MANAGEMENT

County

MORRIS

Existing Population

8,347

Service Area

Town of Boonton

Need for Project

The Town's existing storm sewer system is undersized resulting in flooding and the discharge of debris to the Rockaway River.

Project Description

The proposed project is to improve stormwater collection on Wotton, Oak, and Hillside streets. Stormwater from these areas would then be piped to the existing system on Hillside. Improvements would include inlets, subdrains, stormwater piping, curbing, and roadway reconstruction.

Anticipated Recipient :	HADDON HEIGHTS BOROUGH		
Project No. :	340877-01	Eligible Project Cost:	\$ 1,364,098
FY04 Rank :	371		
County :	CAMDEN	Total State Amount :	\$ 1,364,098

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00820
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TOTAL POINTS	50.00820
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Project Name, Number

Priority List Rank

HADDON HEIGHTS BOROUGH

371

340877-01

I/I CORRECTION

County

CAMDEN

Existing Population

8,200

Service Area

Haddon Heights Borough

Need for Project

The existing collection system in the Borough of Haddon Heights is antiquated and subject to possible excessive infiltration/inflow (I/I).

Project Description

The project consists of the rehabilitation of the sewer system.

Anticipated Recipient : BOGOTA BOROUGH

Project No. : 340914-01 Eligible Project Cost : \$ 194,773

FY04 Rank : 372

County : BERGEN Total State Amount : \$ 194,773

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.00802

TOTAL POINTS 50.00802

Project Name, Number

BOGOTA BOROUGH

340914-01

SEWER REHABILITATION

County

BERGEN

Existing Population

8,020

Service Area

Borough of Bogota

Need for Project

A 1981 report prepared by the Bergen County Utilities Authority identified sources of excessive infiltration and inflow which account for 27% of the total average flow and 78% of peak flow. The sewer system improvements will reduce the infiltration/inflow and increase the efficiency of the treatment plant.

Project Description

The proposed project includes the cleaning, televising, and grouting of approximately 17,000 LF of sanitary sewer pipe, the installation of 10 new manholes, and the rehabilitation of an existing pump station.

Priority List Rank

372

Anticipated Recipient	:	GLEN RIDGE BOROUGH		
Project No.	:	340861-01	Eligible Project Cost:	\$ 337,786
FY04 Rank	:	373		
County	:	ESSEX	Total State Amount	\$ 337,786

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00787
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TOTAL POINTS	50.00787
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Project Name, Number

GLEN RIDGE BOROUGH
340861-01
I/I CORRECTION

Priority List Rank

373

County

ESSEX

Existing Population

7,870

Service Area

Borough of Glen Ridge

Need for Project

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

Project Description

An I/I correction program consisting of grouting slip lining, and minor rehabilitation of structurally damaged pipes and manholes will be undertaken to remove the identified excessive I/I.

Anticipated Recipient	:	SOUTH AMBOY CITY		
Project No.	:	340326-06	Eligible Project Cost:	\$ 244,515
FY04 Rank	:	374		
County	:	MIDDLESEX	Total State Amount	\$ 244,515

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00784
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TOTAL POINTS	50.00784
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Project Name, Number

Priority List Rank

SOUTH AMBOY CITY

374

340326-06

I/I CORRECTION

County

MIDDLESEX

Existing Population

7,840

Service Area

City of South Amboy

Need for Project

The sewer systems in the City of South Amboy, constructed prior to the use of secondary treatment methods, did not set strict limits on the volume of infiltration and inflow within sanitary sewers since treatment costs were not greatly affected by these extraneous flows. However, in recent years, the construction costs of conveyance facilities, coupled with rising treatment costs associated with secondary treatment methods, have resulted in efforts to eliminate infiltration and inflow in areas where it is proven to be cost-effective.

Project Description

The proposed project is to provide I/I correction for South Amboy's existing sewer system.

Anticipated Recipient	:	HAMILTON TOWNSHIP MUA		
Project No.	:	340903-02	Eligible Project Cost:	\$ 2,774,147
FY04 Rank	:	375		
County	:	ATLANTIC	Total State Amount	\$ 2,774,147

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00770
TOTAL POINTS	50.00770

Project Name, Number

HAMILTON TOWNSHIP MUA
340903-02
COLLECTION SYSTEM

Priority List Rank

375

County

ATLANTIC

Existing Population

7,700

Service Area

The service area is bounded by the Atlantic City Expressway to the North, the Egg Harbor Township boundary to the East, West Jersey Avenue to the South and the Hamilton Mall area to the West.

Need for Project

The project is necessary to provide sewer service to the areas of the Township which are not presently sewered in order to prevent future contamination of the ground water quality.

Project Description

The proposed project consists of the construction of a collection system within Hamilton Township. The flow will be conveyed through two pump stations and gravity sewers of PVC design ranging from 8-inch to 24-inch. The estimated design flow is 1.2 MGD. The wastewater will be treated at the Atlantic County Utilities Authority (ACUA) City Island Treatment Plant.

Anticipated Recipient	:	KEYPORT BOROUGH		
Project No.	:	340267-01	Eligible Project Cost:	\$ 360,245
FY04 Rank	:	376		
County	:	MONMOUTH	Total State Amount	\$ 360,245

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00759
TOTAL POINTS	50.00759

Project Name, Number

Priority List Rank

KEYPORT BOROUGH

376

340267-01

STORMWATER/NPS MANAGEMENT

County

MONMOUTH

Existing Population

7,586

Service Area

Borough of Keyport

Need for Project

The Borough needs to remediate certain areas which experience flooding and properly maintain its stormwater sewers. The existing facilities adversely impact water quality in the Raritan Bay.

Project Description

The proposed project involves the construction of approximately 200 feet of reinforced concrete pipe (RCP) and two doghouse drainage structures to create a bypass system to divert stormwater runoff to a separate outfall on Broad Street. Also included in the project is the construction of approximately 800 feet of RCP to replace an existing storm system on Second Street, Waverly Street and Third Street and the purchase of a "Scavenge-Vac" to properly maintain the system.

Anticipated Recipient	:	CRESSKILL BOROUGH		
Project No.	:	340374-01	Eligible Project Cost:	\$ 444,422
FY04 Rank	:	377		
County	:	BERGEN	Total State Amount	\$ 444,422

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00756
TOTAL POINTS	50.00756

Project Name, Number

Priority List Rank

CRESSKILL BOROUGH

377

340374-01

STORMWATER/NPS MANAGEMENT

County

BERGEN

Existing Population

7,560

Service Area

Borough of Cresskill (Magnolia Avenue Area)

Need for Project

The Magnolia Avenue area does not drain properly during wet weather events.

Project Description

The proposed project includes the installation of a new drainage system, including the removal and replacement of existing pavement, curbs and other amenities.

Anticipated Recipient	:	MONTVALE BOROUGH		
Project No.	:	340846-01	Eligible Project Cost:	\$ 104,753
FY04 Rank	:	378		
County	:	BERGEN	Total State Amount	: \$ 104,753

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00753
TOTAL POINTS	50.00753

Project Name, Number

MONTVALE BOROUGH
340846-01
I/I CORRECTION

Priority List Rank

378

County

BERGEN

Existing Population

7,530

Service Area

Borough of Montvale

Need for Project

The Bergen County Utilities Authority Infiltration/Inflow (I/I) Analysis and Sewer System Evaluation Survey identified excessive I/I in this municipality's sewer system.

Project Description

The excessive I/I will be removed by grouting, slip lining, and other minor rehabilitation methods.

Anticipated Recipient	:	BARRINGTON BOROUGH		
Project No.	:	340305-01	Eligible Project Cost:	\$ 1,032,044
FY04 Rank	:	379		
County	:	CAMDEN	Total State Amount	: \$ 1,032,044

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00708
TOTAL POINTS	50.00708

Project Name, Number

Priority List Rank

BARRINGTON BOROUGH

379

340305-01

I/I CORRECTION

County

CAMDEN

Existing Population

7,084

Service Area

Borough of Barrington

Need for Project

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

Project Description

The proposed project is for the replacement and slip lining of sanitary sewer mains in the Old Gardens section of the Barrington Borough.

