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# Clean Water Financing

**Priority System, Intended Use Plan, Project  
Priority List and Response Document for  
Federal Fiscal Year 2001**



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

**June 2000**

## **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

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Robert C. Shinn, Jr.  
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### **Final Federal Fiscal Year 2001 (FFY2001) Priority System, Intended Use Plan, Project Priority List and Response Document - Clean Water Financing -**

The New Jersey Department of Environmental Protection (DEP) has completed the development of the Federal Fiscal Year 2001 (FFY2001) Priority System, Intended Use Plan, Project Priority List and Response Document and has received approval from the United States Environmental Protection Agency. The Priority System establishes the ranking methodologies used to qualify projects for low-cost financing through the Clean Water State Revolving Fund (CWSRF) Program. The Intended Use Plan provides a description of the state's plan to use its FFY2001 allotment under the Clean Water Act and other available funds to finance eligible wastewater, stormwater and nonpoint source management projects through the clean water component of the Environmental Infrastructure Financing Program. The Project Priority List identifies those projects which have expressed a desire to receive funding in the next funding cycle.

On March 21, 2000, the DEP held a public hearing on the FFY2001 Priority System proposal to receive comments on the state's ranking methodologies and related policies. The close of the comment period was March 28, 2000. Minor modifications were made to the Priority System, Intended Use Plan and Project Priority List proposal as a result of comments received through the public participation process. A complete discussion of the issues and DEP responses are presented in the Response Document section of this document.

The FFY2001 Priority System document continues to broaden the eligibility of nonpoint source pollution management projects eligible for financing through the State's program. In FFY2000, landfill closure and construction projects were eligible for the first time. With the approval of the FFY2001 Priority System document, land acquisition and conservation, well sealing and remedial action activities are eligible as well, beginning with the 2001 Financing Program (November 2001 loan awards).

We wish to thank all of the project sponsors, consultants and engineers for their comments on the FFY2001 Priority System proposal and those individuals and organizations that have taken the time to assist the DEP with our clean water programs.

If you have any questions about this document or want to know more about the CWSRF program, please contact Nicholas G. Binder, P.E., P.P., Assistant Director, Municipal Finance and Construction Element at (609) 292-8961.

Sincerely,

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

Enclosure

State Fiscal Year 2001 Clean Water Loan Awards

<u>Local Unit</u>	<u>Project No.</u>	<u>Amount</u>	<u>Date of Award</u>
City of Hackensack	S340923-01-1	\$ 978,106	11/09/00
City of Elizabeth	S340942-02	\$ 5,097,630	11/09/00
NE Monmouth County RSA	S340684-04	\$ 48,829,845	11/09/00
Franklin Township SA	S340839-02	\$ 8,402,320	11/09/00
Chatham Township	N92 403-04	\$ 538,694	11/09/00
Swedesboro Borough *	S340292-01	\$ 95,398	11/09/00
City of Newark	N92 815-06	\$ 1,381,328	11/09/00
Long Branch SA	S340336-06	\$ 12,311,126	11/09/00
Camden County MUA	S340640-05	\$ 6,678,630	11/09/00
Collingswood Borough	S340291-01	\$ 1,042,986	11/09/00
South River Borough	S340940-01	\$ 850,000	11/09/00
Stockton Borough	S340962-01	\$ 977,248	11/09/00
Union Beach Borough	S340278-02	\$ 600,000	11/09/00
Edgewater MUA	S340443-04	\$ 1,762,992	11/09/00
Cliffside Park Borough	S340847-02	\$ 1,130,000	11/09/00
Bayonne MUA	S340399-24	\$ 8,901,618	11/09/00
Camden County MUA	S340640-07	\$ 7,003,000	11/09/00
Ocean County UA	S340372-23	\$ 4,383,748	11/09/00
Watchung Borough	S340823-01	\$ 1,745,292	11/09/00
Westwood Borough	S342006-01	\$ 4,927,500	11/09/00
Old Tappan Borough	S340948-03	\$ 3,657,190	11/09/00
Ridgefield Borough	S340394-01	\$ 1,000,000	11/09/00
Plainfield Area RSA	S340949-04	\$ 4,969,776	11/09/00
North Plainfield Borough	S340960-01	\$ 2,168,884	11/09/00
Stafford MUA	S340946-03	\$ 4,367,302	11/09/00
Keansburg Borough	N92 118-02	\$ 2,900,000	11/09/00
South Hackensack Twp.	S340266-01	\$ 1,442,560	11/09/00
	Subtotal	\$ 138,143,173	

\* Swedesboro Borough also received a Hardship Grant in the amount of \$415,900

**State FY 2001 Drinking Water Loan Awards**

<u>Local Unit</u>	<u>Project No.</u>	<u>Awarded Amount</u>	<u>Date of Award</u>
Camden City	0408001-007-1	\$ 438,312	11/09/00
North Jersey Dist. Water SC	1613001-008	\$ 1,242,556	11/09/00
Consumers-NJ-Water Co.	2119001-001/003	\$ 2,319,922	11/09/00
Consumers-NJ-Water Co.	1103001-001	\$ 433,000	11/09/00
Consumers-NJ-Water Co.	0415002-002	\$ 435,000	11/09/00
Essex County UA	0704002-001..5	\$ 2,060,828	11/09/00
Winslow Township	0436007-001/002	\$ 5,575,000	11/09/00
Camden City	0408001-002	\$ 6,532,680	11/09/00
Camden City	0408001-008	\$ 3,102,054	11/09/00
Camden City	0408001-005	\$ 3,164,416	11/09/00
Camden City	0408001-009	\$ 5,472,476	11/09/00
Camden City	0408001-011	\$ 4,590,494	11/09/00
Pennsgrove Water Supply Co.	1707001-001	\$ 335,000	11/09/00
Glen Ridge Borough	0708001-001	\$ 1,680,784	11/09/00
Franklin Borough	1906002-001	\$ 545,000	11/09/00
Borough of Hopatcong	1912001-003/ 006	\$ 659,090	11/09/00
South River Borough	1223001-001/002	\$ 5,275,000	11/09/00
Franklin Township	1808001-002	\$ 1,717,466	11/09/00
Mount Laurel Township MUA	0324001-001	\$ <u>1,878,000</u>	11/09/00
	<b>Sub-Total</b>	<b>\$ 47,457,078</b>	
	<b>Total</b>	<b>\$185,600,251</b>	

- CLEAN WATER FINANCING -  
PRIORITY SYSTEM, INTENDED USE PLAN, PROJECT PRIORITY  
LIST AND REPOSE DOCUMENT FOR FEDERAL FISCAL YEAR 2001

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## LIBRARY INFORMATION CENTERS

### **ATLANTIC COUNTY**

ATLANTIC COUNTY LIBRARY  
2 SOUTH FARRAGUT ROAD  
MAYS LANDING NJ 08330

### **BERGEN COUNTY**

JOHNSON FREE PUBLIC LIBRARY  
275 MOORE STREET  
HACKENSACK NJ 07601

### **BURLINGTON COUNTY**

BURLINGTON COUNTY LIBRARY  
WOODLANE ROAD  
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**

**-Clean Water Financing-  
Priority System, Intended Use Plan, Project Priority List  
and Response Document for Federal Fiscal Year 2001 (FFY2001)**

**OVERVIEW\***

The Water Quality Act of 1987, which amended the Clean Water Act (CWA), required states to establish a Clean Water State Revolving Fund (CWSRF) program to qualify for federal capitalization grants to provide financial assistance for the construction of projects to maintain and improve water quality. The CWSRF program is to be self-perpetuating, whereby loan repayments are used to finance future project needs. New Jersey's CWSRF program was established in 1988 and is administered by the Environmental Infrastructure Financing Program (EIFP). The EIFP also administers 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 for drinking water projects. Under the clean water component of the EIFP, approximately \$1.65 billion has been awarded through 243 loan actions throughout the state. As of May 1, 2000, 151 of the 243 loan actions have been closed out; 92 loans are currently active totalling approximately \$400 million.

This year, the New Jersey Department of Environmental Protection (DEP) and the New Jersey Environmental Infrastructure Trust (Trust) have expanded the existing eligible categories for nonpoint source (NPS) pollution abatement measures in an effort to help communities identify and address this type of pollution. Amendments to the EIFP's regulations are in the adoption process that will identify the new eligible areas and specify the requirements for projects to receive financial assistance. The broader categories include funding for such areas as landfills (for closure activities and new cell construction), land acquisition and conservation, remedial action activities and well sealing. Both landfill closure and new cell construction projects were eligible for financing in 2000. Financing for the other nonpoint source areas will commence this funding cycle in 2001. As in the past, 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 DEP annually 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 document, the DEP submits a final "Priority System, Intended Use Plan, Project Priority List and Response Document" to USEPA for approval. The Priority System describes the ranking methodology for the municipal water pollution control projects that are eligible for state financial assistance under the EIFP. The ranking system continues to give higher priority to projects that address discharges of raw, dilute, or improperly treated sewage during rain events to the state's waters, including projects to abate combined sewer overflows (CSOs) and projects which reduce infiltration and inflow (I/I) from sanitary sewer systems that overflow. CSO abatement projects are very costly and frequently located in urban areas, making the affordability of CSO abatement projects a serious concern. Discharges from combined sewer systems impair water uses and can cause beach and shellfish bed closures. Projects to remediate overflows of sanitary sewage contribute to water

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\* Please note that a list of acronyms and "short" names used in this document appears on page 22 of this document.

quality improvements which, in turn, result in improvements to the health, safety, aesthetic value, and recreational attributes of the state's waters. The Priority System also details the state's policies governing the award of federal grants under the Construction Grants Program; the policies are the same as those adopted in the final FFY2000 PS document.

The IUP provides information on the state's policies governing the clean water component of the EIFP as well as the state's plan to channel all federal funds allotted to the state under the CWA and available to the CWSRF in FFY2001, including deobligated construction grant funds (as may be available) to the DEP-administered Wastewater Treatment Fund (Fund). Together, the DEP and the Trust administer the Financing Program, a low-cost loan program. The Fund loan provides half of the individual project's allowable project cost interest-free and the Trust loan provides the remaining half of the project's allowable cost, through the issuance of bonds secured with CWSRF funds, at market rates. The List identifies projects targeted for financial assistance from the CWSRF in State Fiscal Year 2002 (SFY2002). The FFY2001 PS document is generally in conformance with the FFY2000 PS document. Also included in this document is a section entitled "Sewage Infrastructure Improvement Act (SIIA) Grants Program" that discusses the availability of planning and design grants for CSO abatement and projects which address interconnections and cross-connections of sanitary and stormwater sewer systems.

The DEP's Priority System for FFY2001 includes two items which impact the financial relationship between the CWSRF and the DWSRF. The first item allows the EIFP to extend the coverage scheme that results in AAA ratings for the Trust bonds issued to support clean water projects to the drinking water projects, also known as cross-collateralization. The second item involves the DEP's proposal to transfer funds between the CWSRF and the DWSRF (up to the amount allowed by the federal Safe Drinking Water Act) to provide greater flexibility to the Financing Program to address clean water or drinking water needs in the state. More details on these relationships can be found in section A. of the IUP.

Although federal funds were provided to the CWSRF in FFY2000, the receipt of additional federal funding in FFY2001 and beyond continues to be uncertain since the CWA has not been reauthorized. Loan repayments and state bond proceeds continue to be available to address existing and future wastewater treatment needs in the state. If the CWA is reauthorized as anticipated and/or funds are appropriated, New Jersey will receive necessary additional federal funding to supplement existing monies, which will allow the state to address more fully its significant water quality improvement needs. 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 the CWA reauthorization or applicable federal guidance will necessitate significant changes to the CWSRF and the state's FFY2001 PS document. As such, the DEP issued this document to maintain the financing program schedule. To the extent that the reauthorization requires substantial revisions to the program, the DEP will provide additional public participation opportunities regarding such revisions.

## PRIORITY SYSTEM

### I. Project Priority List — General Information

Placement on the Project Priority List for clean water projects is the first prerequisite to be considered eligible for financial assistance under the EIFP. The applicant has the responsibility of submitting all the required application material in a timely manner.

The List presents the estimated total eligible building costs under the appropriate project category. 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 hearing/public participation program were included on the final FFY2001 List.

As a result of the public hearing and public comments, the DEP has made the appropriate changes to the PS document that are fully discussed in the Response Document. Any significant revisions to the List during the fiscal year will be subject to a public hearing. The DEP does not, however, consider the following revisions to the 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 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 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 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 according to the total number of ranking points each project receives and subsequently places the projects on the List according to their ranking. The projects with the higher number of points rank above those with lesser points. Projects receive points from five categories. They are: Approved Watershed Plan, Project Discharge Type, Water Use/Water Quality, State Planning Commission, and Population. The categories are consistent with the ranking methodology of the FFY2000 PS document, with the addition of new point assignments for the expanded areas of NPS pollution management project types, and are discussed in sections A through E below.

### A. Approved Watershed Plan Points

Watershed planning can 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 construction of identified 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 Type Points

All projects receive ranking points based on project discharge type. Projects qualify for one discharge type representing the major scope of the project. If a project has aspects that can be described by more than one type, the project may be broken into separate projects. Table IA and IB below shows the project discharge types and their ranking points.

**Table IA. Ranking Points Related to Project Discharge Type  
for Wastewater Treatment Facilities**

<b>Project Discharge Type</b>	<b>Description</b>	<b>Points</b>
Combined Sewer Overflow (CSO)	Correction of combined sewer systems and discharge points. Includes 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 I/C abatement projects that address documented water quality impairments.	250
Inadequate Secondary Treatment	Upgrade of a treatment facility or elimination of an existing facility and connection to an alternative treatment facility to meet secondary treatment levels. Also includes I/I correction within the conveyance system, if cost-effective, to allow the treatment plant to meet secondary treatment levels.	200
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
New Systems	Construction of facilities to provide collection and/or conveyance, on-site management, treatment plants, and septage treatment for new flows.	50

**Table IA. Ranking Points Related to Project Discharge Type  
for Wastewater Treatment Facilities**

<b>Project Discharge Type</b>	<b>Description</b>	<b>Points</b>
Overloaded Sewers via Infiltration/Inflow (I/I) Correction	Correction of overloaded conveyance systems that do not experience intermittent overflows as well as correction of I/Cs. Includes rehabilitation, repair, or replacement, as appropriate for the system. Elimination of excess flows allows greater treatment system capacity and operational reliability.	50
Advanced/More Stringent Wastewater Treatment Facilities	Upgrade of secondary facilities for advanced wastewater treatment.	25

**Table IB. Ranking Points Related to Project Type  
for Stormwater and Nonpoint Source Pollution Management**

<b>Project Type</b>	<b>Description</b>	<b>Points</b>
Landfill Closure, 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 (drinking and monitoring). Also included in this category are 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, 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.	25

### C. Water Use/Water Quality Points

Points are assigned for water uses (present and potential) and for existing water quality conditions to projects that improve discharges which adversely impact surface waters. The assignment of points for “public nuisance” are given to on-site system projects where failures have been identified. Table II below shows the breakdown of the ranking points for water use; in general, the highest values are given for projects that discharge to water bodies with potable, recreational, and fishing uses.