Anticipated Recipient	:	MEDFORD TOWNSHIP		
Project No.	:	340346-01	Eligible Project Cost:	\$ 3,997,392
FY04 Rank	:	380		
County	:	BURLINGTON	Total State Amount	: \$ 3,997,392

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00700
TOTAL POINTS	50.00700

Project Name, Number

Priority List Rank

MEDFORD TOWNSHIP

380

340346-01

SEWER REHABILITATION

County

BURLINGTON

Existing Population

7,000

Service Area

Portions of the following sewer subsystems in the Township: Village South, Birchwood South and Birchwood North

Need for Project

An Infiltration/Inflow Analysis was performed in 1990 which indicated the major areas of I/I problems. These areas have excessive I/I which reduces the capacity of the Sewage Treatment Plant. The line in the Village South area is a major trunk line in a low lying area that is often flooded and has major infiltration problems. Sewage Treatment Plant improvements need to be carried out to improve plant operations and plant efficiency.

Project Description

The proposed project includes the replacement of approximately 30000 LF of 8", 10", 12" and 18" sanitary sewer, manholes, laterals and related appurtenances. The project will be segmented and the first segment will involve rehabilitation of Himmelein Road sewer and Christopher Mill Road force main. Also, proposed in this segment is the STP improvements which involve installation of grit removal system and sludge thickener cover.

Anticipated Recipient	:	PAULSBORO BOROUGH		
Project No.	:	340164-01	Eligible Project Cost:	\$ 967,451
FY04 Rank	:	381		
County	:	GLOUCESTER	Total State Amount	: \$ 967,451

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00658
TOTAL POINTS	50.00658

Project Name, Number

PAULSBORO BOROUGH
340164-01
STORMWATER MANAGEMENT

Priority List Rank

381

County

GLOUCESTER

Existing Population

6,577

Service Area

Paulsboro Borough

Need for Project

The existing substandard stormwater systems are subject to failure during storm events causing flooding. The stormwater and sanitary flows co-mingle during flooding and are discharged to Mantua Creek.

Project Description

The proposed project includes construction of a new storm sewer system with uniform slopes between manholes and inlets to maintain an unobstructed flow, minimize trapping of debris, eliminate flooding, and improve water quality. This will include construction of new inlets to replace existing undersized inlets for more efficient flow and improved ease of maintenance.

Anticipated Recipient	:	DUNELLEN BOROUGH		
Project No.	:	340916-01	Eligible Project Cost:	\$ 1,396,910
FY04 Rank	:	382		
County	:	MIDDLESEX	Total State Amount	\$ 1,396,910

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00652
TOTAL POINTS	50.00652

Project Name, Number

Priority List Rank

DUNELLEN BOROUGH

382

340916-01

SEWER REHABILITATION

County

MIDDLESEX

Existing Population

6,520

Service Area

Borough of Dunellen

Need for Project

The majority of the sanitary sewer system of Dunellen was installed around 1915. The system consists of vitrified clay pipe, which has been cracking and failing. Over the past four years, the Borough has had to replace or reline several thousand feet of trunk line at a cost of almost \$1 million.

Project Description

The proposed project consists of relining or replacing all the trunk lines in the Borough, upgrading and repair of Borough's pump station, upgrading and sealing manholes, and televising and clean remaining system.

Anticipated Recipient : HOPEWELL TOWNSHIP

Project No. : 340282-02 Eligible Project Cost: \$ 3,475,917

FY04 Rank : 383

County : MERCER Total State Amount : \$ 3,475,917

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.00615

TOTAL POINTS 50.00615

Project Name, Number

Priority List Rank

HOPEWELL TOWNSHIP
340282-02
COLLECTION SYSTEM

383

County

MERCER

Existing Population

6,150

Service Area

The service area includes from Route 31 north of Woodsville Road to Dublin Road and east to an existing railroad right-of-way.

Need for Project

The Route 31 service area is severely constrained for individual subsurface disposal systems because of high groundwater tables and rock. The Pennytown site currently discharges all of its waste to a holding tank due to septic system failure.

Project Description

The proposed project includes the construction of gravity collection sewers, force mains and pump stations. The sewage will be conveyed to the Stony Brook Regional Sewerage Authority for treatment.

Anticipated Recipient	:	UNION BEACH BOROUGH		
Project No.	:	340278-01	Eligible Project Cost:	\$ 2,317,315
FY04 Rank	:	384		
County	:	MONMOUTH	Total State Amount	\$ 2,317,315

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00600
TOTAL POINTS	50.00600

Project Name, Number

UNION BEACH BOROUGH
340278-01
SEWER REHABILITATION

Priority List Rank

384

County

MONMOUTH

Existing Population

6,000

Service Area

Borough of Union Beach

Need for Project

The Borough's sanitary sewer system is constantly inundated by groundwater and surface flooding due to its proximity to the shore. The Borough's sanitary sewer study indicates that many sections of sewer pipe and manholes must be rehabilitated to reduce extraneous flows, which are costly to treat.

Project Description

The proposed project involves rehabilitation by grouting, lining, repair and/or replacement of troubled sewer lines which are identified in the Borough's I/I study.

Anticipated Recipient	:	LOPATCONG TOWNSHIP		
Project No.	:	340264-02	Eligible Project Cost:	\$ 2,718,518
FY04 Rank	:	385		
County	:	WARREN	Total State Amount	\$ 2,718,518

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00577
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TOTAL POINTS	50.00577
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Project Name, Number

LOPATCONG TOWNSHIP
340264-02
SEWER REHABILITATION

Priority List Rank

385

County

WARREN

Existing Population

5,765

Service Area

Lopatcong Township

Need for Project

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

Project Description

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

Anticipated Recipient	:	BERLIN BOROUGH		
Project No.	:	340308-01	Eligible Project Cost:	\$ 708,917
FY04 Rank	:	386		
County	:	CAMDEN	Total State Amount	\$ 708,917

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.00567
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TOTAL POINTS	50.00567
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Project Name, Number

BERLIN BOROUGH
340308-01
STORMWATER MANAGEMENT

Priority List Rank

386

County

CAMDEN

Existing Population

5,672

Service Area

Borough of Berlin

Need for Project

The Borough needs equipment to reduce the amount of debris entering its stormwater management system. The Borough also hopes to reduce non-point source pollution from run off from salt facilities and a deteriorated stream bank.

Project Description

The proposed project includes the purchase of a street sweeper and construction of a salt storage bin. The project also includes construction of a water quality basin, installation of a stormwater pipe and restoration of a stream bank.

Anticipated Recipient	:	N ARLINGTON - LYNDHURST JT MTG (NARL)		
Project No.	:	340426-06	Eligible Project Cost:	\$ 218,940
FY04 Rank	:	387		
County	:	BERGEN	Total State Amount	\$ 218,940

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00559
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TOTAL POINTS	50.00559
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Project Name, Number

Priority List Rank

N ARLINGTON - LYNDHURST JT MTG (NARL)
340426-06
SEWER REHABILITATION

387

County

BERGEN

Existing Population

5,590

Service Area

Portions of the Borough of North Arlington

Need for Project

The Joint Meeting has conducted an Infiltration/Inflow (I/I) analysis and concluded that excessive I/I exists in the sewer system. A sewer system evaluation survey has evaluated flow conditions and identified the sewer segments which are cost-effective to rehabilitate. Further sewer system evaluation work will propose an I/I correction program to reduce the excessive I/I flows.

Project Description

This proposed project will consist of an I/I correction program to remove a portion of the excessive I/I flows. This may include grouting of sewer joints, sealing manholes, repairs or replacement of defective manhole covers, and other major rehabilitation measures such as removal and replacement of defective sewer pipes and relining of sewer pipes.

Anticipated Recipient	:	N ARLINGTON-LYNDHURST JT MTG (LYND)		
Project No.	:	340426-05	Eligible Project Cost:	\$ 4,688,749
FY04 Rank	:	387		
County	:	BERGEN	Total State Amount	: \$ 4,688,749

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00559
TOTAL POINTS	50.00559

Project Name, Number

Priority List Rank

N ARLINGTON-LYNDHURST JT MTG (LYND)
340426-05
I/I CORRECTION

387

County

BERGEN

Existing Population

5,590

Service Area

Borough of Lyndhurst

Need for Project

The Joint Meeting has conducted an Infiltration/Inflow (I/I) analysis and concluded that excessive I/I exists in the sewer system. A sewer system evaluation survey has evaluated flow conditions and identified the sewer segments which are cost-effective to rehabilitate. Further sewer system evaluation work will propose an I/I correction program to reduce the excessive I/I flows.