**Table II. Ranking Points Related to Water Use (Existing and Potential)**

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

Table III shows the points given 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 Points

The DEP seeks to coordinate and enhance the State Planning Commission's (SPC's) efforts to implement the State Development and Redevelopment Plan. The DEP assigns ranking points to projects in municipalities the SPC has approved under the Center Designation Process. The DEP gives points to distressed municipalities and multi-jurisdictional centers as outlined in Table IV. For a project serving more than one municipality, the SPC points will be included for ranking purposes if the designated center, distressed municipality, or multi-jurisdictional center is a significant component of the overall project. For further information regarding the State Development and Redevelopment Plan, contact the NJ Office of State Planning, Department of Community Affairs, 33 West State Street, 4th floor, PO Box 204; Trenton NJ 08625-0204 or call (609) 292-7156.

**Table IV. Ranking Points Related to State Planning Commission Approvals**

<b>Planning Area</b>	<b>Community Type</b>	<b>Points</b>
1	Urban Centers	7.5
	Regional Centers and Towns	5.0
2	Existing Designated Regional Centers and Towns	7.5
	Planned Regional Centers	5.0
	Existing and Planned Villages	2.5
3	Existing Regional Centers and Towns	7.5
	Existing Villages	2.5
4 & 5	Existing Regional Centers	7.5
	Towns and Existing Villages	2.5
Not Applicable	<b>Distressed Municipality</b> for which the municipality has an endorsed Strategic Revitalization Plan.	10
Not Applicable	<b>Multi-Jurisdictional Center</b> where two or more municipalities have decided to prepare a joint plan for approval as a designated center.	3

**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 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 FFY2001 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**

In addition to the requirements and limitations specified in the CWA and the federal regulations, the

following statements represent policies of the State of New Jersey regarding federal grant awards under the Construction Grants Program:

1. Federal grant funding for new project segments is no longer available.
2. The FFY2001 grant increase application submission deadline is January 5, 2001.
3. Two reserve funds will be established in the FFY2001 PS document. The first is the Reserve for Grant Increases. The second is the Reserve for State Management Assistance (in which the DEP will deposit the maximum amount allowed under the CWA reauthorization and federal policy).
4. Grant amendments will be awarded in FFY2001 to qualifying projects from the Reserve for Grant Increases in accordance with the policies established by the Environmental Protection Agency (EPA) that were adopted in the FFY96 PS document, which are applicable in the Proposed FFY2001 PS document by reference. Please note that the procurement of professional services continues to be subject to the federal requirements contained in 40 *CFR* Part 33 (as of October 1, 1988, 40 *CFR* Part 31) to be considered eligible costs.
5. Deobligated grant funds may be transferred to the SRF program.

### INTENDED USE PLAN

This Intended Use Plan (IUP) provides information on funds available through the EIFP to provide financial assistance for clean water projects in SFY2002. The IUP identifies state policies governing loan awards and 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 FFY2001 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 which are 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 financing 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 FFY2001 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 the DWSRF capitalization grants made to a state from the DWSRF 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 FFY2001, the DEP reserves the right to transfer an amount not to exceed 33 percent of the state's FFY2001 DWSRF capitalization grant (and any sums eligible for, but not transferred, in FFY2000) from CWSRF loan repayments to the DWSRF.

In addition to the potential transfer of funds between the CWSRF and DWSRF, the EIFP 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 EIFP would take steps to collect any obligations resulting in a loan default and reimburse the appropriate drinking water or clean water account.

#### B. Document Submittal Schedules

In order to better manage the large volume of environmental infrastructure projects being processed, the DEP and the Trust have changed the traditional project document submittal deadlines and eliminated the second chance option in FFY2001 and future years. All local government units that have a project or projects listed or eligible for listing on the FFY2001 List must commit to the following schedule to be considered for FFY2001 funding by October 2, 2000. 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. However, 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.

### 2001 Loan Program

Activity	Deadline
Commitment Letter and Planning Documents	October 2, 2000
Design Documents and Loan Application	March 5, 2001
Loan Award	November 2001

The planning and design documents must consist of:

1. A complete project report.
2. The environmental assessment report done at the appropriate level, which is determined by the DEP.
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 I/C 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.

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 FFY2001/SFY2002 and will result in a "BEYOND 2001" designation under the estimated state certification date column on the Priority List.

#### C. Loan Awards

Loan awards for new projects will be made in FFY2001/SFY2002 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 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-effectiveness analysis to accommodate existing needs as well as 20-year reserve capacity. The recipient's financial assistance will generally be 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. However, the program's rules at *N.J.A.C. 7:22-4.36* allow the borrower to apply for a market rate Trust loan to cover incremental costs related to 20-year reserve capacity.

#### 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), design and contract documents must be reviewed and approved by the Municipal Finance and Construction Element (including issuance of authorization to advertise and award contracts for which reimbursement is sought). 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 should be aware that a goal of not less than 10 percent of the costs for construction, materials or services for a project must be awarded 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 FFY2001. 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 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 includes 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 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.

The Financing Program included landfill closure and landfill construction projects in the FFY2000 Financing Program for the first time. 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. In general, 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.

The FFY2001 Financing Program builds on the areas added to NPS management in FFY2000 and include the water quality aspects of land acquisition and conservation, remedial action activities and well sealing projects as described below:

**Land Acquisition and Conservation** - Land acquisition and conservation can complement other water quality initiatives in various ways, such as 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.

Further details on the procedural requirements for the new project areas can be found in N.J.A.C. 7:22, the Financing Program rules.

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

In 1988, the New Jersey Legislature passed a bill to establish 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 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 many of the projects certified by the DEP do not use CWSRF funds and qualify under the criteria to bank monies toward the specific requirements, at least a portion of the state monies may be requested to be qualified as bankable 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 and 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.

<b>FFY2001 Financing Program Schedule for Clean Water Projects</b>	
<b>Date</b>	<b>Action</b>
As soon as possible (but before October 2, 2000)	Prospective applicants attend a preplanning meeting with DEP - MF&CE representatives.
March 21, 2000	Public hearing on Proposed FFY2001 PS document.
March 28, 2000	1. Close of comment period. 2. Project Health Hazard (PHH) bypass requests due.
October 2, 2000	FFY2001 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, 2001	DEP/Trust submits list of projects (based on Priority System ranking methodology) to Legislature for forthcoming State Fiscal Year.
March 5, 2001	FFY2001 applicants submit design and complete loan application.
(on or before) May 15, 2001	Financial Plan for State Fiscal Year 2002 submitted by DEP/Trust to Legislature.
July 1, 2001	1. Legislature acts on Financial Plan. 2. DEP/Trust transmit draft loan agreements to qualifying applicants.
(on or about) September 15, 2001	1. Trust financial transactions completed. 2. Execute DEP/Trust loan agreements in escrow.
November 2001	DEP/Trust loan closing with FFY2001 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. Inclusion in this document of this discussion and the SIIA application deadlines (February 7, 2001, for the planning and design of CSO construction projects and December 15, 2001, for the planning of I/C construction projects) takes 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 7, 2001, 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 Office of Environmental Planning 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, 2001.

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



RESPONSE DOCUMENT FOR THE MARCH 21, 2000 PUBLIC HEARING  
REGARDING THE PROPOSED FFY2001 PRIORITY SYSTEM DOCUMENT

Public Participation Activity Purpose

On March 21, 2000 at 10:00 a.m., the New Jersey Department of Environmental Protection (Department) held a public hearing at the offices of the New Jersey Environmental Infrastructure Trust in Lawrenceville, New Jersey. The purpose of the hearing was to solicit public comments on the Department's Proposed Priority System, Intended Use Plan and Project Priority List which addresses the use of federal monies anticipated to be authorized to the State of New Jersey in Federal Fiscal Year 2001 (FFY2001) and other monies available for clean water projects under the Environmental Infrastructure Financing Program, a state revolving loan fund.

Background

The Project Priority List is a schedule of projects in the state, in priority order, that are eligible to receive financial assistance (i.e., state loans) for the construction of municipal wastewater treatment facilities and stormwater/nonpoint source (NPS) management projects. Funding is available from two sources: Clean Water State Revolving Fund (CWSRF) monies (which includes the federal CWSRF capitalization grant, the required 20 percent state match, CWSRF loan repayments and any interest earned thereon) and state-only or non-SRF monies (which includes funds available from the Wastewater Treatment Bond Act of 1985, the Stormwater Management and Combined Sewer Overflow Abatement Bond Act of 1989, the Green Acres, Clean Water, Farmland and Historic Preservation Bond Act of 1992, repayments from previous years' non-SRF loans and other state sources). The priority of any particular project is established by the methodologies and criteria contained in the Priority System. The Priority System also establishes general state policies that will govern the award of federal grants in FFY2001 and state loans in State Fiscal Year 2002 (SFY2002). Those projects whose sponsor indicated their intent to comply with the project document submittal deadlines identified in the Proposed FFY2001 Priority System, Intended Use Plan and Project Priority List are initially eligible to receive state loans in SFY2002. State loans will be made to the highest ranked projects subject to their ability to comply with the project document submittal requirements and deadlines and the availability of funds in SFY2002. Grant and loan increases that are awarded in FFY2001 and SFY2002, respectively, will be based on the low bid building costs for those projects which previously received federal grants or state loans. The Intended Use Plan includes information on the timing, use, and distribution of federal funds anticipated to be made available to New Jersey (through a CWSRF capitalization grant) and monies available through CWSRF loan repayments under the state's Clean Water Financing Program.

Public Participation Process

The Clean Water Act and its amendments require the United States Environmental Protection Agency (USEPA) and the states to provide for and encourage public participation in the Construction Grants Program and the federally-supported CWSRF Program. In New Jersey, the CWSRF is a component of the Clean Water Financing Program. In accordance with the federal rules, the requirement for public participation also applies to the development and/or major revision(s) of the state's Priority System, Intended Use Plan and Project Priority List. In keeping with the public participation requirements, and in recognition of the significance of the FFY2001 Priority System, Intended Use Plan and Priority List proposal, the Department desired extensive involvement with the public.

Public notice of the March 21, 2000 hearing consisted of a two part mailing to municipalities, consulting

engineers, environmental commissions, special interest groups, state legislators, county health departments, environmental groups, county planning boards and commissions and other interested parties. The first mailing was an October 22, 1999 notice scheduling the hearing and identifying the close of the public comment period as March 28, 2000.

The second notice, sent on February 7, 2000, included the Proposed FFY2001 Priority System, Intended Use Plan and Project Priority List. An additional document, consisting of the above information as well as specific project ranking worksheets and the project descriptions, was delivered to various libraries in the state (one in each county) and was available to the public for review. The February 7, 2000 notice included a listing of those libraries which received the project narrative/ranking worksheet document.

Both the October 22, 1999 and February 7, 2000 public notices satisfy the 45-day notice period for public hearings and the 30-day requirement for availability of relevant documents for the public's review in accordance with applicable federal rules.

The public hearing was chaired by Theresa Fenton, Chief, Bureau of Program Development and Technical Services in the Municipal Finance and Construction Element (MF&CE), who presented information relevant to the FFY2001 Priority System, Intended Use Plan and Project Priority List proposal. The remaining time was allocated for public comment and questions. The participants attending or submitting comments were generally representative of those segments of the population to be affected by the Department's action in implementing the Proposed Priority System, Intended Use Plan and List. A transcript of the hearing is available to any interested person or organization on a request basis from the transcription services. In addition, copies of the transcripts may be reviewed at the MF&CE's offices in Trenton upon request.

#### Proposed FFY2001 Priority System, Intended Use Plan and Project Priority List

The Priority System project ranking criteria continues to place primary emphasis on the water use/water quality impacts that are associated with an existing discharge or project need. As in the past, eligible project costs continue to be limited based on the low (responsive and responsible) contractor's bid building cost. Federal grant increases which may be awarded in FFY2001 will be at the 55 percent funding level (and may include a 20 percent bonus for innovative/alternative (I/A) technologies) for eligible project costs based on the low bid building cost and provided sufficient grant funds are available.

The Priority System/Intended Use Plan/Project Priority List package includes information on clean water financing through the New Jersey Environmental Infrastructure Financing Program. The Financing Program offers local government units a loan package consisting of a Department-administered Fund loan and a New Jersey Environmental Infrastructure Trust loan. The Trust is an innovative financing vehicle initially capitalized by \$40 million in state general obligation bonds, with the ability of "leveraging" funds to increase the amount of available monies for project funding. The New Jersey Environmental Infrastructure Trust Act and the Wastewater Treatment Bond Act of 1985 together provide the legislative framework for this program. The Intended Use Plan details New Jersey's intent to enter into CWSRF capitalization grant agreements with USEPA to provide additional capital to the Fund and continue the progress made in the past in addressing the state's water quality deficiencies.

The Trust and the Fund act together with each entity providing a portion of a local government unit's total loan for a project. The blending of interest rates for the combined loans for the Trust and Fund means that the resultant interest rates will equal approximately 50 percent of the market rate. These loans will generally be made for 20 years and for 100 percent of the allowable project costs.

## SUMMARY OF PUBLIC ISSUES AND RESPONSES

### COMMENT

One commenter recommended that a program be established which would advance the planning and design allowance to project sponsors since such a program would serve as an incentive for them to proceed with the implementation of an eligible project under the Environmental Infrastructure Financing Program.

### RESPONSE

The Department has concerns related to providing up-front monies for planning and design efforts under this program. Of particular concern is that providing these funds will not ensure that the projects identified on the Priority List are actually built. Thus, the limited available funds in the program could be used for planning efforts that may not result in the construction of water quality improvement projects. The Department and the Trust have and will continue to explore various improvements to enhance the program's financial incentives.

### COMMENT

One commenter recommended that projects subject to low bid adjustments receive credit for Fund loan repayments on the front end of repayment schedule instead of holding the credits until the end of the loan repayment period, shortening the overall Fund loan term.

### RESPONSE

In accordance with the Fund loan agreements, once all project-related contracts have been awarded, the Fund loan amount is re-established based on the actual low bid building cost of the project's contracts. If the low bid-based allowable cost is less than the initial Fund loan amount, the funds are recovered by the Department (and can be used to finance future projects) and a new Fund loan repayment schedule is issued that reduces the total Fund loan repayments accordingly beginning with the final Fund loan repayment. The Trust loan works the opposite way whereby credits due to low bid adjustment are made in the initial years of the Trust loan repayment schedule since the Trust cannot otherwise use recovered funds for future projects as a result of their bond structure. While the Department understands the desire to delay the beginning of the loan repayment process, the Program's financial structure serves several purposes. This arrangement (1) allows funds recovered by the Department to be used for projects in a current funding cycle and does not encumber the funds for the 20 year Fund loan term, (2) ensures that the Fund loan repayments are compatible with the Trust loan repayments to provide adequate coverage to secure the Trust bonds (resulting in a higher bond rating, a lower interest rate and a lower cost to future participants) and (3) provides some relief to recipients that receive credit due to the low bid adjustment in that the Trust loan repayments are excused in the initial year(s) of the Trust loan term. Although no change in the current structure is likely in the short term, the Department and the Trust will continue to examine potential alternatives to this situation in the future.

## PROJECT SPECIFIC COMMENTS

\* Lambertville SA requested that its two projects on the priority list, 340882-01 and 340882-03, be removed from the list since the Authority has no plans to pursue either project in the future.

\* The following projects were removed from the List since they were funded in 1999:

<u>Project Number</u>	<u>Project Sponsor</u>
S340632-06	Randolph Township
S340287-01	Oaklyn Borough
S340397-02	Ewing Township
S340688-03	Village of Ridgefield Park
S340928-01	Jersey City MUA
S340399-08	Bayonne MUA
S340341-04	Town of Harrison
S340948-02	Old Tappan Borough
S340689-07	Passaic Valley SC
S340949-03	Plainfield Area RSA
S340921-03	City of Millville
S340945-07	Old Bridge MUA
S340841-02	River Edge Borough
S340274-02	Pine Hill Borough MUA
S340363-01	Runnemede SA
N92 311-01	Ship Bottom Borough
N92 665-02	Longport Borough
S340283-01	Township of Maplewood

\* The following projects have been added to the Project Priority List:

<u>Project Number</u>	<u>Project Sponsor</u>
340399-25	Bayonne MUA
340701-08	West Milford Township MUA
340375-01	Hainesport Township

\* Many governmental organizations have requested minor revisions to their respective projects' estimated costs and/or minor revisions to the project scopes. These changes have been made and are reflected in the FFY2001 Priority List and project descriptions.

RESPONDENTS TO THE PROPOSED FEDERAL FISCAL YEAR 2001 PRIORITY SYSTEM, INTENDED USE PLAN AND PROJECT PRIORITY LIST

West Milford Township MUA  
Hainesport Township  
Bayonne MUA  
Monmouth County Board of Chosen Freeholders  
Lambertville SA

Lee T. Purcell, on behalf of Lee T. Purcell, Inc.  
(Consulting Engineers)

**PRIORITY LIST**

## FINAL FEDERAL FISCAL YEAR 2001 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		BEYOND01
2	340488-03 HOPATCONG BOROUGH				54,160				68,786		BEYOND01
3	340349-03 PENNSAUKEN TOWNSHIP					1,400	2,600		5,308		BEYOND01
4	340384-05 MUSCONETCONG SA	13,000	3,000		6,000				28,088		BEYOND01
5	340638-04 BRIDGEWATER TOWNSHIP			1,054					1,465		BEYOND01
6	340781-04 RARITAN BOROUGH			250					360		BEYOND01
7	340747-05 JEFFERSON TOWNSHIP				14,922				19,158		T 010730
8	340835-01 ORADELL BOROUGH			204					295		BEYOND01
9	340547-06 RAHWAY VALLEY SA	875							1,225	1,225	T 000730
10	340701-03 WEST MILFORD TWP MUA			968					1,353		T 010730
11	340768-03 BERGEN COUNTY UA					12,948			16,647		BEYOND01
12	340418-03 OAKLAND BOROUGH		7,000		21,760				36,522		BEYOND01
13	340495-03 SPARTA TOWNSHIP	1,470	637						2,853		BEYOND01
14	340928-02 JERSEY CITY MUA					13,000			16,713	16,713	T 000730

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors &amp; 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

## FINAL FEDERAL FISCAL YEAR 2001 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	340942-02 ELIZABETH CITY					11,610			14,322		T 000730
16	340699-05 MIDDLESEX COUNTY UA	179,409							224,459		BEYOND01
17	340399-09 HUDSON COUNTY UA (HOBOKEN)					10,846			14,038		BEYOND01
18	340952-01 HOBOKEN/UNION CITY/WEEHAWKEN SA					78,200			98,564		BEYOND01
19	340299-04 LINDEN-ROSELLE SA				4,199	5,044			12,027		BEYOND01
20	340259-02 KEARNY TOWN					3,000			3,997	3,997	BEYOND01
21	340639-05 RIDGEWOOD VILLAGE				1,520				2,075		BEYOND01
22	340847-02 CLIFFSIDE PARK BOROUGH					1,048			1,458		T 000730
23	340810-03 LOWER TOWNSHIP MUA		2,333						3,135		BEYOND01
24	340443-04 EDGEWATER MUA					1,630			2,223		T 000730
25	340854-02 GUTTENBERG TOWN					280			376	376	BEYOND01
26	340964-01 WARREN TOWNSHIP SA	3,000							3,997		BEYOND01
27	340430-02 PASSAIC VALLEY SC					79,793			100,557		BEYOND01
27	340689-01 PASSAIC VALLEY SEWERAGE	245,000							309,092		BEYOND01

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
27	340689-03 PASSAIC VALLEY SEWERAGE	50,160							63,424		BEYOND01
30	340815-05 NEWARK CITY					37,000			46,893		BEYOND01
31	340926-01 PATERSON CITY					9,699			12,614		T 000730
32	340699-03 MIDDLESEX COUNTY UA	285,613							363,247		BEYOND01
33	340399-24 BAYONNE MUA					8,000			10,426	10,426	T 000730
34	340503-03 SUSSEX COUNTY MUA (POCHUCK)	4,080	1,020		3,320				10,967		BEYOND01
35	340636-04 POMPTON LAKES BOROUGH MUA		770	110					1,232		BEYOND01
36	340463-06 MEDFORD LAKES BOROUGH		3,105						4,135		BEYOND01
37	340453-03 WARREN CO-PAULINSKILL/BLAIRSTOWN	595	411		911				2,607		BEYOND01
38	340747-04 JEFFERSON TOWNSHIP (ROCKAWAY)				4,932				6,526		BEYOND01
39	340275-01 RIVERTON BOROUGH	649							914		BEYOND01
40	340832-01 HOWELL TWP MUA				4,435				5,877		BEYOND01
41	340640-07 CAMDEN COUNTY MUA		4,200						5,570	5,570	T 000730
42	340747-02 JEFFERSON TOWNSHIP	1,428							1,952		BEYOND01

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**STATE OF NEW JERSEY**  
**FINAL FEDERAL FISCAL YEAR 2001 PROJECT PRIORITY LIST**

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
43	340925-01 WRIGHTSTOWN (WRIGHTSTOWN MUA)	2,000	900						3,866		BEYOND01
44	340935-01 MANSFIELD TOWNSHIP	700	300						1,396		BEYOND01
45	340336-03 LONG BRANCH SA	644			481				1,553		BEYOND01
46	340386-04 BERGEN COUNTY UA		68,569						86,505		BEYOND01
47	340399-20 HUDSON COUNTY UA (N.B.-CENTRAL)	5,000	15,000						25,607		BEYOND01
48	340898-01 HAMILTON TOWNSHIP		8,830						10,686		BEYOND01
49	340362-03 HARRISON TOWNSHIP		3,325						4,424		T 000730
50	340372-22 OCEAN COUNTY UA	22,050							28,150	28,150	BEYOND01
51	340372-24 OCEAN COUNTY UA	14,000							17,986	17,986	BEYOND01
52	340809-08 ATLANTIC COUNTY UA	1,196							1,641		BEYOND01
52	340809-09 ATLANTIC COUNTY UA	2,000							2,718	2,718	BEYOND01
54	340372-23 OCEAN COUNTY UA	9,000		2,500					14,834	14,834	T 000730
55	340684-04 NORTHEAST MONMOUTH COUNTY RSA	35,000		500					45,006		T 000730
56	340463-05 EVESHAM MUA (WOODSTREAM)	2,550	52	102	2,713				7,132		BEYOND01

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
57	340639-03 RIDGEWOOD VILLAGE		16,200						20,783		T 010730
58	340941-01 SUSSEX COUNTY MUA		5,000						6,614		BEYOND01
59	340463-04 MEDFORD TOWNSHIP	2,000	10,000	3,000	500				19,893		BEYOND01
60	340870-02 PENNSVILLE SA		1,200		4,281				7,211		BEYOND01
61	340526-06 GLOUCESTER CO UA (GIBBSTOWN)	1,122	561						2,294		BEYOND01
62	340965-01 ALLOWAY TOWNSHIP/QUINTON				7,640				9,963		BEYOND01
63	340738-03 WYCKOFF TOWNSHIP				11,220				14,494		BEYOND01
64	340917-01 DELAWARE TOWNSHIP MUA		800	300					1,522		BEYOND01
65	340652-01 NORTH BERGEN TOWNSHIP/HUDSON CO				2,800	200			3,997		BEYOND01
66	340823-01 WATCHUNG BOROUGH				1,457				1,992		T 000730
67	340780-03 WANAQUE VALLEY RSA	2,000							2,718		BEYOND01
68	340518-04 BUENA BOROUGH MUA	1,500							2,049		BEYOND01
69	340689-06 PASSAIC VALLEY SEWERAGE	50,000							63,223		BEYOND01
70	340638-03 BRIDGEWATER TOWNSHIP			52	1,615				2,273		BEYOND01

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**STATE OF NEW JERSEY**  
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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
71	340900-01 HUDSON COUNTY UA (AREA I)				21,091				26,962		BEYOND01
72	340366-02 CAMDEN CITY	470							667		BEYOND01
73	340915-02 HIGHTSTOWN BOROUGH	569							804		BEYOND01
74	340820-03 LONG BRANCH SA	2,824							3,766		BEYOND01
75	340781-03 RARITAN BOROUGH				387				551		BEYOND01
76	340683-05 PASSAIC VALLEY SC	105,400							132,505		BEYOND01
77	340686-03 ESSEX-UNION JOINT MEETING	15,000							19,257		BEYOND01
78	340686-02 ESSEX-UNION JOINT MEETING	13,420							17,248		BEYOND01
79	340687-05 BERGEN COUNTY UA	29,802							37,834		BEYOND01
80	340640-06 CAMDEN COUNTY MUA	68,350							86,231		BEYOND01
81	342007-01 BURLINGTON COUNTY BOARD OF							4,470	5,923	5,923	T 010730
82	340818-04 BURLINGTON COUNTY BOARD OF	7,781							10,144		BEYOND01
83	340322-02 PASSAIC VALLEY WATER COMMISSION	4,000							5,128	5,128	BEYOND01
84	340399-15 HUDSON COUNTY UA	15,603							20,024		BEYOND01

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85	340547-05 RAHWAY VALLEY SA	3,356							4,464		BEYOND01
86	340809-05 ATLANTIC COUNTIES UTILITIES	2,140							2,895		BEYOND01
86	340405-04 ATLANTIC COUNTY UA	15,275							19,607		BEYOND01
88	342008-01 SUSSEX COUNTY MUA							1,800	2,451	2,451	BEYOND01
89	340821-03 ROCKAWAY VALLEY REG SA	12,531							16,116		BEYOND01
90	340886-01 PARSIPPANY-TROY HILLS TWP	1,001							1,398		BEYOND01
91	340661-06 CAPE MAY COUNTY MUA	9,457							12,302		BEYOND01
92	340400-04 STONY BROOK REGIONAL SA	8,095							10,549		BEYOND01
93	340390-05 WANAQUE VALLEY REG SA	10,000	6,000	1,000	3,000				25,607		BEYOND01
94	340929-01 WAYNE TOWNSHIP				1,360				1,861		BEYOND01
95	340839-02 FRANKLIN TOWNSHIP SA				6,236				8,151	8,151	T 000730
96	342005-01 LINDEN CITY							7,267	9,482	9,482	BEYOND01
97	342003-01 EVESHAM TOWNSHIP							2,200	3,055	3,055	T 000730
98	340895-02 WINSLOW TWP				2,003				2,722		BEYOND01

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**STATE OF NEW JERSEY**  
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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
98	340895-06 WINSLOW TOWNSHIP				2,900				3,866	3,866	T 000730
100	340819-02 MT HOLLY SA	3,920							5,203		BEYOND01
101	340304-01 FREEHOLD TOWNSHIP				3,678				4,886	4,886	BEYOND01
102	340526-03 GLOUCESTER CO UA (MONROE)	1,310	562		281				2,911		BEYOND01
103	340897-01 SOUTH BRUNSWICK TOWNSHIP				896				1,254		BEYOND01
104	340478-05 ROCKAWAY TOWNSHIP	5,549			8,077				17,510		BEYOND01
105	340883-01 ASBURY PARK CITY	527							746		BEYOND01
106	340931-02 MONTVILLE TOWNSHIP MUA				12,820				16,484		BEYOND01
107	340650-03 MANCHESTER TWP				6,872				8,972		BEYOND01
108	340382-02 BERNARDS TOWNSHIP SA				380				542		BEYOND01
109	340461-04 GLOUCESTER COUNTY UA (FRANKLIN)				5,481				7,211		BEYOND01
110	340418-05 OAKLAND BOROUGH				32,200				40,854		BEYOND01
111	340745-02 VERNON TWP				5,050				6,677		BEYOND01
112	340434-02 WANAQUE BOROUGH				212				306		BEYOND01