Project Description

This proposed project will consist of an I/I correction program to remove a portion of the excessive I/I flows. This may include grouting of sewer joints, sealing manholes, repairs or replacement of defective manhole covers, and other minor rehabilitation measures.

Anticipated Recipient	:	ROCHELLE PARK TOWNSHIP		
Project No.	:	340310-01	Eligible Project Cost:	\$ 2,255,626
FY04 Rank	:	387		
County	:	BERGEN	Total State Amount	: \$ 2,255,626

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00559
TOTAL POINTS	50.00559

Project Name, Number

Priority List Rank

ROCHELLE PARK TOWNSHIP
340310-01
SEWER REHABILITATION

387

County

BERGEN

Existing Population

5,587

Service Area

Rochelle Park Township

Need for Project

The sewer main connecting the Township system to the Bergen County UA interceptor is forty years old and has been experiencing blockages due to deterioration. Two pump stations need to be upgraded to allow them to operate as originally intended.

Project Description

The proposed project includes the installation of a new trunk sewer main from the Township's main pump station to a Bergen County UA interceptor. The existing line will be abandoned in place. The Township's main pump station will have a second comminutor unit, a backup sanitary sewer pump, and a new pump control system installed. The Sprout Brook Pump Station will be upgraded by replacing the existing pumps, motors and control system with new ones.

Anticipated Recipient	:	POINT PLEASANT BEACH BOROUGH		
Project No.	:	340479-02	Eligible Project Cost:	\$ 1,531,368
FY04 Rank	:	390		
County	:	OCEAN	Total State Amount	: \$ 1,531,368

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00552
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TOTAL POINTS	50.00552
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Project Name, Number

Priority List Rank

POINT PLEASANT BEACH BOROUGH
340479-02
I/I CORRECTION

390

County

OCEAN

Existing Population

5,520

Service Area

Borough of Point Pleasant Beach

Need for Project

The Borough's sewer system is experiencing high infiltration and inflow attributable to the high ground water table and deteriorated pipes.

Project Description

The Borough owns and operates 17 miles of gravity sewers with diameters ranging from 6" to 24". The sewage is conveyed to the OCUA's Northern STP for treatment and disposal. 50% of the Borough's sewers are over 40 years old and 90% over 25 years old. A major portion of the sewer system requires I/I correction.

Anticipated Recipient	:	CARLSTADT SEWERAGE AUTHORITY		
Project No.	:	340705-04	Eligible Project Cost:	\$ 3,340,073
FY04 Rank	:	391		
County	:	BERGEN	Total State Amount	\$ 3,340,073

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00551
TOTAL POINTS	50.00551

Project Name, Number

Priority List Rank

CARLSTADT SEWERAGE AUTHORITY

391

340705-04

SEWER REHABILITATION, PUMP STATION

County

BERGEN

Existing Population

5,510

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.

Anticipated Recipient	:	BERLIN TOWNSHIP		
Project No.	:	340790-03	Eligible Project Cost:	\$ 1,317,721
FY04 Rank	:	392		
County	:	CAMDEN	Total State Amount	: \$ 1,317,721

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00547
TOTAL POINTS	50.00547

Project Name, Number

Priority List Rank

BERLIN TOWNSHIP

392

340790-03

STORMWATER MANAGEMENT

County

CAMDEN

Existing Population

5,466

Service Area

Township of Berlin

Need for Project

Inadequate facilities to convey and manage stormwater have caused problems such as ponding in certain areas of the Township during storm events. The Township also stores its road maintenance salt and sand in an open uncovered area with the potential for runoff to convey salt and sand to the nearby wetland.

Project Description

The proposed project involves construction of storm drainage systems including storm pipes inlets and basins to address the areas impacted adversely by stormwater build up. The proposed project also includes construction of a salt dome.

Anticipated Recipient	:	SOMERDALE BOROUGH		
Project No.	:	340338-03	Eligible Project Cost:	\$ 1,331,729
FY04 Rank	:	393		
County	:	CAMDEN	Total State Amount	: \$ 1,331,729

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00544
TOTAL POINTS	50.00544

Project Name, Number

Priority List Rank

SOMERDALE BOROUGH
340338-03
STORMWATER/NPS MANAGEMENT

393

County

CAMDEN

Existing Population

5,440

Service Area

Borough of Somerdale

Need for Project

Extreme stormwater runoff in the Borough cannot be handled by existing ditches resulting in soil erosion and loss of trees. Soil erosion contributes to silt deposits in Otter Brook and degrades local wetlands and streams.

Project Description

The proposed project involves creating a stormwater detention basin by modifying an existing culvert to restrict flow. Improvements to existing ditches will also be made.

Anticipated Recipient	:	SPRING LAKES HEIGHTS, BOROUGH OF		
Project No.	:	340840-01	Eligible Project Cost:	\$ 163,328
FY04 Rank	:	394		
County	:	MONMOUTH	Total State Amount	: \$ 163,328

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.00537
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TOTAL POINTS	50.00537
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Project Name, Number

Priority List Rank

SPRING LAKES HEIGHTS, BOROUGH OF
340840-01
I/I CORRECTION

394

County

MONMOUTH

Existing Population

5,370

Service Area

Borough of Spring Lake Heights

Need for Project

Excessive infiltration/inflow has been discovered in the Borough's sewer system and is causing unnecessarily high processing charges for sewage treatment. Further studies will be performed to further define the sources of the excessive I/I.

Project Description

The scope of future work is unknown at the present time but may entail the repair of leaking joints and catch basins.

Anticipated Recipient	:	EAST GREENWICH TOWNSHIP		
Project No.	:	340368-01	Eligible Project Cost:	\$ 660,187
FY04 Rank	:	395		
County	:	GLOUCESTER	Total State Amount	: \$ 660,187

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.00526
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TOTAL POINTS	50.00526
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Project Name, Number

Priority List Rank

EAST GREENWICH TOWNSHIP
340368-01
COLLECTION SYSTEM

395

County

GLOUCESTER

Existing Population

5,260

Service Area

Kings Highway, Cohawkin Road, County House Road

Need for Project

The purpose of the project is to eliminate individual on-site septic systems.

Project Description

The proposed project involves the construction of a sanitary sewer collection system along various streets covering approximately 6,050 linear feet with 8-inch diameter PVC sewer main.

Anticipated Recipient	:	MORRIS PLAINS BOROUGH		
Project No.	:	340330-01	Eligible Project Cost:	\$ 479,390
FY04 Rank	:	396		
County	:	MORRIS	Total State Amount	\$ 479,390

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00524
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TOTAL POINTS	50.00524
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Project Name, Number

Priority List Rank

MORRIS PLAINS BOROUGH
340330-01
SEWER REHABILITATION

396

County

MORRIS

Existing Population

5,236

Service Area

Borough of Morris Plains

Need for Project

The Borough's pump station is 27 years old and in need of an upgrade to reduce the possibility of a malfunction and a stream discharge.

Project Description

The proposed project includes the replacement of the Boroughs pump station.

Anticipated Recipient	:	NEPTUNE CITY BOROUGH		
Project No.	:	340106-02	Eligible Project Cost:	\$ 430,399
FY04 Rank	:	397		
County	:	MONMOUTH	Total State Amount	\$ 430,399

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00522
TOTAL POINTS	50.00522

Project Name, Number

Priority List Rank

NEPTUNE CITY BOROUGH
340106-02
SEWER REHABILITATION

397

County

MONMOUTH

Existing Population

5,218

Service Area

Borough of Neptune City

Need for Project

The existing pump station is aging, in need of repair, and undersized to handle current flows.

Project Description

The proposed project is for the replacement the existing pump station.