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
113	340592-03 MAHWAH TOWNSHIP			182	6,862				9,194		BEYOND01
114	342006-01 WESTWOOD BOROUGH							4,000	5,308	5,308	T 000730
115	340760-03 WANTAGE TWP				402				572		BEYOND01
116	340403-04 CHATHAM TOWNSHIP				900				1,259		T 000730
116	340403-05 CHATHAM TOWNSHIP	500							708	708	BEYOND01
118	340909-01 UPPER SADDLE RIVER, BOROUGH OF				991				1,384		BEYOND01
119	340404-05 LONG HILL TWP				11,221				14,495		BEYOND01
120	340944-01 CHESTERFIELD TOWNSHIP	5,200	1,710		7,000				17,883		BEYOND01
121	340650-05 MANCHESTER TOWNSHIP				10,644				13,791		BEYOND01
122	340705-03 CARLSTADT SA				4,026				5,342		BEYOND01
123	340805-02 MILFORD BOROUGH	2,604		456					4,076		BEYOND01
124	340607-03 PLUMSTED TWP MUA	2,000	1,850		9,100				16,278		BEYOND01
125	340737-01 MAHWAH TOWNSHIP	158							230		BEYOND01
126	340759-02 SUSSEX CO.	5,900	0		0				7,725		BEYOND01

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**STATE OF NEW JERSEY**  
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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
127	342004-01 FAIRFIELD TOWNSHIP							1,200	1,645	1,645	BEYOND01
128	340489-03 WHARTON BOROUGH				421				599		BEYOND01
129	340790-02 BERLIN TOWNSHIP				600				847		BEYOND01
130	340742-02 FRANKFORD TWP				2,007				2,727		BEYOND01
131	340568-02 BLAIRSTOWN TWP				1,092				1,512		BEYOND01
132	340945-04 OLD BRIDGE MUA				25,990				33,032		BEYOND01
133	340466-03 DENVERVILLE TOWNSHIP				14,176				18,210		BEYOND01
134	340948-03 OLD TAPPAN BOROUGH				2,951				3,933	3,933	T 000730
135	340927-03 HAMMONTON TOWN				3,752				4,983		BEYOND01
136	340729-01 RIVERDALE BOROUGH				1,273				1,744		BEYOND01
137	340473-01 RIVERDALE BOROUGH				3,265				4,345		BEYOND01
138	340592-06 MAHWAH TOWNSHIP			275	3,896				5,532		BEYOND01
139	340778-03 WEST PATERSON BOROUGH				1,488				2,033		T 010730
140	340292-01 SWEDESBORO BOROUGH				375				536	536	T 000730

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		Cat 1	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7			
141	340838-01 EVESHAM MUA	2,747							3,665		BEYOND01
142	340946-02 STAFFORD MUA				6,100				7,975		BEYOND01
143	340487-02 KINNELON BOROUGH				7,641				9,964		BEYOND01
144	340872-01 HOPE TOWNSHIP	356							508		BEYOND01
145	342002-01 ESTELL MANOR CITY							880	1,232	1,232	BEYOND01
146	340480-06 PEQUANNOCK TOWNSHIP				7,152				9,333		BEYOND01
147	340930-01 WASHINGTON TOWNSHIP				2,496				3,335		BEYOND01
148	340650-06 MANCHESTER TOWNSHIP				2,500				3,340		BEYOND01
149	340875-01 VOORHEES TOWNSHIP				6,510				8,505		T 010730
150	340485-04 RARITAN TOWNSHIP MUA	6,570							8,583		BEYOND01
151	340619-03 UPPER TWP (STRATHMERE)				1,707				2,326		BEYOND01
152	340480-05 PEQUANNOCK TOWNSHIP				4,838				6,403		BEYOND01
153	340740-02 BRANCHVILLE BOROUGH				1,900				2,584		BEYOND01
154	340961-01 SOUTHAMPTON TOWNSHIP				1,806				2,459		BEYOND01

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

Cat 1 - Secondary/Sludge/Septage Treatment

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Cat 5 - Correction of Combined Sewer Overflows

Cat 3 - Sewer System Rehabilitation

Cat 6 - Stormwater Management

**STATE OF NEW JERSEY**  
**FINAL FEDERAL FISCAL YEAR 2001 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			
155	340892-02 GALLOWAY TOWNSHIP				4,300				5,700		BEYOND01
156	340959-02 NORTH ARLINGTON BOROUGH				500				708		BEYOND01
157	340831-01 SHAMONG TWP	1,988							2,702		BEYOND01
158	340271-01 MILLSTONE BOROUGH				2,500				3,340		BEYOND01
159	340836-01 PLAINSBORO TOWNSHIP				1,530				2,089		BEYOND01
159	340626-04 WEST WILDWOOD BOROUGH				37				55	55	BEYOND01
161	340839-01 FRANKLIN TWP SA				1,154				1,589		BEYOND01
162	340918-01 CLAYTON BOROUGH(SILVER LAKE)				490				696		BEYOND01
163	340870-01 PENNSVILLE SA				1,581				2,157		BEYOND01
164	340833-01 BUENA BOROUGH MUA	509							721		BEYOND01
165	340480-03 PEQUANNOCK TOWNSHIP				1,200				1,645		BEYOND01
166	340594-02 LINCOLN PARK BOROUGH				3,189				4,245		BEYOND01
167	340945-01 OLD BRIDGE MUA				1,385				1,894		BEYOND01
168	340957-01 FAIRFIELD TOWNSHIP				400				570		BEYOND01

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## FINAL FEDERAL FISCAL YEAR 2001 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	340433-08 WOODBRIAGE TOWNSHIP				25				36		BEYOND01
170	342007-02 BURLINGTON COUNTY BOARD OF							9,200	11,971	11,971	T 010730
171	342001-01 ATLANTIC COUNTY UA							5,730	7,517	7,517	T 000730
172	342008-02 SUSSEX COUNTY MUA							5,000	6,614	6,614	T 010730
173	340892-03 GALLOWAY TOWNSHIP				400			6,500	9,008	9,008	BEYOND01
174	340815-06 NEWARK CITY			1,575					2,149	2,149	T 000730
175	340850-01 PATERSON CITY			22,136					28,256		BEYOND01
176	340641-01 CAMDEN CITY			105					165		BEYOND01
177	340366-03 CAMDEN CITY			15					22		BEYOND01
178	340437-03 NEW BRUNSWICK CITY				1,830				2,491		BEYOND01
179	340258-01 CAPE MAY CITY				250				360		BEYOND01
180	340864-01 AVALON BOROUGH		310	796					1,530		BEYOND01
181	340722-01 STONE HARBOR BOROUGH			178					258		BEYOND01
182	340336-05 LONG BRANCH SA			1,000					1,396		BEYOND01

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**STATE OF NEW JERSEY**  
**FINAL FEDERAL FISCAL YEAR 2001 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			
182	340336-06 LONG BRANCH SA			11,340					14,640	14,640	T 000730
184	340376-04 MORRISTOWN TOWN			6,600					8,621		BEYOND01
185	340889-01 DOVER TOWN			664					935		BEYOND01
186	340360-01 METUCHEN BOROUGH			2,800					3,734		BEYOND01
187	340394-01 RIDGEFIELD BOROUGH			440					626		T 000730
188	340634-03 BLOOMINGDALE BOROUGH				2,842				3,790		BEYOND01
189	340921-04 MILLVILLE CITY			5,350	1,200				8,557		BEYOND01
190	340680-05 MIDDLESEX COUNTY UA	1,018							1,419		BEYOND01
191	340399-25 BAYONNE MUA				4,674				6,190	6,190	T 010730
192	340637-04 MIDDLESEX COUNTY UA			15,618					20,043		BEYOND01
193	340768-02 BERGEN COUNTY UA			12,184					15,673		BEYOND01
194	340709-02 CAMDEN COUNTY MUA			12,184					15,673		BEYOND01
195	340817-02 MT HOLLY SA	1,102							1,525		BEYOND01
196	340806-03 PARSIPPANY-TROY HILLS TWP		246						354		BEYOND01

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## FINAL FEDERAL FISCAL YEAR 2001 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	340547-03 RAHWAY VALLEY SA			4,482					5,938		BEYOND01
198	340809-10 ATLANTIC COUNTY UA			3,175					4,227	4,227	BEYOND01
199	340902-01 GLOUCESTER COUNTY UA	3,723							4,945		BEYOND01
200	340801-03 SOMERSET-RARITAN VALLEY SA	1,054							1,465		BEYOND01
201	340949-04 PLAINFIELD AREA RSA			4,200					5,570	5,570	T 000730
202	340756-02 ROCKAWAY VALLEY REG SA			4,482					5,938		BEYOND01
203	340700-06 NORTHWEST BERGEN CO UA			6,076					7,944		BEYOND01
204	340843-01 EAST ORANGE CITY			1,903					2,588		BEYOND01
205	340844-01 CLIFTON CITY			11,444					14,766		BEYOND01
206	340949-02 PLAINFIELD, N. PLAINFIELD, DUNELLEN			4,500					5,962		BEYOND01
207	340433-04 WOODBRIIDGE TOWNSHIP			807					1,132		BEYOND01
208	340448-04 BRICK TOWNSHIP MUA			1,300					1,780	1,780	T 000730
209	340949-01 PLAINFIELD, N. PLAINFIELD, DUNELLEN			1,025					1,428		BEYOND01
210	340804-03 SALEM COUNTY BD OF CHOSEN	5,162							6,816		BEYOND01

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**STATE OF NEW JERSEY**  
**FINAL FEDERAL FISCAL YEAR 2001 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	340845-01 PASSAIC CITY			4,018					5,331		BEYOND01
212	340364-01 GLOUCESTER TOWNSHIP MUA			1,100					1,540		BEYOND01
212	340364-02 GLOUCESTER TOWNSHIP MUA			3,000					3,997	3,997	BEYOND01
214	340700-05 NORTHWEST BERGEN CO UA	1,683							2,294		BEYOND01
215	340293-01 UNION TOWNSHIP			148					216	216	T 010730
216	340393-07 WAYNE TOWNSHIP			1,500					2,049		BEYOND01
217	340377-02 SOUTH MONMOUTH RSA			8,900					11,585	11,585	BEYOND01
218	340410-04 NEPTUNE TWP SA			3,369					4,481		BEYOND01
219	340865-01 WEST ORANGE TOWNSHIP			8,466	847				12,117		BEYOND01
220	340832-02 MANASQUAN RIVER REG SA				3,467				4,610		BEYOND01
221	340837-01 MONTCLAIR TOWN			1,434		95			2,088		BEYOND01
222	340282-01 HOPEWELL TOWNSHIP				18,685				23,940		BEYOND01
223	340969-01 BERKELEY TOWNSHIP			2,000					2,718		BEYOND01
224	340954-01 CHERRY HILL TOWNSHIP			456	456				1,276		BEYOND01

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## FINAL FEDERAL FISCAL YEAR 2001 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	340259-03 KEARNY MUA			563					796	796	T 010730
226	340853-01 FORT LEE BOROUGH			481					682		BEYOND01
227	340859-01 ORANGE CITY			685					964		BEYOND01
228	340649-02 PEMBERTON TOWNSHIP MUA	5,000		3,500	1,500				13,800		BEYOND01
229	340895-01 WINSLOW TWP				1,473				2,013		BEYOND01
229	340895-04 WINSLOW TOWNSHIP (CEDAR BROOK)				3,000				3,997	3,997	BEYOND01
229	340895-05 WINSLOW TOWNSHIP (W. ATCO)				3,600				4,852	4,852	BEYOND01
232	340769-02 BERGEN COUNTY UA (TRIBORO)			1,150					1,584		BEYOND01
233	340639-07 RIDGEWOOD VILLAGE	2,189		2,375					6,046		BEYOND01
234	340858-01 CRANFORD TOWNSHIP			443					629		BEYOND01
235	340715-03 MADISON-CHATHAM JOINT MEETING			553					782		BEYOND01
236	340550-04 CUMBERLAND COUNTY UA	1,300		500					2,451	2,451	T 010730
237	340866-01 SOUTH BRUNSWICK TOWNSHIP			260					374		BEYOND01
238	340968-01 HAZLET TOWNSHIP			400					570		BEYOND01

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**STATE OF NEW JERSEY**  
**FINAL FEDERAL FISCAL YEAR 2001 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	340443-05 EDGEWATER BOROUGH			2,301					3,091		BEYOND01
240	340906-03 HILLSIDE TOWNSHIP			791					1,110		BEYOND01
241	340945-05 OLD BRIDGE MUA			1,750					2,384		BEYOND01
242	340632-07 RANDOLPH TOWNSHIP			3,221	3,550				8,842	8,842	BEYOND01
243	340939-01 CARTERET BOROUGH			5,400					7,111		BEYOND01
244	340960-01 NORTH PLAINFIELD BOROUGH			500					708		T 000730
245	340829-01 BRIDGETON CITY			3,000					3,997		BEYOND01
246	340446-06 EDGEWATER BOROUGH				1,617				2,207	2,207	BEYOND01
247	340863-01 ELMWOOD PARK BOROUGH			777					1,091		BEYOND01
248	340922-01 DUMONT BOROUGH			2,717					3,625		BEYOND01
249	340400-03 STONY BROOK REGIONAL SA			393					560		BEYOND01
250	340884-01 ASBURY PARK CITY				1,581				2,157		BEYOND01
251	340640-05 CAMDEN COUNTY MUA	3,350			1,400				6,288		T 000730
252	340491-02 WEST WINDSOR TOWNSHIP				400				570	570	BEYOND01

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## FINAL FEDERAL FISCAL YEAR 2001 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	340730-01 OCEAN CITY			39					57		BEYOND01
254	340580-04 WARREN CO LOPAT SA			1,809					2,463		BEYOND01
255	340382-03 BERNARDS TOWNSHIP SA			337					482		BEYOND01
256	340291-01 COLLINGSWOOD BOROUGH			791					1,134	1,134	T 000730
257	340495-04 SPARTA TOWNSHIP				2,081				2,821	2,821	T 010730
258	340752-01 PLEASANTVILLE CITY			151					220		BEYOND01
259	340533-04 VERONA BOROUGH			1,054					1,465		BEYOND01
260	340855-01 SPRINGFIELD TOWNSHIP			1,054					1,465		BEYOND01
261	340946-03 STAFFORD MUA			2,800					3,734	3,734	T 000730
262	340938-01 HIGHLAND PARK BOROUGH			3,242					4,315		BEYOND01
263	340940-01 SOUTH RIVER BOROUGH			1,753					2,389		T 000730
264	340385-02 BERKELEY HEIGHTS TOWNSHIP			100					147		BEYOND01
265	340717-05 CEDAR GROVE TOWNSHIP			260					374		BEYOND01
266	340766-02 PARSIPPANY-TROY HILLS TWP			35					51		BEYOND01