Anticipated Recipient	:	HIGHLANDS BOROUGH		
Project No.	:	340901-01	Eligible Project Cost:	\$ 877,696
FY04 Rank	:	398		
County	:	MONMOUTH	Total State Amount	\$ 877,696

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00519
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TOTAL POINTS	50.00519
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Project Name, Number

Priority List Rank

HIGHLANDS BOROUGH

398

340901-01

I/I CORRECTION

County

MONMOUTH

Existing Population

5,190

Service Area

Highlands Borough

Need for Project

Sewer rehabilitation is necessary to correct excessive I/I. The current flow is equal to the amount designated for the year 2000. The completion of the work in the I/I report will reduce the infiltration and the additional charges for pumping and treatment.

Project Description

I/I correction utilizing standard sewer rehabilitation methods. A minor portion of the work in the I/I report is complete, and thus is ineligible for federal participation.

Anticipated Recipient	:	EDGEWATER BOROUGH		
Project No.	:	340446-07	Eligible Project Cost:	\$ 2,718,518
FY04 Rank	:	399		
County	:	BERGEN	Total State Amount	\$ 2,718,518

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00500
TOTAL POINTS	50.00500

Project Name, Number

Priority List Rank

EDGEWATER BOROUGH

399

340446-07

STORMWATER MANAGEMENT

County

BERGEN

Existing Population

5,001

Service Area

Edgewater Borough

Need for Project

The Borough needs to reduce flooding and reduce solids transportation. The project would reduce the sediment load to prevent creation of sediment islands and minimize the scour effect on stream banks.

Project Description

The proposed project includes bank stabilization and water quality improvements. The project consists of deepening the stream and stabilizing sections of the stream bank to prevent further soil erosion.

Anticipated Recipient	:	PENNS GROVE SA		
Project No.	:	340502-05	Eligible Project Cost:	\$ 556,107
FY04 Rank	:	400		
County	:	SALEM	Total State Amount	: \$ 556,107

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00489
TOTAL POINTS	50.00489

Project Name, Number

PENNS GROVE SA
340502-05
SEWER REHABILITATION

Priority List Rank

400

County

SALEM

Existing Population

4,886

Service Area

Penns Grove Borough

Need for Project

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

Project Description

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

Anticipated Recipient	:	HIGHLANDS BOROUGH		
Project No.	:	340901-04	Eligible Project Cost:	\$ 781,697
FY04 Rank	:	401		
County	:	MONMOUTH	Total State Amount	\$ 781,697

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.00486
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TOTAL POINTS	50.00486
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Project Name, Number

HIGHLANDS BOROUGH
340901-04
STORMWATER MANAGEMENT

Priority List Rank

401

County

MONMOUTH

Existing Population

4,855

Service Area

Highlands Borough

Need for Project

The Borough has a known nonpoint source pollution problem which needs to be corrected. The downtown area of the Borough frequently floods during periods of rain or high tides and Jones Creek cuts through the middle of this area. The floods damage property and collect debris and contaminants which are passed through the system to Raritan Bay.

Project Description

The proposed project involves the installation of a stormwater pump station.

Anticipated Recipient	:	MAGNOLIA BOROUGH		
Project No.	:	340285-01	Eligible Project Cost:	\$ 1,259,960
FY04 Rank	:	401		
County	:	CAMDEN	Total State Amount	\$ 1,259,960

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00486
TOTAL POINTS	50.00486

Project Name, Number

MAGNOLIA BOROUGH
340285-01
SEWER REHABILITATION

Priority List Rank

401

County

CAMDEN

Existing Population

4,861

Service Area

Eastern section of Magnolia Borough adjacent to White Horse Pike

Need for Project

The Borough of Magnolia currently experiences frequent sanitary sewer failure and resultant back up in the eastern section of the Borough. The pump station is in need of upgrade due to aged infrastructure and associated maintenance problems.

Project Description

The proposed project includes the lining or replacing of sanitary sewers in the eastern section of the Borough and the upgrade of one pump station.

Anticipated Recipient	:	HIGHLANDS BOROUGH		
Project No.	:	340901-02	Eligible Project Cost:	\$ 147,540
FY04 Rank	:	403		
County	:	MONMOUTH	Total State Amount	\$ 147,540

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.00485
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TOTAL POINTS	50.00485
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Project Name, Number

HIGHLANDS BOROUGH

340901-02

I/I CORRECTION

County

MONMOUTH

Priority List Rank

403

Existing Population

4,850

Service Area

Borough of Highlands

Need for Project

To reduce elevated levels of bacteria in stormwater discharges to coastal waters.

Project Description

To eliminate cross-connections between sanitary and storm sewers by replacing portions of sewers, sealing manholes, and sealing leaks. To eliminate interconnections due to leaks, flows, or overflows from the sanitary sewer system.

Anticipated Recipient	:	ROSELAND BOROUGH		
Project No.	:	340361-01	Eligible Project Cost:	\$ 123,712
FY04 Rank	:	403		
County	:	ESSEX	Total State Amount	\$ 123,712

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00485
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TOTAL POINTS	50.00485
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Project Name, Number

Priority List Rank

ROSELAND BOROUGH

403

340361-01

I/I CORRECTION

County

ESSEX

Existing Population

4,850

Service Area

Borough of Roseland

Need for Project

The excessive inflow and infiltration condition results in surcharging of the collection system. In addition, the excess flow is being directed to the Caldwell STP and these additional volumes result in higher treatment costs to the Borough of Roseland.

Project Description

The Borough has conducted preliminary field investigations and determined that several residential neighborhoods are experiencing significant inflow/infiltration problems. These impacted areas represent approximately twenty (20) percent of the utility users. The Borough will embark upon final studies to determine the exact location and magnitude of the problems. The rehabilitation work will include air testing and chemical grouting of approximately 8,000 linear feet of sanitary sewer.

Anticipated Recipient	:	ROSELAND BOROUGH		
Project No.	:	340361-02	Eligible Project Cost:	\$ 1,396,910
FY04 Rank	:	403		
County	:	ESSEX	Total State Amount	\$ 1,396,910

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00485
TOTAL POINTS	50.00485

Project Name, Number

Priority List Rank

ROSELAND BOROUGH

403

340361-02

STORMWATER MANAGEMENT

County

ESSEX

Existing Population

4,850

Service Area

Borough of Roseland

Need for Project

The Borough has determined that stormwater management improvements are necessary to correct drainage problems in the area of Birch Drive and Martha Drive.

Project Description

The Borough is currently studying options to correct the stormwater management concerns in the Birch Drive and Martha Drive areas of the municipality. The proposed project would involve the implementation of the measures needed to correct the drainage and runoff problems.

Anticipated Recipient	:	HIGHLANDS BOROUGH		
Project No.	:	340901-03	Eligible Project Cost:	\$ 1,205,942
FY04 Rank	:	403		
County	:	MONMOUTH	Total State Amount	\$ 1,205,942

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00485
TOTAL POINTS	50.00485

Project Name, Number

Priority List Rank

HIGHLANDS BOROUGH

403

340901-03

STORMWATER/NPS MANAGEMENT

County

MONMOUTH

Existing Population

4,849

Service Area

Highlands Borough

Need for Project

The Borough has a known nonpoint source pollution problem which needs to be corrected. Several times a year beach closures occur which are primarily due to the debris and contaminants which collect in the storm sewer system. In addition, the North Street sanitary and storm sewer system contributes high levels of fecal coliform to Sandy Hook Bay.

Project Description

The proposed project involves (1) the rehabilitation of the North Street storm sewer and replacement of the old sanitary sewer system, as well as roadway repair, (2) the elimination of flooding in problem areas 3, 4, and 16 by installing properly sized storm sewers and check valves at the outfalls and (3) the purchase of a vacuum sweeper, leaf collector and Jet-Vac.

Anticipated Recipient	:	HARRISON TOWNSHIP		
Project No.	:	340362-01	Eligible Project Cost:	\$ 3,125,171
FY04 Rank	:	407		
County	:	GLOUCESTER	Total State Amount	: \$ 3,125,171

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00472
TOTAL POINTS	50.00472

Project Name, Number

Priority List Rank

HARRISON TOWNSHIP

407

340362-01

SYSTEM REHABILITATION

County

GLOUCESTER

Existing Population

4,720

Service Area

Harrison Township

Need for Project

The sanitary sewer system is approximately 25 to 30 years old and was constructed of terra cotta pipe. A majority of these sewer mains are located in low lying areas adjacent to wetlands or streams. In addition, the 11 pump stations are also 25 to 30 years old and are in need of rehabilitation to bring them up to current operational standards. Several of the pump stations do not have back-up emergency generators or other alternate power source.

Project Description

The Township will repair and/or replace those sections of the sewer system which experience problems. Also included is the necessary work to upgrade the existing pump stations to current standards.

Anticipated Recipient	:	MOUNT ARLINGTON BOROUGH		
Project No.	:	340541-04	Eligible Project Cost:	\$ 134,261
FY04 Rank	:	408		
County	:	MORRIS	Total State Amount	\$ 134,261

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00466
TOTAL POINTS	50.00466

Project Name, Number

Priority List Rank

MOUNT ARLINGTON BOROUGH
340541-04
STORMWATER MANAGEMENT

408

County

MORRIS

Existing Population

4,663

Service Area

Borough of Mount Arlington

Need for Project

The Borough needs to collect and pre-treat nonpoint source pollution from road runoff that drains into Lake Hopatcong.

Project Description

The proposed project involves the construction of a storm drainage system, including storm pipes, inlets and headwalls.

Anticipated Recipient	:	WESTVILLE BOROUGH		
Project No.	:	340289-01	Eligible Project Cost:	\$ 708,917
FY04 Rank	:	409		
County	:	GLOUCESTER	Total State Amount	: \$ 708,917

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00457
TOTAL POINTS	50.00457

Project Name, Number

WESTVILLE BOROUGH

340289-01

I/I CORRECTION

County

GLOUCESTER

Priority List Rank

409

Existing Population

4,573

Service Area

Borough of Westville

Need for Project

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

Project Description

The proposed project is for an Infiltration/Inflow correction program to eliminate excessive I/I from the sewerage system.

Anticipated Recipient	:	SAYREVILLE BOROUGH		
Project No.	:	340326-07	Eligible Project Cost:	\$ 4,688,749
FY04 Rank	:	410		
County	:	MIDDLESEX	Total State Amount	: \$ 4,688,749

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
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Population	0.00443
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TOTAL POINTS	50.00443
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Project Name, Number

SAYREVILLE BOROUGH
340326-07
I/I CORRECTION

Priority List Rank

410

County

MIDDLESEX

Existing Population

4,430

Service Area

Sayreville Borough

Need for Project

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

Project Description

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

Anticipated Recipient	:	FLEMINGTON BOROUGH		
Project No.	:	340440-04	Eligible Project Cost:	\$ 1,645,877
FY04 Rank	:	411		
County	:	HUNTERDON	Total State Amount	: \$ 1,645,877

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00420
TOTAL POINTS	50.00420

Project Name, Number

Priority List Rank

FLEMINGTON BOROUGH
340440-04
I/I CORRECTION

411

County

HUNTERDON

Existing Population

4,200

Service Area

Borough of Flemington

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 purpose of the project is to reduce rainfall-induced surcharging of the collection system and sewage treatment plant. The project involves an infiltration/inflow correction program including relining of pipes and removal of stormwater connections.

Anticipated Recipient	:	MEDFORD LAKES BOROUGH		
Project No.	:	340319-01	Eligible Project Cost:	\$ 289,789
FY04 Rank	:	412		
County	:	BURLINGTON	Total State Amount	: \$ 289,789

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00417
TOTAL POINTS	50.00417

Project Name, Number

MEDFORD LAKES BOROUGH
340319-01
SEWER REHABILITATION

Priority List Rank

412

County

BURLINGTON

Existing Population

4,173

Service Area

Borough of Medford Lakes

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 during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the sewer system.

Anticipated Recipient	:	DELAWARE TOWNSHIP MUA		
Project No.	:	340917-02	Eligible Project Cost:	\$ 430,399
FY04 Rank	:	413		
County	:	HUNTERDON	Total State Amount	\$ 430,399

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00398
TOTAL POINTS	50.00398

Project Name, Number

DELAWARE TOWNSHIP MUA
340917-02
I/I CORRECTION

Priority List Rank

413

County

HUNTERDON

Existing Population

3,980

Service Area

Sergeantsville Light District

Need for Project

The Sergeantsville Light district is experiencing excessive infiltration. The collection system must be inspected to identify and correct the cause(s) of infiltration.

Project Description

The proposed project will include smoke testing and video camera inspection of approximately 10,000 linear feet of sewer line. In addition, cracks will be grouted and any collapsed or obstructed lines repaired.

NEW JERSEY STATE LIBRARY

Anticipated Recipient	:	LAMBERTVILLE SA		
Project No.	:	340882-05	Eligible Project Cost:	\$ 1,722,745
FY04 Rank	:	414		
County	:	HUNTERDON	Total State Amount	\$ 1,722,745

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00387
TOTAL POINTS	50.00387

Project Name, Number

LAMBERTVILLE SA
340882-05
SEWER REHABILITATION

Priority List Rank

414

County

HUNTERDON

Existing Population

3,868

Service Area

City of Lambertville

Need for Project

The existing facilities were constructed in 1950's and expanded in the 1980's and are in need of various repairs, modifications, and replacement of existing equipment and structures. The improvements are needed to ensure operational reliability and to enable normal maintenance.

Project Description

The proposed project includes rehabilitation of two pump stations, replacement of a variable frequency drive, and replacement of a failing sludge dewatering device.

Anticipated Recipient	:	HIGH BRIDGE BOROUGH		
Project No.	:	340842-02	Eligible Project Cost:	\$ 162,326
FY04 Rank	:	415		
County	:	HUNTERDON	Total State Amount	\$ 162,326

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00378
TOTAL POINTS	50.00378

Project Name, Number

HIGH BRIDGE BOROUGH

340842-02

STORMWATER/NPS MANAGEMENT

Priority List Rank

415

County

HUNTERDON

Existing Population

3,776

Service Area

Borough of High Bridge

Need for Project

The Borough of High Bridge proposes to build a salt barn to replace two deteriorated buildings where runoff threatens a tributary of the South Branch of the Raritan River. Covered-inside storage will eliminate the possibility of contaminating the stream, wells, and ground water with salt run-off.

Project Description

The proposed project includes construction of a salt barn with 631 tons capacity.

Anticipated Recipient	:	HIGH BRIDGE BOROUGH		
Project No.	:	340842-01	Eligible Project Cost:	\$ 243,967
FY04 Rank	:	416		
County	:	HUNTERDON	Total State Amount	\$ 243,967

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00377
TOTAL POINTS	50.00377

Project Name, Number

HIGH BRIDGE BOROUGH
340842-01
I/I CORRECTION

Priority List Rank

416

County

HUNTERDON

Existing Population

3,770

Service Area

Borough of High Bridge

Need for Project

The Borough of High Bridge suspects excessive Infiltration/Inflow quantities to be present in their municipal sewerage system.

Project Description

Pending study by the Borough, the excessive I/I is proposed to be removed by grouting, manhole replacement and other minor rehabilitation methods.

Anticipated Recipient	:	STANHOPE BOROUGH		
Project No.	:	340504-02	Eligible Project Cost:	\$ 415,019
FY04 Rank	:	417		
County	:	SUSSEX	Total State Amount	\$ 415,019

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00370
TOTAL POINTS	50.00370

Project Name, Number

STANHOPE BOROUGH
340504-02
I/I CORRECTION

Priority List Rank

417

County

SUSSEX

Existing Population

3,700

Service Area

Stanhope Borough

Need for Project

A study was performed on the existing sanitary sewer system and it was determined that the possibility of excess infiltration/inflow does exist.

Project Description

A continuation of this study has been submitted to NJDEP and will be evaluated shortly. If the study confirms that infiltration/inflow does exist, then I/I correction of the system will be implemented.