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**STATE OF NEW JERSEY**  
**FINAL FEDERAL FISCAL YEAR 2001 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			
266	340337-02 BELLMAWR BOROUGH			500					708	BEYOND01	
268	340716-04 LITTLE FALLS MUA			444					631	BEYOND01	
269	340381-05 ROXBURY TWP			962					1,344	BEYOND01	
270	340803-03 HACKETTSTOWN MUA	451							641	BEYOND01	
271	340919-02 HOLMDEL TOWNSHIP				32,050				40,665	BEYOND01	
272	340618-01 SOMERS POINT CITY			77					113	BEYOND01	
273	340778-01 TOTOWA BOROUGH			700					985	BEYOND01	
274	340703-05 FLORHAM PARK SA			1,000					1,396	BEYOND01	
275	340862-01 WESTWOOD BOROUGH			690					971	BEYOND01	
276	340841-01 RIVER EDGE BOROUGH			320					458	BEYOND01	
277	340780-02 WANAQUE VALLEY RSA/WANAQUE			1,136					1,567	BEYOND01	
278	340326-04 SAYREVILLE BOROUGH			168					244	BEYOND01	
279	340517-01 FAIRVIEW BOROUGH			1,027					1,431	BEYOND01	
280	340827-01 BRIGANTINE CITY			2,213					2,986	BEYOND01	

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## FINAL FEDERAL FISCAL YEAR 2001 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	340425-01 LITTLE FERRY BOROUGH			3,700					4,915		BEYOND01
282	340967-01 MATAWAN BOROUGH			500					708		BEYOND01
282	340967-04 MATAWAN BOROUGH			2,060					2,794	2,794	T 000730
284	340309-01 AUDUBON BOROUGH			779					1,094	1,094	BEYOND01
285	340877-01 HADDON HEIGHTS BOROUGH			614					866		BEYOND01
286	340914-01 BOGOTA BOROUGH			103	30				194		BEYOND01
287	340861-01 GLEN RIDGE BOROUGH			234					337		BEYOND01
288	340326-06 SOUTH AMBOY CITY			168					244		BEYOND01
289	340903-02 HAMILTON TOWNSHIP MUA				2,044				2,774		BEYOND01
290	340846-01 MONTVALE BOROUGH			71					104		BEYOND01
291	340346-01 MEDFORD TOWNSHIP			3,000					3,997		BEYOND01
292	340305-01 BARRINGTON BOROUGH			80					118	118	BEYOND01
293	340816-03 BERNARDSVILLE BOROUGH			809					1,135		BEYOND01
294	340916-02 DUNELLEN BOROUGH			995					1,390	1,390	BEYOND01

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**STATE OF NEW JERSEY**  
**FINAL FEDERAL FISCAL YEAR 2001 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	340916-01 DUNELLEN BOROUGH			1,000					1,396		BEYOND01
296	340706-05 WASHINGTON BOROUGH (WARREN)			1,565					2,136	2,136	BEYOND01
297	340282-02 HOPEWELL TOWNSHIP				2,603				3,475		BEYOND01
298	340278-01 UNION BEACH BOROUGH			1,700					2,317		BEYOND01
299	340426-06 N ARLINGTON - LYNDHURST JT MTG			150					218		BEYOND01
299	340426-05 N ARLINGTON-LYNDHURST JT MTG			3,527					4,688		BEYOND01
299	340310-01 ROCHELLE PARK TOWNSHIP			1,653					2,255	2,255	BEYOND01
302	340479-02 POINT PLEASANT BEACH BOROUGH			1,107					1,531		BEYOND01
303	340705-04 CARLSTADT SEWERAGE AUTHORITY			2,500					3,340		BEYOND01
304	340840-01 SPRING LAKES HEIGHTS, BOROUGH OF			111					163		BEYOND01
305	340911-01 MANASQUAN BOROUGH			4,600					6,093		BEYOND01
306	340368-01 EAST GREENWICH TOWNSHIP				464				660		BEYOND01
307	340901-01 HIGHLANDS BOROUGH			622					877		BEYOND01
308	340944-02 CHESTERFIELD TOWNSHIP				2,960				3,945		T 000730

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## FINAL FEDERAL FISCAL YEAR 2001 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	340663-03 NORTH WILDWOOD CITY			3,800					5,050	5,050	BEYOND01
310	340285-01 MAGNOLIA BOROUGH			900					1,259	1,259	BEYOND01
311	340901-02 HIGHLANDS BOROUGH			100					147		BEYOND01
311	340361-01 ROSELAND BOROUGH			83					123		BEYOND01
313	340362-01 HARRISON TOWNSHIP	450		1,875					3,125		BEYOND01
313	340362-02 HARRISON TOWNSHIP			1,725					2,350		BEYOND01
315	340289-01 WESTVILLE BOROUGH			500					708	708	BEYOND01
316	340326-07 SAYREVILLE BOROUGH				3,527				4,688		BEYOND01
317	340917-02 DELAWARE TOWNSHIP MUA			300					430		BEYOND01
318	340842-01 HIGH BRIDGE BOROUGH			160					243		BEYOND01
319	340504-02 STANHOPE BOROUGH			289					415		BEYOND01
320	340347-01 SOUTH BOUND BROOK BOROUGH				850				1,239		BEYOND01
321	340375-01 HAINESPORT TOWNSHIP				9,929				12,909	12,909	T 010730
322	340370-01 WOODBINE MUA		6,212		3,500				12,630		BEYOND01

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**STATE OF NEW JERSEY**  
**FINAL FEDERAL FISCAL YEAR 2001 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	340659-01 SEA ISLE CITY			470					667		BEYOND01
324	340970-02 MOONACHIE BOROUGH		160	70					332		BEYOND01
325	340849-01 WOODLYNNE BOROUGH			3,203					4,264		BEYOND01
326	340506-02 CRANBURY TOWNSHIP				2,700				3,603	3,603	BEYOND01
327	340335-01 AVON-BY-THE-SEA BOROUGH			2,782			200		3,973		BEYOND01
328	340652-06 NORTH BERGEN MUA				3,000				3,997		BEYOND01
329	340966-03 LAVALETTE BOROUGH			1,856					2,526		BEYOND01
330	340966-02 LAVALETTE BOROUGH			300					430		BEYOND01
331	340822-01 PEAPACK & GLADSTONE BOROUGH			85					125		BEYOND01
332	340359-01 GREENWICH TOWNSHIP		7,600		1,000				11,199		BEYOND01
333	340873-01 CLINTON TWP SEWERAGE AUTHORITY			200					289		BEYOND01
334	340412-08 DEAL BOROUGH			900					1,259		BEYOND01
335	340848-01 EAST NEWARK BOROUGH			358					511		BEYOND01
336	340876-02 CHESTER BOROUGH	718	132						1,191		BEYOND01

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors &amp; 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

## FINAL FEDERAL FISCAL YEAR 2001 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	340955-01 COMMERCIAL TOWNSHIP	4,200			2,854				9,207		BEYOND01
338	340590-02 BAY HEAD BOROUGH			1,635					2,230		BEYOND01
339	340935-02 MANSFIELD TOWNSHIP			100					147		BEYOND01
340	340761-02 ROOSEVELT BOROUGH			1,100					1,522		BEYOND01
341	340962-01 STOCKTON BOROUGH			850	100				1,328		T 000730
342	340626-03 WEST WILDWOOD BOROUGH			396					564		BEYOND01
343	340701-08 WEST MILFORD TOWNSHIP MUA			1,750					2,384	2,384	BEYOND01
344	340461-05 LANDIS SA	2,700							3,603		BEYOND01
345	340366-04 CAMDEN CITY							4,600	6,093	6,093	T 010730
346	340437-11 NEW BRUNSWICK CITY							3,500	4,653	4,653	T 010730
347	340788-05 MONMOUTH COUNTY BOARD OF							655	923	923	BEYOND01
348	340525-01 CAMDEN COUNTY BOARD OF							560	792	792	BEYOND01
348	340525-02 CAMDEN COUNTY DEPARTMENT OF							1,235	1,693	1,693	BEYOND01
348	340525-03 CAMDEN COUNTY DEPARTMENT OF							552	781	781	BEYOND01

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors &amp; 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

**STATE OF NEW JERSEY**  
**FINAL FEDERAL FISCAL YEAR 2001 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	340280-01 UNION COUNTY						3,776		5,015		BEYOND01
352	340293-02 UNION TOWNSHIP							2,000	2,718	2,718	T 010730
353	340397-01 EWING TOWNSHIP								465		BEYOND01
353	340397-03 EWING TOWNSHIP								185	185	BEYOND01
355	340649-03 PEMBERTON TOWNSHIP								360	360	T 000730
356	340268-01 MARLBORO TOWNSHIP								169		BEYOND01
357	340750-04 OCEAN TOWNSHIP							855	1,198		BEYOND01
358	340968-02 HAZLET TOWNSHIP							290	416		BEYOND01
358	340968-03 HAZLET TOWNSHIP								140	140	BEYOND01
360	340537-05 MOUNT OLIVE TOWNSHIP							904	1,266		BEYOND01
361	340938-02 HIGHLAND PARK BOROUGH							335	479	479	BEYOND01
362	340118-02 KEANSBURG BOROUGH							2,639	3,589	3,589	T 000730
363	340967-03 MATAWAN BOROUGH								289	289	BEYOND01
364	340967-02 MATAWAN BOROUGH							3,310	4,404		BEYOND01

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors &amp; 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

## FINAL FEDERAL FISCAL YEAR 2001 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	340265-01 BOONTON TOWN						250		360		BEYOND01
366	340267-01 KEYPORT BOROUGH						150	100	360		BEYOND01
367	340374-01 CRESSKILL BOROUGH						310		444		BEYOND01
368	340278-02 UNION BEACH BOROUGH						600		847	847	T 000730
369	340308-01 BERLIN BOROUGH						500		708	708	BEYOND01
370	340790-03 BERLIN TOWNSHIP						853	88	1,317	1,317	BEYOND01
371	340901-04 HIGHLANDS BOROUGH						552		781		BEYOND01
372	340361-02 ROSELAND BOROUGH						1,000		1,396		BEYOND01
372	340901-03 HIGHLANDS BOROUGH						593	267	1,205		BEYOND01
374	340664-02 WILDWOOD CITY						1,831		2,492		BEYOND01
375	340263-01 LAWNSIDE BOROUGH						132		193		BEYOND01
376	340335-02 AVON BY THE SEA BOROUGH						250		360		BEYOND01
377	340266-01 SOUTH HACKENSACK TOWNSHIP							1,064	1,478	1,478	T 000730
378	340339-01 TETERBORO BOROUGH						870		1,219		BEYOND01

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

Cat 1 - Secondary/Sludge/Septage Treatment

Cat 4 - New Collectors, Interceptors &amp; Appurtenances

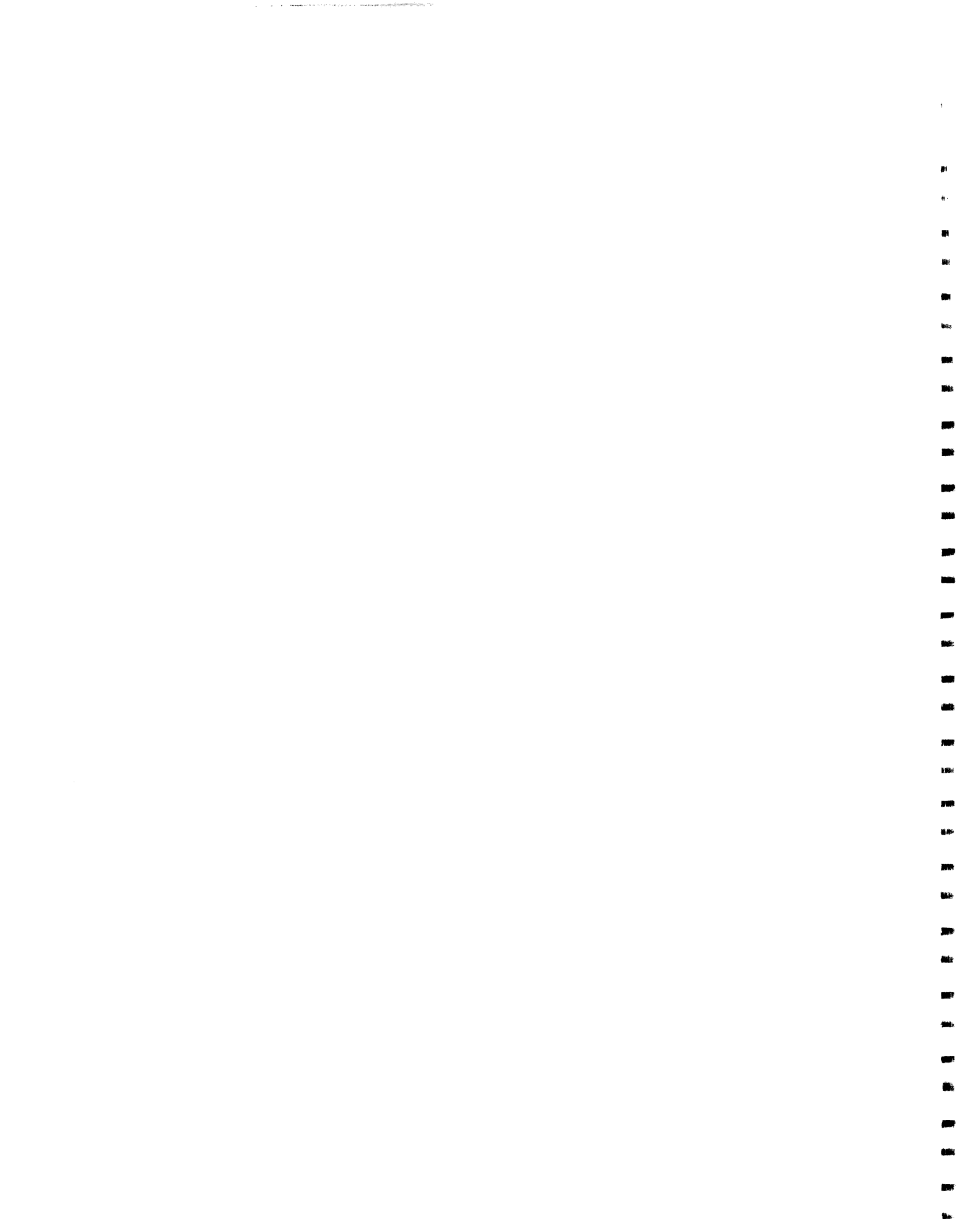
Cat 7 - Nonpoint Source Management

Cat 2 - Advanced Treatment

Cat 5 - Correction of Combined Sewer Overflows

Cat 3 - Sewer System Rehabilitation

Cat 6 - Stormwater Management



**PROJECT NARRATIVES**

Anticipated Recipient : RAHWAY VALLEY SA

Project No. : 340547-04 Eligible Project Cost : \$ 5,142,027

FY01 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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      0.02669

TOTAL POINTS      800.02669

Project Name, Number

Priority List Rank

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

1

County

UNION

Existing Population

26,690

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	:	HOPATCONG BOROUGH		
Project No.	:	340488-03	Eligible Project Cost:	\$ 68,786,658
FY01 Rank	:	2		
County	:	SUSSEX	Total State Amount	: \$ 68,786,658

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</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	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	<u>275</u>

State Planning Commission	2.50000
Population	0.01550
<b>TOTAL POINTS</b>	<b>727.51550</b>

Project Name, Number

Priority List Rank

HOPATCONG BOROUGH  
340488-03  
COLLECTION SYSTEM, STP EXPANSION

2

County

SUSSEX

Existing Population

15,500

Need for Project

This project is necessary to protect the waters of Lake Hopatcong (FW2-TM), a potable water supply source. Wastewater treatment methods in Hopatcong Borough consist of individual on-site systems. There are reported septic system failures which have been determined to adversely affect fishable (trout) and primary contact recreation uses of the lake. Water quality does not meet standards for dissolved oxygen and nutrients and marginally meet standards for fecal coliform and toxics. The project is needed to eliminate septic systems in the densely developed portion of the watershed which have a high failure rate.