Anticipated Recipient	:	DELANCO TOWNSHIP SA		
Project No.	:	340956-02	Eligible Project Cost:	\$ 1,854,849
FY04 Rank	:	418		
County	:	BURLINGTON	Total State Amount	\$ 1,854,849

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00324
TOTAL POINTS	50.00324

Project Name, Number

DELANCO TOWNSHIP SA
340956-02
SEWER REHABILITATION

Priority List Rank

418

County

BURLINGTON

Existing Population

3,237

Service Area

Delanco Township

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. The Hickory Street Pump Station and the existing trunk sewer are not adequate to handle peak flows causing back-ups and overflows.

Project Description

The project includes replacement or relining of 8000 feet sewer lines, construction of 10 new manholes, sealing 110 existing manholes, and inspection of another 5100 feet of sewer line. The Hickory Street Pump Station will be rehabilitated and upgraded, and a new force main constructed to by-pass the existing trunk sewer.

Anticipated Recipient	:	DELANCO TOWNSHIP SA		
Project No.	:	340956-03	Eligible Project Cost:	\$ 1,915,067
FY04 Rank	:	418		
County	:	BURLINGTON	Total State Amount	: \$ 1,915,067

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00324
TOTAL POINTS	50.00324

Project Name, Number

DELANCO TOWNSHIP SA
340956-03
COLLECTION SYSTEM

Priority List Rank

418

County

BURLINGTON

Existing Population

3,237

Service Area

Delanco Township

Need for Project

The proposed project will replace existing on-site sewage disposal systems, some of which reportedly are failing, do not meet current standards, or do not meet the needs of the homeowners.

Project Description

The proposed project construction of a sewer collection system and a pump station.

Anticipated Recipient	:	WOODBINE MUA		
Project No.	:	340370-01	Eligible Project Cost:	\$ 12,630,925
FY04 Rank	:	420		
County	:	CAPE MAY	Total State Amount :	\$ 12,630,925

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00300
TOTAL POINTS	50.00300

Project Name, Number

Priority List Rank

WOODBINE MUA

420

340370-01

STP UPGRADE, EXPANSION

County

CAPE MAY

Existing Population

3,000

Service Area

Woodbine Borough

Need for Project

The existing residences are served by individual on-site septic systems which are suspected to contribute to groundwater pollution. The State Department of Human Services owns and operates the only treatment facility in the Borough and it is located at and serves only the Woodbine Development Center.

Project Description

The proposed project involves the acquisition of the Woodbine Development Center's STP and the upgrade and expansion of the treatment facility from 0.16 MGD to 0.5 MGD. The upgrade will employ the sequential batch reactor process and denitrification. In addition, the project includes pump stations, force mains and approximately 60,000 linear feet of gravity sewers to collect and transport wastewater to the upgraded STP.

Anticipated Recipient	:	WOODBURY HEIGHTS BOROUGH		
Project No.	:	340257-02	Eligible Project Cost:	\$ 1,841,186
FY04 Rank	:	421		
County	:	GLOUCESTER	Total State Amount	\$ 1,841,186

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00299
TOTAL POINTS	50.00299

Project Name, Number

WOODBURY HEIGHTS BOROUGH
340257-02
SEWER REHABILITATION

Priority List Rank

421

County

GLOUCESTER

Existing Population

2,988

Service Area

Borough of Woodbury Heights

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 during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the sewer system.

Anticipated Recipient	:	SEA ISLE CITY		
Project No.	:	340659-01	Eligible Project Cost:	\$ 667,397
FY04 Rank	:	422		
County	:	CAPE MAY	Total State Amount	\$ 667,397

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00295
TOTAL POINTS	50.00295

Project Name, Number

SEA ISLE CITY
340659-01
I/I CORRECTION

Priority List Rank

422

County

CAPE MAY

Existing Population

2,950

Service Area

Sea Isle City

Need for Project

The Sea Isle City collection system is subject to possible excessive amounts of infiltration/inflow (I/I) as documented in a sewer system evaluation survey.

Project Description

The proposed rehabilitation tasks include: cleaning and inspection, repair and/or replacement of damaged or deteriorated sewer pipes and manholes.

Anticipated Recipient	:	LAWNSIDE BOROUGH		
Project No.	:	340263-01	Eligible Project Cost:	\$ 193,346
FY04 Rank	:	423		
County	:	CAMDEN	Total State Amount	\$ 193,346

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00284
TOTAL POINTS	50.00284

Project Name, Number

Priority List Rank

LAWNSIDE BOROUGH

423

340263-01

STORMWATER MANAGEMENT

County

CAMDEN

Existing Population

2,841

Service Area

Borough of Lawnside

Need for Project

The project is needed to rehabilitate an existing stormwater channel southeast of JFK Boulevard.

Project Description

The proposed project involves the rehabilitation of the stormwater channel to minimize erosion.

Anticipated Recipient	:	MOONACHIE BOROUGH		
Project No.	:	340970-02	Eligible Project Cost:	\$ 332,158
FY04 Rank	:	424		
County	:	BERGEN	Total State Amount	\$ 332,158

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00279
TOTAL POINTS	50.00279

Project Name, Number

MOONACHIE BOROUGH
340970-02
I/I CORRECTION

Priority List Rank

424

County

BERGEN

Existing Population

2,790

Service Area

Borough of Moonachie

Need for Project

An Infiltration/Inflow study conducted by the Bergen County Utilities Authority identified Meter Area 146 (Moonachie Avenue Pumping Station) as requiring sewer rehabilitation.

Project Description

The proposed project includes the televised inspection and repair of sewers which are the source of extraneous flow.

Anticipated Recipient	:	LAVALETTE BOROUGH		
Project No.	:	340966-04	Eligible Project Cost:	\$ 405,216
FY04 Rank	:	425		
County	:	OCEAN	Total State Amount	\$ 405,216

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
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Population	0.00267
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TOTAL POINTS	50.00267
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Project Name, Number

LAVALETTE BOROUGH
340966-04
STORMWATER MANAGEMENT

Priority List Rank

425

County

OCEAN

Existing Population

2,665

Service Area

Borough of Lavalette

Need for Project

The existing storm sewer system is undersized in areas of the Borough resulting in localized street flooding and the discharge of debris and sediment into local waters. Other sections of the stormwater system have leaking joints and other problems and need to be repaired.

Project Description

The proposed project includes cleaning, TV inspection and grouting of stormpipe connections and installation of a new stormwater drainage pipe

Anticipated Recipient	:	WOODLYNNE BOROUGH		
Project No.	:	340849-01	Eligible Project Cost:	\$ 4,264,056
FY04 Rank	:	426		
County	:	CAMDEN	Total State Amount	\$ 4,264,056

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00258
TOTAL POINTS	50.00258

Project Name, Number

WOODLYNNE BOROUGH

340849-01

I/I CORRECTION

County

CAMDEN

Priority List Rank

426

Existing Population

2,580

Service Area

Woodlynne Borough

Need for Project

The existing collection system is deteriorated with cracked pipes and open joints. Consequently, the infiltration/inflow (I/I) levels in the sewer system is possibly excessive.

Project Description

The proposed project consists of rehabilitation of the sewer system through the replacement of existing cracked pipes with PVC lines.

Anticipated Recipient	:	LIBERTY TOWNSHIP		
Project No.	:	340165-01	Eligible Project Cost:	\$ 148,979
FY04 Rank	:	427		
County	:	WARREN	Total State Amount	\$ 148,979

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00249
TOTAL POINTS	50.00249

Project Name, Number

LIBERTY TOWNSHIP

340165-01

STORMWATER/NPS MANAGEMENT

Priority List Rank

427

County

WARREN

Existing Population

2,493

Service Area

Liberty Township

Need for Project

Liberty Township is in need of a street sweeper. The purchase of this equipment will help the Township reduce the amount of debris that accumulates in the sewer system and, in turn, reduce solids/floatables from entering the waters of the Pequest Watershed.

Project Description

The proposed project involves the purchase of one street sweeper.

Anticipated Recipient	:	ALPHA BOROUGH		
Project No.	:	340324-01	Eligible Project Cost:	\$ 639,645
FY04 Rank	:	428		
County	:	WARREN	Total State Amount	\$ 639,645

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00248
TOTAL POINTS	50.00248

Project Name, Number

ALPHA BOROUGH

340324-01

SEWER REHABILITATION

Priority List Rank

428

County

WARREN

Existing Population

2,482

Service Area

Borough of Alpha

Need for Project

The Borough has been experiencing pipe collapses plus other problems due to undersized, tuberculated pipes. The Borough's pump station needs to be rehabilitated and upgraded to handle increased flows.

Project Description

The proposed project includes the replacement of gravity sewers and installation of new flow monitoring equipment. Pump station improvements include wet well rehabilitation, new pumps and controllers, chemical feed equipment, and emergency generator.

Anticipated Recipient	:	AVON-BY-THE-SEA BOROUGH		
Project No.	:	340335-01	Eligible Project Cost:	\$ 3,973,856
FY04 Rank	:	429		
County	:	MONMOUTH	Total State Amount	\$ 3,973,856

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00235
TOTAL POINTS	50.00235

Project Name, Number

AVON-BY-THE-SEA BOROUGH
340335-01
SEWER REHABILITATION

Priority List Rank

429

County

MONMOUTH

Existing Population

2,350

Service Area

Avon-By-The-Sea

Need for Project

An economic study of flow level with sewer improvements versus Township of Neptune Sewerage Authority current charges for flow, indicates that flow levels may be in excess of contractual amounts. The excessive flow results in dilute flow into the treatment plant. This contributes to unwarranted costs and possible penalties for excessive flow. The original sewer system was constructed prior to 1920.

Project Description

The proposed project would reduce infiltration of groundwater into the existing sewer system and includes sleeving/lining of the sanitary sewers, grouting all connections to the trunk sewers, repairing and replacing manholes and the replacement of the deteriorated sewer on Lincoln Lane.

Anticipated Recipient	:	AVON BY THE SEA BOROUGH		
Project No.	:	340335-02	Eligible Project Cost:	\$ 360,245
FY04 Rank	:	429		
County	:	MONMOUTH	Total State Amount	: \$ 360,245

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00235
TOTAL POINTS	50.00235

Project Name, Number

AVON BY THE SEA BOROUGH
340335-02
STORMWATER MANAGEMENT

Priority List Rank

429

County

MONMOUTH

Existing Population

2,350

Service Area

Avon-By-The-Sea

Need for Project

The purpose of the project is eliminate pollutants from entering tidal waters and Sylvan Lake through the stormwater system.

Project Description

The proposed project includes the construction of a catch basin system to reduce the pollutant load into the surface waters.

Anticipated Recipient	:	NORTH BERGEN MUA		
Project No.	:	340652-06	Eligible Project Cost:	\$ 3,997,392
FY04 Rank	:	431		
County	:	HUDSON	Total State Amount	\$ 3,997,392

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00233
TOTAL POINTS	50.00233

Project Name, Number

NORTH BERGEN MUA
340652-06
STP EXPANSION

Priority List Rank

431

County

HUDSON

Existing Population

2,330

Service Area

North Bergen Township and Guttenberg Town

Need for Project

The Authority is in the process of designing new sanitary sewers to serve the River Road portion of the Township. This area is currently served by on-site systems many of which are failing, or through direct, illegal, discharges to the Hudson River. This project will be necessary to ensure continued permit compliance once the River Road system is completed.

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Woodcliff (Secondary) (NJ0029084)	2.65	2.67	89	16	89	8

Project Description

Expansion of the existing Woodcliff Wastewater Treatment Plant to accommodate additional flows from the River Road service area in the Township of North Bergen.

Anticipated Recipient	:	LAVALETTE BOROUGH		
Project No.	:	340966-03	Eligible Project Cost:	\$ 2,526,305
FY04 Rank	:	432		
County	:	OCEAN	Total State Amount	\$ 2,526,305

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00230
TOTAL POINTS	50.00230

Project Name, Number

LAVALETTE BOROUGH
340966-03
SEWER REHABILITATION

Priority List Rank

432

County

OCEAN

Existing Population

2,300

Service Area

Borough of Lavallette

Need for Project

The project is needed to effectively limit infiltration/inflow into the sanitary sewer system. This will alleviate adverse downstream impacts on infrastructure and will reduce wastewater treatment costs.

Project Description

The proposed project involves the Phase III Sanitary Sewer Rehabilitation activities which includes cleaning, videoing and lining sewers, the replacement of deteriorated sections of sewer, lateral testing and sealing, rehabilitation of manhole structures, etc.

Anticipated Recipient	:	LAVALETTE BOROUGH		
Project No.	:	340966-02	Eligible Project Cost:	\$ 430,399
FY04 Rank	:	433		
County	:	OCEAN	Total State Amount	\$ 430,399

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00229
TOTAL POINTS	50.00229

Project Name, Number

LAVALETTE BOROUGH
340966-02
I/I CORRECTION

Priority List Rank

433

County

OCEAN

Existing Population

2,290

Service Area

Borough of Lavallette

Need for Project

The investigate the presence of any cross connections and repair same to eliminate contamination of bay waters from leaking or improperly installed sanitary sewage systems.

Project Description

Hydraulically clean storm sewer pipes and inspect to locate and determine all cross connections. Once cross connections have been located, affect repairs of same to eliminate contamination and install pinch type check valves.

Anticipated Recipient	:	WEYMOUTH TOWNSHIP MUA		
Project No.	:	340713-02	Eligible Project Cost:	\$ 570,013
FY04 Rank	:	434		
County	:	ATLANTIC	Total State Amount	\$ 570,013

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00226
TOTAL POINTS	50.00226

Project Name, Number

WEYMOUTH TOWNSHIP MUA
340713-02
SEWER REHABILITATION

Priority List Rank

434

County

ATLANTIC

Existing Population

2,257

Service Area

Weymouth Township

Need for Project

The Township's sanitary sewer system is inundated by infiltration and tidal flooding causing discharges at the pump station and through manholes.

Project Description

The proposed project involves replacement and upgrade of the pump station, replacement of all sewer laterals, and replacement of manhole covers.

Anticipated Recipient	:	PEAPACK & GLADSTONE BOROUGH		
Project No.	:	340822-01	Eligible Project Cost:	\$ 125,409
FY04 Rank	:	435		
County	:	SOMERSET	Total State Amount	\$ 125,409

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00212
TOTAL POINTS	50.00212

Project Name, Number

PEAPACK & GLADSTONE BOROUGH
340822-01
I/I CORRECTION

Priority List Rank

435

County

SOMERSET

Existing Population

2,120

Service Area

Entire Borough of Peapack-Gladstone

Need for Project

The existing sewer system has excessive I/I. Rehabilitation is necessary to remove excessive I/I, and to extend the useful life of the sewer system.

Project Description

The Borough has completed a TV & grouting program to reduce infiltration. The scope of the SSES will be reviewed after these measures are evaluated. The survey should consider inflow problems identified in subsystems 3, 4 and 5, which are defined in the original analysis (201 facilities plan).

Anticipated Recipient	:	GREENWICH TOWNSHIP		
Project No.	:	340359-01	Eligible Project Cost:	\$ 11,199,679
FY04 Rank	:	436		
County	:	WARREN	Total State Amount	: \$ 11,199,679

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00190
TOTAL POINTS	50.00190

Project Name, Number

GREENWICH TOWNSHIP
340359-01
STP, COLLECTION SYSTEM

Priority List Rank

436

County

WARREN

Existing Population

1,900

Service Area

Southerly Sewer Service Area in Greenwich Township

Need for Project

This project will provide a necessary economic base for Greenwich Township and Warren County. The State of New Jersey will also benefit from the commercial development which will be created in the Industrial Zone of the Southerly Sewer District. It will specifically service the existing KOH-I-NOOR RAPIDOGRAPH, INC. facilities which presently have septic disposal only and the Cross Jersey Executive Park which will be constructed when the wastewater treatment plant becomes operational.

Project Description

The proposed project includes the construction of a wastewater treatment plant and collection system to serve the areas.