Project Description

The proposed project includes the installation of a collection and conveyance system, as well as a 1.3 MGD expansion of the Musconetcong Sewerage Authority's STP which will treat the new flows from the Borough of Hopatcong. The collection system includes approximately 227,000 feet of gravity, 154,000 linear feet of low pressure sewers, ten (10) pumping stations and 34,000 feet of force mains. The system will also contain a siphon crossing the Musconetcong River adjacent to the Hopatcong State Park property. Approximately 2,700 homes will be connected to grinder pumps which the Borough proposes to install, maintain and operate.

The selected plan will serve approximately 98% of the Borough's residential population. The remaining 2% outside of the collection system service area is within the northwest and southwest neighborhoods, which are zoned for larger lots and lower density.

Anticipated Recipient : PENNSAUKEN TOWNSHIP  
 Project No. : 340349-03 Eligible Project Cost: \$ 5,308,104  
 FY01 Rank : 3  
 County : CAMDEN Total State Amount : \$ 5,308,104

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	200
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	25
Industrial Water Use	25	25
	Subtotal	375

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

	0.00000
State Planning Commission	
Population	0.03474
TOTAL POINTS	725.03474

Project Name, Number

Priority List Rank

PENNSAUKEN TOWNSHIP  
340349-03  
CSO ABATEMENT

3

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	:	MUSCONETCONG SA		
Project No.	:	340384-05	Eligible Project Cost:	\$ 28,088,689
FY01 Rank	:	4		
County	:	SUSSEX	Total State Amount	: \$ 28,088,689

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</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	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	<u>275</u>

State Planning Commission	0.00000
Population	0.03340
<b>TOTAL POINTS</b>	<b>700.03340</b>

Project Name, Number

Priority List Rank

MUSCONETCONG SA  
340384-05  
STP IMPROVEMENTS

4

County

SUSSEX

Existing Population

33,400

Need for Project

The proposed project will provide treatment capabilities at MSA's STP for flows from the Hopatcong/Jefferson service areas. On-site systems in the Borough of Hopatcong and Jefferson Township are failing due to unsuitable soils and impacting Lake Hopatcong. Water quality currently does not meet standards for dissolved oxygen, fecal coliform, and nutrients, and only marginally meets standards for toxics. During drought emergencies, the lake is used to supplement potable water supplies serving the heavily populated areas of northeast New Jersey. The lake is also used for trout fishing and primary contact recreation.

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Musconetcong SA (NJ0027821)	2.275	0.873	98.7	2.54	98.1	3.09

Project Description

The proposed project includes a 2.1 mgd STP expansion, an extension of the MSA interceptor into Jefferson Township and the extension of existing interceptors in Stanhope into the Borough of Hopatcong. In addition, sanitary sewer systems will be constructed in the Borough of Hopatcong and Jefferson Township concurrently with the STP expansion.

Anticipated Recipient : BRIDGEWATER TOWNSHIP  
 Project No. : 340638-04 Eligible Project Cost: \$ 1,465,130  
 FY01 Rank : 5  
 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	250
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	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

B. Existing Water 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	8.00000
	Population	0.01220
	<b>TOTAL POINTS</b>	<b>683.01220</b>

Project Name, Number

Priority List Rank

BRIDGEWATER TOWNSHIP

5

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

FY01 Rank : 6

County : SOMERSET 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	250
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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      5.00000

Population      0.00599

TOTAL POINTS      680.00599

Project Name, Number

Priority List Rank

RARITAN BOROUGH  
340781-04  
I/I CORRECTION - OVERFLOW

6

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 : JEFFERSON TOWNSHIP  
 Project No. : 340747-05 Eligible Project Cost: \$ 19,158,252  
 FY01 Rank : 7  
 County : MORRIS Total State Amount : \$ 19,158,252

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
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
	<b>TOTAL POINTS</b>	<b>675.00869</b>

Project Name, Number

Priority List Rank

JEFFERSON TOWNSHIP  
340747-05  
COLLECTION SYSTEM/INDIVIDUAL SYSTEMS

7

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 (NJPDDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	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	:	ORADELL BOROUGH		
Project No.	:	340835-01	Eligible Project Cost:	\$ 295,455
FY01 Rank	:	8		
County	:	BERGEN	Total State Amount	\$ 295,455

<u>I. APPROVED WATERSHED PLAN</u>	Possible 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>600.00847</b>

Project Name, Number

Priority List Rank

ORADELL BOROUGH

8

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 : RAHWAY VALLEY SA  
 Project No. : 340547-06 Eligible Project Cost: \$ 1,225,719  
 FY01 Rank : 9  
 County : UNION Total State Amount : \$ 1,225,719

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</u>

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	<u>250</u>

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	<u>300</u>

State Planning Commission	0.00000
Population	0.17373
<b>TOTAL POINTS</b>	<b>575.17373</b>

Project Name, Number

Priority List Rank

RAHWAY VALLEY SA  
340547-06  
STP IMPROVEMENTS

9

County

UNION

Existing Population

173,730

Service Area

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

Need for Project

RVSA operates a 40 mgd wastewater treatment facility. RVSA is proposing to build a new, larger laboratory which will allow for additional quality control and invetigative testing to be performed. The new laboratory will replace the existing, outdated lab and will ultimately be integrated into the new expanded wastewater treatment facility.

Project Description

The proposed project includes construction of a new laboratory facility to replace an old and obsolete laboratory building. The facility is to be constructed on a vacant parcel of land on the site of RVSA's treatment facilities.

Anticipated Recipient	:	WEST MILFORD TWP MUA		
Project No.	:	340701-03	Eligible Project Cost:	\$ 1,353,152
FY01 Rank	:	10		
County	:	PASSAIC	Total State Amount	: \$ 1,353,152

<u>I. APPROVED WATERSHED PLAN</u>	Possible 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	275

B. Existing Water Quality

Parameter	Meets Standards	Marginally 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	0.00050
<b>TOTAL POINTS</b>	<b>575.00050</b>

Project Name, Number

Priority List Rank

WEST MILFORD TWP MUA  
340701-03  
SEWER SYSTEM REHABILITATION

10

County

PASSAIC

Existing Population

500

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 the first 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

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

FY01 Rank : 11

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

Priority List Rank

BERGEN COUNTY UA  
340768-03  
CSO ABATEMENT

11

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.



Project Name, Number

Priority List Rank

OAKLAND BOROUGH

12

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 : SPARTA TOWNSHIP

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

FY01 Rank : 13

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	25

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	0
Fecal Coliform	0	50	100	50
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100

State Planning Commission      0.00000

Population      0.01432

TOTAL POINTS      525.01432

Project Name, Number

Priority List Rank

SPARTA TOWNSHIP  
340495-03  
STP UPGRADES, ON-SITE REHABILITATION

13

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 (NJPDDES #)	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	:	JERSEY CITY MUA		
Project No.	:	340928-02	Eligible Project Cost:	\$ 16,713,680
FY01 Rank	:	14		
County	:	HUDSON	Total State Amount	: \$ 16,713,680

<u>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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	7.50000
Population	0.26646
<b>TOTAL POINTS</b>	<b>507.76646</b>

Project Name, Number

Priority List Rank

JERSEY CITY MUA  
340928-02  
CSO ABATEMENT

14

County

HUDSON

Existing Population

266,460

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 in-line and end-of-pipe netting facilities to remove solids and floatables from 17 combined overflow points. In addition, several tide gates will be rehabilitated.

Anticipated Recipient : ELIZABETH CITY  
 Project No. : 340942-02 Eligible Project Cost: \$ 14,322,584  
 FY01 Rank : 15  
 County : UNION Total State Amount : \$ 14,322,584

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	250

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	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	7.50000
Population	0.11000
<b>TOTAL POINTS</b>	<b>507.61000</b>

Project Name, Number

Priority List Rank

ELIZABETH CITY  
340942-02  
COMBINED SEWER OVERFLOW ABATEMENT

15

County

UNION

Existing Population

110,000

Service Area

City of Elizabeth

Need for Project

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

Project Description

The proposed project will eliminate the discharge of solids/floatables larger than 1/2-inch in diameter from the City's 34 combined sewer overflow points as required by the NJPDES permit. In several cases, it is cost effective to construct multiple facilities for each CSO site in order to reduce the size of the facilities and accommodate the split flow from individual regulators. A total of 36 different sites are recommended for construction of solids/floatables controls and include 5 sites of sewer separation, 26 for inline netting facilities and 5 with static screening facilities.



Project Name, Number

MIDDLESEX COUNTY UA  
340699-05  
STP UPGRADE

Priority List Rank

16

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
FY01 Rank	:	17		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>250</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	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	<u>50</u>

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	<u>200</u>

State Planning Commission	0.00000
Population	0.19444
<b>TOTAL POINTS</b>	<b>500.19444</b>

Project Name, Number

Priority List Rank

HUDSON COUNTY UA (HOBOKEN)  
340399-09  
CSO ABATEMENT

17

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	:	HOBOKEN/UNION CITY/WEEHAWKEN SA		
Project No.	:	340952-01	Eligible Project Cost:	\$ 98,564,839
FY01 Rank	:	18		
County	:	HUDSON	Total State Amount	\$ 98,564,839

<u>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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	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	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	0.07000
<b>TOTAL POINTS</b>	<b>500.07000</b>

Project Name, Number

Priority List Rank

HOBOKEN/UNION CITY/WEEHAWKEN SA  
340952-01  
CSO ABATEMENT

18

County

HUDSON

Existing Population

70,000

Service Area

Hoboken, Union City, and Weehawken

Need for Project

Due to system capacity limitations, combined sewage surcharges and overflows into the Hudson River, this results in excessive solids and bacteria levels, and floating sewage during wet and dry weather conditions. The designated water uses for the Hudson River include secondary contact recreation, propagation and maintenance of fish and wildlife populations, 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.

Project Description

Elimination of dry weather overflows, expansion of conveyance capacity of sewer system to handle peak flows, and removal of solids/floatable greater than 0.5 inches during wet weather flows. The work includes modification of regulators and interceptors to increase conveyance capacity during peak flows, new force main from 18th Street pumping station to treatment plant, new parallel syphon from the 11th Street to the treatment plant, new regulators and/or outfall with solid removal devices, new CSO outfall from 18th Street pumping station and upgrade of 11th, 18th, and Baldwin Avenue pumping stations.

Anticipated Recipient : LINDEN-ROSELLE SA  
 Project No. : 340299-04 Eligible Project Cost: \$ 12,027,071  
 FY01 Rank : 19  
 County : UNION Total State Amount : \$ 12,027,071

<u>I. APPROVED WATERSHED PLAN</u>	Possible 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.05819
<b>TOTAL POINTS</b>	<b>500.05819</b>

Project Name, Number

Priority List Rank

LINDEN-ROSELLE SA

19

340299-04

I/I CORRECTION - OVERFLOW

County

UNION

Existing Population

58,190

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 IIIb 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	:	KEARNY TOWN		
Project No.	:	340259-02	Eligible Project Cost:	\$ 3,997,392
FY01 Rank	:	20		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>250</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	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	<u>50</u>

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	<u>200</u>

State Planning Commission	0.00000
Population	0.03487
TOTAL POINTS	500.03487

Project Name, Number

Priority List Rank

KEARNY TOWN  
340259-02  
CSO ABATEMENT

20

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

FY01 Rank : 21

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>250</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	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	<u>50</u>

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	<u>200</u>

State Planning Commission      0.00000

Population      0.02486

TOTAL POINTS      500.02486

Project Name, Number

Priority List Rank

RIDGEWOOD VILLAGE  
340639-05  
I/I CORRECTION - OVERFLOW

21

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 : CLIFFSIDE PARK BOROUGH  
 Project No. : 340847-02 Eligible Project Cost : \$ 1,458,241  
 FY01 Rank : 22  
 County : BERGEN Total State Amount : \$ 1,458,241

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
Subtotal		250

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	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	0.02078
TOTAL POINTS	500.02078

Project Name, Number

Priority List Rank

CLIFFSIDE PARK BOROUGH  
340847-02  
CSO ABATEMENT

22

County

BERGEN

Existing Population

20,783

Service Area

Section V Area of Cliffside Park

Need for Project

The purpose of the project is to separate stormwater flows from the combined system which flows to a regulator in Edgewater Borough, the overflow of which enters the Hudson River. This area of the Hudson River is classified as an SE-2 watercourse and is currently used for nontrout fishing. Water quality does not meet standards for dissolved oxygen and fecal coliform and marginally meet standards for toxics. The 38-acre area currently includes about 25 drainage inlets which are directly connected to the sanitary or combined system.

Project Description

The proposed project includes the construction of a new parallel storm drain in Cliffside Park and connecting same to the downstream storm drainage system of Stormwater Regulator #10 in Edgewater.

Anticipated Recipient	:	LOWER TOWNSHIP MUA		
Project No.	:	340810-03	Eligible Project Cost:	\$ 3,135,057
FY01 Rank	:	23		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</u>

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	<u>250</u>

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	<u>225</u>

State Planning Commission	0.00000
Population	0.01953
<b>TOTAL POINTS</b>	<b>500.01953</b>

Project Name, Number

LOWER TOWNSHIP MUA  
340810-03  
STP IMPROVEMENTS

Priority List Rank

23

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 (NJPDDES #)	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 : EDGEWATER MUA

Project No. : 340443-04 Eligible Project Cost : \$ 2,223,579

FY01 Rank : 24

County : BERGEN Total State Amount : \$ 2,223,579

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>250</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	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	<u>50</u>

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	<u>200</u>

State Planning Commission      0.00000

Population      0.01850

TOTAL POINTS      500.01850

Project Name, Number

Priority List Rank

EDGEWATER MUA  
340443-04  
CSO ABATEMENT

24

County

BERGEN

Existing Population

18,500

Service Area

Borough of Edgewater and Cliffside Park

Need for Project

The Sewage Infrastructure Improvement Act requires elimination of dry weather overflows and reduction of solids/floatables from combined sewer overflows. This area of the Hudson River is classified as an SE-2 watercourse and is currently used for nontrout fishing. Water quality does not meet standards for dissolved oxygen and fecal coliform and marginally meet standards for toxics.

Project Description

The proposed project includes construction of new storm sewers to handle all stormwater flows and the dedication of the existing combined sewers as sanitary sewers.

Anticipated Recipient : GUTTENBERG TOWN

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

FY01 Rank : 25

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

25

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 : WARREN TOWNSHIP SA

Project No. : 340964-01 Eligible Project Cost: \$ 3,997,392

FY01 Rank : 26

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
Subtotal		25

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  
Population 0.00187  
TOTAL POINTS 500.00187

Project Name, Number

WARREN TOWNSHIP SA  
340964-01  
STP UPGRADES

Priority List Rank

26

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 SC		
Project No. :	340430-02	Eligible Project Cost :	\$ 100,557,651
FY01 Rank :	27		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	25
			Subtotal	175

State Planning Commission	7.50000
Population	1.35000
<b>TOTAL POINTS</b>	<b>483.85000</b>

Project Name, Number

Priority List Rank

PASSAIC VALLEY SC  
340430-02  
CSO ABATEMENT

27

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	:	PASSAIC VALLEY SEWERAGE COMMISSIONERS		
Project No.	:	340689-01	Eligible Project Cost:	\$ 309,092,986
FY01 Rank	:	27		
County	:	ESSEX	Total State Amount	: \$ 309,092,986

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</u>

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	<u>150</u>

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	<u>300</u>

State Planning Commission	7.50000
Population	1.35000
TOTAL POINTS	483.85000

Project Name, Number

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
340689-01  
STP IMPROVEMENTS

Priority List Rank

27

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 : PASSAIC VALLEY SEWERAGE COMMISSIONERS  
 Project No. : 340689-03 Eligible Project Cost: \$ 63,424,660  
 FY01 Rank : 27  
 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	25

III. WATER USE/WATER QUALITY POINTS

A. Water Use

	Possible Points	Points Scored
Water Use		
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	7.50000
Population	1.35000
<b>TOTAL POINTS</b>	<b>483.85000</b>

Project Name, Number

Priority List Rank

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
340689-03  
STP IMPROVEMENTS

27

County

ESSEX

Existing Population

1,350,000

Service Area

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

Need for Project

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

Project Description

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

Anticipated Recipient : NEWARK CITY

Project No. : 340815-05 Eligible Project Cost: \$ 46,893,423

FY01 Rank : 30

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	25
	Subtotal	25

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      7.50000

Population      0.31633

TOTAL POINTS      482.81633

Project Name, Number

Priority List Rank

NEWARK CITY  
340815-05  
CSO ABATEMENT

30

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	:	PATERSON CITY		
Project No.	:	340926-01	Eligible Project Cost:	\$ 12,614,330
FY01 Rank	:	31		
County	:	PASSAIC	Total State Amount	\$ 12,614,330

<u>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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	7.50000
Population	0.13800
<b>TOTAL POINTS</b>	<b>482.63800</b>

Project Name, Number

Priority List Rank

PATERSON CITY  
340926-01  
CSO ABATEMENT

31

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 locations. Overflows from the city discharge into the Passaic River and 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 the use of end-of-pipe and in-line nets, sewer separation in conjunction with screens, romag screens alone and in combination with netting facilities and static bar screens at 15 CSO outfalls. Ten outfalls will be separated. One outfall will be plugged, and two will be diverted.

Anticipated Recipient	:	MIDDLESEX COUNTY UA		
Project No.	:	340699-03	Eligible Project Cost:	\$ 363,247,172
FY01 Rank	:	32		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</u>

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	<u>250</u>

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	<u>200</u>

State Planning Commission	0.00000
Population	0.49657
<b>TOTAL POINTS</b>	<b>475.49657</b>

Project Name, Number

Priority List Rank

MIDDLESEX COUNTY UA  
340699-03  
OUTFALL CONSTRUCTION

32

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 : BAYONNE MUA

Project No. : 340399-24 Eligible Project Cost: \$ 10,426,744

FY01 Rank : 33

County : HUDSON Total State Amount : \$ 10,426,744

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	25
	Subtotal	25

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      0.06144

TOTAL POINTS      475.06144

Project Name, Number

Priority List Rank

BAYONNE MUA  
340399-24  
CSO ABATEMENT

33

County

HUDSON

Existing Population

61,444

Service Area

City of Bayonne

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 solids/floatables facilities from combined sewer overflow discharges as well as rehabilitation of related regulators, outfalls and tide-gates.

Anticipated Recipient : SUSSEX COUNTY MUA (POCHUCK)

Project No. : 340503-03 Eligible Project Cost: \$ 10,967,931

FY01 Rank : 34

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

Inadequate Secondary Treatment 200 0

Sludge Disposal/Treatment 100 0

New Systems 50 50

I/I Correction 50 0

Advanced Treatment 25 0

Stormwater/NPS Management 25 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

Population 0.01193

TOTAL POINTS 475.01193

Project Name, Number

Priority List Rank

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

34

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 (NJPDES #)	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 : POMPTON LAKES BOROUGH MUA  
 Project No. : 340636-04 Eligible Project Cost: \$ 1,232,571  
 FY01 Rank : 35  
 County : PASSAIC Total State Amount : \$ 1,232,571

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</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	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	<u>250</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	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	<u>175</u>

State Planning Commission	0.00000
Population	0.01054
<b>TOTAL POINTS</b>	<b>450.01054</b>

Project Name, Number

Priority List Rank

POMPTON LAKES BOROUGH MUA  
340636-04  
STP IMPROVEMENTS, I/I CORRECTION

35

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 : MEDFORD LAKES BOROUGH  
 Project No. : 340463-06 Eligible Project Cost : \$ 4,135,382  
 FY01 Rank : 36  
 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	25

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
Population	0.00500
<b>TOTAL POINTS</b>	<b>425.00500</b>

Project Name, Number

Priority List Rank

MEDFORD LAKES BOROUGH  
340463-06  
STP UPGRADE

36

County

BURLINGTON

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			
	Design	Present	Reported BOD		Reported SS	
			%	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 : WARREN CO-PAULINSKILL/BLAIRSTOWN

Project No. : 340453-03 Eligible Project Cost: \$ 2,607,692

FY01 Rank : 37

County : WARREN Total State Amount : \$ 2,607,692

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

Inadequate Secondary Treatment 200 0

Sludge Disposal/Treatment 100 0

New Systems 50 0

I/I Correction 50 0

Advanced Treatment 25 25

Stormwater/NPS Management 25 0

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) 125 125

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	100
Nutrients	0	25	50	25
Toxics	0	25	50	25
Subtotal				150

State Planning Commission 0.00000

Population 0.00489

TOTAL POINTS 400.00489

Project Name, Number

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

Priority List Rank

37

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 : JEFFERSON TOWNSHIP (ROCKAWAY)  
 Project No. : 340747-04 Eligible Project Cost: \$ 6,526,216  
 FY01 Rank : 38  
 County : MORRIS Total State Amount : \$ 6,526,216

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	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
	Population	0.00787
	<b>TOTAL POINTS</b>	<b>375.00787</b>

Project Name, Number

Priority List Rank

JEFFERSON TOWNSHIP (ROCKAWAY)  
340747-04  
COLLECTION SYSTEM

38

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	:	RIVERTON BOROUGH		
Project No.	:	340275-01	Eligible Project Cost:	\$ 914,970
FY01 Rank	:	39		
County	:	BURLINGTON	Total State Amount	\$ 914,970

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	25

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
<b>TOTAL POINTS</b>	<b>375.00278</b>

Project Name, Number

RIVERTON BOROUGH  
340275-01  
STP IMPROVEMENTS

Priority List Rank

39

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-nontrout and agricultural water uses. Water quality marginally meets standards for dissolved oxygen and fecal coliform.

Sewage Treatment Plant (STP) Name (NJPDDES #)	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 : HOWELL TWP MUA  
 Project No. : 340832-01 Eligible Project Cost : \$ 5,877,522  
 FY01 Rank : 40  
 County : MONMOUTH Total State Amount : \$ 5,877,522

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	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
	Population	0.00192
	<b>TOTAL POINTS</b>	<b>375.00192</b>

Project Name, Number

Priority List Rank

HOWELL TWP MUA  
340832-01  
COLLECTION SYSTEM, INTERCEPTOR

40

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 : CAMDEN COUNTY MUA

Project No. : 340640-07 Eligible Project Cost: \$ 5,570,096

FY01 Rank : 41

County : CAMDEN Total State Amount : \$ 5,570,096

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	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	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

Population      0.48867

TOTAL POINTS      350.48867

Project Name, Number

Priority List Rank

CAMDEN COUNTY MUA  
340640-07  
STP IMPROVEMENTS

41

County

CAMDEN

Existing Population

488,670

Service Area

Camden County

Need for Project

CCMUA has received sporadic odor complaints. Measurements indicate that the influent flow contained a high concentration of hydrogen sulfide. Hydrogen sulfide is quite corrosive and high concentrations can result in serious damage to important wastewater treatment process units. Reduction in the emission of hydrogen sulfide and other odorous compounds will improve the air quality in the neighborhood of the plant.

Project Description

The proposed project includes the installation, at the primary treatment facility, of a new chemical wet scrubber system (including two 12-foot diameter packed towers). The scrubber system is needed to capture and treat the hydrogen sulfide in the air prior to its discharge to the atmosphere. The existing odor control system at the plant's junction chamber will be replaced with a biofilter. A carbon filter treatment system will be installed to treat odors generated in the scum concentration building.

Anticipated Recipient	:	JEFFERSON TOWNSHIP		
Project No.	:	340747-02	Eligible Project Cost:	\$ 1,952,637
FY01 Rank	:	42		
County	:	MORRIS	Total State Amount	: \$ 1,952,637

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</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	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>200</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	50
Toxics	0	25	50	25
			Subtotal	<u>125</u>

State Planning Commission	0.00000
Population	0.01671
<b>TOTAL POINTS</b>	<b>350.01671</b>

Project Name, Number

JEFFERSON TOWNSHIP  
340747-02  
PUMP STATION, FORCE MAIN, COLLECTION SYSTEM

Priority List Rank

42

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 (NJPDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	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 : WRIGHTSTOWN (WRIGHTSTOWN MUA)  
 Project No. : 340925-01 Eligible Project Cost : \$ 3,866,213  
 FY01 Rank : 43  
 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	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	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
Population	0.00315
<b>TOTAL POINTS</b>	<b>350.00315</b>

Project Name, Number

Priority List Rank

WRIGHTSTOWN (WRIGHTSTOWN MUA)  
340925-01  
STP UPGRADE

43

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 : MANSFIELD TOWNSHIP  
 Project No. : 340935-01 Eligible Project Cost: \$ 1,396,910  
 FY01 Rank : 44  
 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
Inadequate Secondary Treatment	200	200
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>350.00100</b>

Project Name, Number

MANSFIELD TOWNSHIP  
340935-01  
STP IMPROVEMENTS

Priority List Rank

44

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 (NJPDES #)	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 : LONG BRANCH SA

Project No. : 340336-03 Eligible Project Cost: \$ 1,553,702

FY01 Rank : 45

County : MONMOUTH Total State Amount : \$ 1,553,702

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	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		<u>250</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	25
Toxics	0	25	50	0
Subtotal				<u>25</u>

State Planning Commission      5.00000

Population      0.03000

TOTAL POINTS      330.03000

Project Name, Number

Priority List Rank

LONG BRANCH SA  
340336-03  
CONVEYANCE FACILITIES, GRIT HANDLING

45

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	:	BERGEN COUNTY UA		
Project No.	:	340386-04	Eligible Project Cost:	\$ 86,505,939
FY01 Rank	:	46		
County	:	BERGEN	Total State Amount	: \$ 86,505,939

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</u>

<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	<u>50</u>

<u>B. Existing Water Quality</u>				
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	<u>250</u>

State Planning Commission	0.00000
Population	0.49114
<b>TOTAL POINTS</b>	<b>325.49114</b>

Project Name, Number

BERGEN COUNTY UA  
340386-04  
STP IMPROVEMENTS

Priority List Rank

46

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 : HUDSON COUNTY UA (N.B.-CENTRAL)			
Project No.	: 340399-20	Eligible Project Cost:	\$ 25,607,620
FY01 Rank	: 47		
County	: HUDSON	Total State Amount :	\$ 25,607,620

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</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	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	<u>50</u>

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	<u>250</u>

State Planning Commission	0.00000
Population	0.03507
<b>TOTAL POINTS</b>	<b>325.03507</b>

Project Name, Number

Priority List Rank

HUDSON COUNTY UA (N.B.-CENTRAL)  
340399-20  
STP UPGRADE

47

County

HUDSON

Existing Population

35,070

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 (NJPDBS #)	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 implementation of one of the following alternatives:  
Transportation to Passaic Valley Sewerage Commission for treatment  
Treatment at Level 2 and pumping of effluent to the Hudson River  
Treatment at Level 3 and discharge at Cromakill Creek

Anticipated Recipient : HAMILTON TOWNSHIP  
 Project No. : 340898-01 Eligible Project Cost : \$ 10,686,034  
 FY01 Rank : 48  
 County : MERCER Total State Amount : \$ 10,686,034

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	25

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	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	300.09542

Project Name, Number

HAMILTON TOWNSHIP  
340898-01  
STP IMPROVEMENTS

Priority List Rank

48

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 : HARRISON TOWNSHIP  
 Project No. : 340362-03 Eligible Project Cost: \$ 4,424,084  
 FY01 Rank : 49  
 County : GLOUCESTER Total State Amount : \$ 4,424,084

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</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	125
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	<u>200</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	0
Toxics	0	25	50	25
			Subtotal	<u>75</u>

State Planning Commission	0.00000
Population	0.00472
<b>TOTAL POINTS</b>	<b>300.00472</b>

Project Name, Number

Priority List Rank

HARRISON TOWNSHIP  
340362-03  
STP UPGRADE AND EXPANSION

49

County

GLOUCESTER

Existing Population

4,715

Service Area

Harrison Township

Need for Project

Harrison Township's existing STP is approximately 30 years old and expansion is required. The STP is experiencing periodic treatment problems during peak flows.