Anticipated Recipient	:	ALLENTOWN BOROUGH		
Project No.	:	340567-04	Eligible Project Cost:	\$ 570,013
FY04 Rank	:	437		
County	:	MONMOUTH	Total State Amount	\$ 570,013

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00188
TOTAL POINTS	50.00188

Project Name, Number

ALLENTOWN BOROUGH
340567-04
I/I CORRECTION

Priority List Rank

437

County

MONMOUTH

Existing Population

1,882

Service Area

Borough of Allentown

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. Allentown's wastewater treatment plant needs upgrades and replacement of deteriorated, outdated equipment to improve removal efficacy and reduce the chance of surcharge or overflow.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system and sewage treatment plant. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the sewer system. Upgrade of the treatment plant would include electrical and control system replacement, installation of a comminutor, replacement of trickling filter media, chemical feed systems modifications, RBC reconstruction, and other miscellaneous improvements.

Anticipated Recipient	:	DEAL BOROUGH		
Project No.	:	340412-08	Eligible Project Cost:	\$ 1,259,960
FY04 Rank	:	438		
County	:	MONMOUTH	Total State Amount	\$ 1,259,960

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00185
TOTAL POINTS	50.00185

Project Name, Number

DEAL BOROUGH
340412-08
I/I CORRECTION

Priority List Rank

438

County

MONMOUTH

Existing Population

1,850

Service Area

Borough of Deal

Need for Project

The Infiltration/Inflow (I/I) analysis of the collection system indicates that the city sewerage system has excessive I/I which can be removed cost-effectively.

Project Description

The proposed project will be for an Infiltration/Inflow correction program to eliminate excessive I/I from the sewerage system.

Anticipated Recipient	:	EAST NEWARK BOROUGH		
Project No.	:	340848-01	Eligible Project Cost:	\$ 511,491
FY04 Rank	:	439		
County	:	HUDSON	Total State Amount	\$ 511,491

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00183
TOTAL POINTS	50.00183

Project Name, Number

EAST NEWARK BOROUGH

340848-01

I/I CORRECTION

County

HUDSON

Priority List Rank

439

Existing Population

1,830

Service Area

Borough of East Newark

Need for Project

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

Project Description

An I/I correction program, consisting of grouting slip lining, and minor rehabilitation of structurally damaged pipes and manholes will be undertaken to remove the identified excessive I/I.

Anticipated Recipient : CHESTER BOROUGH

Project No. : 340876-02 Eligible Project Cost: \$ 1,191,434

FY04 Rank : 440

County : MORRIS Total State Amount : \$ 1,191,434

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission 0.00000

Population 0.00151

TOTAL POINTS 50.00151

Project Name, Number

CHESTER BOROUGH
340876-02
STP, COLLECTION SYSTEM

Priority List Rank

440

County

MORRIS

Existing Population

1,510

Service Area

Borough of Chester

Need for Project

The only means of wastewater treatment/disposal in Borough is via septic systems. These systems are old and experiencing significant rate of failure resulting in pollution problems for the Borough and adjacent municipalities. Funding is necessary to provide treatment to eliminate these conditions.

Project Description

The Borough proposed the construction of a wastewater treatment facility (WWTF) to service the Borough. The project includes the required collection and conveyance system components to eliminate the failing septic-systems.

Anticipated Recipient	:	COMMERCIAL TOWNSHIP		
Project No.	:	340955-01	Eligible Project Cost:	\$ 9,207,328
FY04 Rank	:	441		
County	:	CUMBERLAND	Total State Amount	\$ 9,207,328

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00150
TOTAL POINTS	50.00150

Project Name, Number

COMMERCIAL TOWNSHIP
340955-01
COLLECTION SYSTEM, STP

Priority List Rank

441

County

CUMBERLAND

Existing Population

1,500

Service Area

Port Norris

Need for Project

The commercial industries and marinas along the Maurice River are under consent order to improve their wastewater discharges into the River.

Project Description

A new collection system will be built to replace the current individual treatment systems. The collection system will be composed of approximately 4,800 L.F. of gravity main, 11,900 L.F. force main, and all appurtenances. A new wastewater treatment facility will be constructed.

Anticipated Recipient	:	BAY HEAD BOROUGH		
Project No.	:	340590-02	Eligible Project Cost:	\$ 2,230,279
FY04 Rank	:	442		
County	:	OCEAN	Total State Amount	: \$ 2,230,279

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00134
TOTAL POINTS	50.00134

Project Name, Number

BAY HEAD BOROUGH
340590-02
I/I CORRECTION

Priority List Rank

442

County

OCEAN

Existing Population

1,340

Service Area

Bay Head Borough

Need for Project

The Borough of Bay Head has an old sewerage collection system consisting of clay pipes and lead joints. Cracked pipes and weak joints lead to excessive infiltration/inflow to the existing sanitary sewers. During wet weather, the infiltration/inflow to the system peaks at 0.8 mgd. It is cost effective to perform I/I correction as compared to transporting and treating these extraneous flows at the Ocean County Utilities Authority Wastewater Treatment Facility.

Project Description

At present the project is in Phase II of SSES. This consists of preparatory cleaning and internal TV inspection of 15,281 linear feet and smoke testing of 29,005 linear feet of sewer line. Dye water flooding and dye tracing will be done at the conclusion of smoke testing. In addition, a pilot grouting program of the worst 10 lines will also be undertaken during this phase and the results so obtained will be used in the subsequent work in Phase 3, which will consist of the I/I correction of the remaining lines with excessive infiltration/inflow, grouting of 17 leaking manholes and utilizing manhole inserts to eliminate inflow in 47 manholes. The I/I correction program will remove extraneous flow from this sewer system.

Anticipated Recipient	:	PEMBERTON TOWNSHIP MUA		
Project No.	:	340649-04	Eligible Project Cost:	\$ 1,232,571
FY04 Rank	:	443		
County	:	BURLINGTON	Total State Amount	\$ 1,232,571

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00121
TOTAL POINTS	50.00121

Project Name, Number

PEMBERTON TOWNSHIP MUA
340649-04
SEPTIC MANAGEMENT DISTRICT

Priority List Rank

443

County

BURLINGTON

Existing Population

1,210

Service Area

Pemberton Township

Need for Project

Pemberton is developing a program to correct failing septic systems to improve the community's groundwater and surface water quality and protect residents from exposure to septage.

Project Description

The proposed project includes the creation of a septic management district.

Anticipated Recipient	:	ROOSEVELT BOROUGH		
Project No.	:	340761-02	Eligible Project Cost:	\$ 1,522,661
FY04 Rank	:	444		
County	:	MONMOUTH	Total State Amount	\$ 1,522,661

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00085
TOTAL POINTS	50.00085

Project Name, Number

ROOSEVELT BOROUGH

340761-02

I/I CORRECTION

County

MONMOUTH

Priority List Rank

444

Existing Population

850

Service Area

Borough of Roosevelt

Need for Project

The existing collection system serving the Borough of Roosevelt is very old, and is subject to an extreme amount of I/I. Replacement of the existing sewers will eliminate a portion of excessive I/I in approximately 22,000 LF of collection system serving the Borough.

Project Description

The proposed project will consist of removal and replacement of the existing VTP sanitary lines with new PVC lines to provide for watertight joints and eliminate dips. Aged manholes and portions of house connections will be replaced. Certain manholes will be treated with a bonding agent to seal the internal walls.

Anticipated Recipient	:	TETERBORO BOROUGH		
Project No.	:	340339-01	Eligible Project Cost:	\$ 1,219,513
FY04 Rank	:	445		
County	:	BERGEN	Total State Amount	: \$ 1,219,513

I. APPROVED WATERSHED PLAN

Possible Points	Points Scored
200	0

II. PROJECT DISCHARGE TYPE

	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
Subtotal		50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
Subtotal		0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
Subtotal				0

State Planning Commission	0.00000
Population	0.00002
TOTAL POINTS	50.00002

Project Name, Number

TETERBORO BOROUGH
340339-01
STORMWATER MANAGEMENT

Priority List Rank

445

County

BERGEN

Existing Population

18

Service Area

Teterboro Airport and West Riser Ditch Storm Drainage Systems

Need for Project

The existing pump station was built in 1950 to assist two smaller pump houses which date back to 1917. Currently all three pumps are in operation and the system is in need of repair.

Project Description

The proposed project is to extend the two existing 60-inch diameter storm trunk mains to a new pump house constructed with an emergency generator and a variable speed pumping system. Also included is the abandonment and demolition of the two 1917 pump houses and alterations associated with the riser ditch and bulkhead.