Project Description

The proposed project consists of the Township STP's expansion from 400,000 gpd to 800,000 gpd. The proposed unit upgrades include an Orbal Biological Treatment Tank, two 40' diameter clarifiers, a sludge holding tank and press operation, as well as a chlorination/dechlorination contact tank.

Anticipated Recipient : OCEAN COUNTY UA

Project No. : 340372-22 Eligible Project Cost : \$ 28,150,530

FY01 Rank : 50

County : OCEAN Total State Amount : \$ 28,150,530

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</u>

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	<u>250</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                      0.29500

TOTAL POINTS                      275.29500

Project Name, Number

Priority List Rank

OCEAN COUNTY UA

50

340372-22

STP

County

OCEAN

Existing Population

295,000

Service Area

Bay Head, Brick Township, Colts Neck, Farmingdale, Freehold Boro, Freehold Township, Howell, Jackson Township MUA, Lakewood, Lakewood MUA, Lakewood - New Jersey American Water Co., Mantoloking, Manasquan River Regional Sewerage Authority, Point Pleasant Boro, Point Pleasant Beach, Wall Township

Need for Project

The STP improvements are needed to ensure operational reliability and to enable normal maintenance of the process units. The Northwest Water Pollution Control Facility discharges to the Atlantic Ocean and adversely effects the shellfishing and recreational attributes along the Ocean County beachfront.

Project Description

The proposed project consists of two new primary clarifiers, an interim pump station, a grit removal system, a bar screen, an effluent equalization basin, and electrical and instrumentation improvements.

Anticipated Recipient	:	OCEAN COUNTY UA		
Project No.	:	340372-24	Eligible Project Cost:	\$ 17,986,421
FY01 Rank	:	51		
County	:	OCEAN	Total State Amount	: \$ 17,986,421

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</u>

<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	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	<u>250</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.23800
<b>TOTAL POINTS</b>	<b>275.23800</b>

Project Name, Number

Priority List Rank

OCEAN COUNTY UA

51

340372-24

STP IMPROVEMENTS

County

OCEAN

Existing Population

238,000

Service Area

17 municipalities in central Ocean County

Need for Project

The STP improvements are needed to ensure operational reliability and to enable normal maintenance of the process units. The Central Water Pollution Control Facility discharges to the Atlantic Ocean and adversely effects the shellfishing and recreational attributes along the Ocean County beachfront.

Project Description

The proposed project consists of improvements to the standby power facilities and the construction of a new effluent pump station.

Anticipated Recipient : ATLANTIC COUNTY UA

Project No. : 340809-08 Eligible Project Cost: \$ 1,640,997

FY01 Rank : 52

County : ATLANTIC Total State Amount : \$ 1,640,997

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	25

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 275.16367

Project Name, Number

Priority List Rank

ATLANTIC COUNTY UA  
340809-08  
STP IMPROVEMENTS

52

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.

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Anticipated Recipient :	ATLANTIC COUNTY UA		
Project No. :	340809-09	Eligible Project Cost :	\$ 2,718,518
FY01 Rank :	52		
County :	ATLANTIC	Total State Amount :	\$ 2,718,518
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<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	25

<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	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

<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	0.16367
<b>TOTAL POINTS</b>	<b>275.16367</b>

Project Name, Number

Priority List Rank

ATLANTIC COUNTY UA  
340809-09  
STP IMPROVEMENTS

52

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 : OCEAN COUNTY UA

Project No. : 340372-23 Eligible Project Cost: \$ 14,834,451

FY01 Rank : 54

County : OCEAN Total State Amount : \$ 14,834,451

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</u>

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	<u>250</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	0.12600
TOTAL POINTS	275.12600

Project Name, Number

Priority List Rank

OCEAN COUNTY UA  
340372-23  
STP

54

County

OCEAN

Existing Population

126,000

Service Area

Dover and Berkeley Townships, the Boroughs of Beachwood, South Tom River, Pine Beach, Ocean Gate, Island Heights, Seaside Park, Seaside Heights, Lavallette and Mantoloking, as well as portions of Jackson, Brick, Manchester, Lacey, Barnegat, Lakehurst and Ocean Townships

Need for Project

OCUA needs to improve conveyance of peak wet weather flows through its Central Water Pollution Control Facility discharge system and to upgrade its wastewater conveyance system.

Project Description

The proposed project consists of the construction of a 60 mgd effluent pumping station at OCUA's CWPCF and the rehabilitation of four existing lift stations in the service area.

Anticipated Recipient : NORTHEAST MONMOUTH COUNTY RSA  
 Project No. : 340684-04 Eligible Project Cost: \$ 45,006,268  
 FY01 Rank : 55  
 County : MONMOUTH Total State Amount : \$ 45,006,268

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</u>

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	<u>250</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	0.08500
<b>TOTAL POINTS</b>	<b>275.08500</b>

Project Name, Number

Priority List Rank

NORTHEAST MONMOUTH COUNTY RSA  
340684-04  
STP IMPROVEMENTS

55

County

MONMOUTH

Existing Population

85,000

Service Area

Eatontown, Fairhaven, Little Silver, Monmouth Beach, Ocean Port, Red Bank, Rumson, Sea Bright, Shrewsbury Borough, Shrewsbury Township, Tinton Falls, West Long Branch, Fort Monmouth/Camp Charles Wood

Need for Project

The STP is reaching its design capacity of 11.4 MGD and will require expansion for population growth. The STP discharges to the Atlantic Ocean via an outfall which extends 2,530 feet eastward from the seawall in Monmouth Beach. The discharge adversely impacts shellfish and recreational water uses. In addition, a portion of the interceptor needs to be rehabilitated to reduce infiltration and inflow.

Project Description

The proposed project is to expand the STP from 11.4 MGD to 14.98 MGD yearly average and 17.23 MGD maximum monthly average to accommodate existing and future flows in the area. The proposed expansion and upgrading of the treatment plant includes modification and upgrading of the existing main pump station, effluent pump station, aeration tanks, clarifiers, sludge transfer pump station, sludge storage tanks and dewatering system. In addition, the project includes construction of new grit handling facilities, a new process train consisting of two aeration tanks, two clarifiers, a new secondary sludge pump station, sludge handling facilities, a new disinfection facility, a new blower facility, a new electrical distribution system and emergency generator facility, odor control systems, a new process monitoring and control system, and miscellaneous utilities, yard piping and associated yard structures. In addition, approximately 2,000 LF of 42-inch diameter interceptor will be rehabilitated by chemical grouting, slip-lining and/or replacement.

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Anticipated Recipient : EVESHAM MUA (WOODSTREAM)  
 Project No. : 340463-05 Eligible Project Cost: \$ 7,132,162  
 FY01 Rank : 56  
 County : BURLINGTON Total State Amount : \$ 7,132,162

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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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</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	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	<u>50</u>

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	<u>200</u>

State Planning Commission	0.00000
Population	0.02867
<b>TOTAL POINTS</b>	<b>275.02867</b>

Project Name, Number

Priority List Rank

EVESHAM MUA (WOODSTREAM)  
340463-05  
STP, INTERCEPTOR

56

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-NI 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 (NJDES #)	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 : RIDGEWOOD VILLAGE  
 Project No. : 340639-03 Eligible Project Cost: \$ 20,783,429  
 FY01 Rank : 57  
 County : BERGEN Total State Amount : \$ 20,783,429

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</u>

<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	<u>50</u>

<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	50
			Subtotal	<u>200</u>

State Planning Commission	0.00000
Population	0.02486
<b>TOTAL POINTS</b>	<b>275.02486</b>

Project Name, Number

RIDGEWOOD VILLAGE  
340639-03  
STP UPGRADE

Priority List Rank

57

County

BERGEN

Existing Population

24,860

Service Area

Village of Ridgewood

Need for Project

The area is currently sewered and served by a treatment plant which discharges into the Ho-Ho-Kus Brook classified as FW2-NT, a nontrout fishable and industrial use stream. The project is needed to provide advanced wastewater treatment to comply with the NJPDES permit. Water quality marginally meets standards for dissolved oxygen and does not meet standards for fecal coliform and toxics. The plant is currently under an ACO.

Sewage Treatment Plant (STP) Name (NJPDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	mg/l	%	mg/l
Ridgewood Village (NJ0024791)	5.0	3.433	92	15	93	12

Project Description

The proposed project is for upgrading the existing water pollution control facility to bring it into compliance with the effluent limits of the Village's ACO. The upgrade will also address the rehabilitation of process equipment and systems, which have reached the end of their useful life expectancy.

Anticipated Recipient	:	SUSSEX COUNTY MUA		
Project No.	:	340941-01	Eligible Project Cost:	\$ 6,614,815
FY01 Rank	:	58		
County	:	SUSSEX	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</u>

<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	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	25
	Subtotal	<u>125</u>

<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	0
			Subtotal	<u>125</u>

State Planning Commission	0.00000
Population	0.02037
<b>TOTAL POINTS</b>	<b>275.02037</b>

Project Name, Number

Priority List Rank

SUSSEX COUNTY MUA  
340941-01  
COLLECTION SYSTEM

58

County

SUSSEX

Existing Population

20,370

Project Name, Number

Priority 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 : MEDFORD TOWNSHIP

Project No. : 340463-04 Eligible Project Cost: \$ 19,893,456

FY01 Rank : 59

County : BURLINGTON Total State Amount : \$ 19,893,456

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>25</u>

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	<u>200</u>

State Planning Commission      0.00000

Population      0.02027

TOTAL POINTS      275.02027

Project Name, Number

Priority List Rank

MEDFORD TOWNSHIP  
340463-04  
STP UPGRADE

59

County

BURLINGTON

Existing Population

20,270

Service Area

Medford Township

Need for Project

The existing wastewater treatment plant that was constructed in the late 60's and early 70's is obsolete with regard to current technology and NJPDES permit requirements. As a result, the project proposes to upgrade and expand the existing plant from 1.75 MGD to 2.5 MGD. The discharge to the southwest branch of the Rancocas Creek impacts nontrout fishing uses. The water quality standards are marginally met for dissolved oxygen and are not met for fecal coliform and toxics. The proposed project will provide capacity for the existing and future house connections. 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
Medford Township(Secondary) (NJ0026832)	1.75	1.25	91.35	7.6	95.5	6.39

Project Description

The proposed project will consist of construction of the upgrade and expansion of the existing Medford Township STP, infiltration/inflow correction, sewer system rehabilitation, new interceptors and related appurtenances. The ultimate sludge disposal will be incorporated into the county-wide sludge management facilities.

Anticipated Recipient	:	PENNSVILLE SA		
Project No.	:	340870-02	Eligible Project Cost:	\$ 7,211,095
FY01 Rank	:	60		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</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	25
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	25
	Subtotal	<u>50</u>

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	<u>175</u>

State Planning Commission	0.00000
Population	0.01500
<b>TOTAL POINTS</b>	<b>250.01500</b>

Project Name, Number

Priority List Rank

PENNSVILLE SA  
340870-02  
STP UPGRADE, COLLECTION SYSTEM

60

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  
 FY01 Rank : 61  
 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	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	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	250.00531

Project Name, Number

Priority List Rank

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

61

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 (NJPDES #)	Flow (mgd)		Effluent			
	Design	Present	Reported BOD		Reported SS	
			%	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 : ALLOWAY TOWNSHIP/QUINTON TOWNSHIP  
 Project No. : 340965-01 Eligible Project Cost: \$ 9,963,124  
 FY01 Rank : 62  
 County : SALEM Total State Amount : \$ 9,963,124

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	125
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	<u>200</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	0.00310
<b>TOTAL POINTS</b>	<b>250.00310</b>

Project Name, Number

Priority List Rank

ALLOWAY TOWNSHIP/QUINTON TOWNSHIP  
340965-01  
COLLECTION SYSTEM

62

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 : WYCKOFF TOWNSHIP

Project No. : 340738-03 Eligible Project Cost: \$ 14,494,384

FY01 Rank : 63

County : BERGEN Total State Amount : \$ 14,494,384

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
			Subtotal	150

State Planning Commission      0.00000

Population      0.00190

TOTAL POINTS      250.00190

Project Name, Number

Priority List Rank

WYCKOFF TOWNSHIP  
340738-03  
COLLECTION SYSTEM, INTERCEPTOR

63

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	:	DELAWARE TOWNSHIP MUA		
Project No.	:	340917-01	Eligible Project Cost:	\$ 1,522,661
FY01 Rank	:	64		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</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	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	0
	Subtotal	<u>100</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	100
Nutrients	0	25	50	0
Toxics	0	25	50	25
			Subtotal	<u>125</u>

State Planning Commission	0.00000
Population	0.00100
TOTAL POINTS	250.00100

Project Name, Number

DELAWARE TOWNSHIP MUA  
340917-01  
STP IMPROVEMENTS

Priority List Rank

64

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 : NORTH BERGEN TOWNSHIP/HUDSON CO UA  
 Project No. : 340652-01 Eligible Project Cost: \$ 3,997,392  
 FY01 Rank : 65  
 County : HUDSON 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	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

65

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-nontrout 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 : WATCHUNG BOROUGH

Project No. : 340823-01 Eligible Project Cost: \$ 1,992,189

FY01 Rank : 66

County : SOMERSET Total State Amount : \$ 1,992,189

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	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	100
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100

State Planning Commission      0.00000

Population      0.00511

TOTAL POINTS      175.00511

Project Name, Number

Priority List Rank

WATCHUNG BOROUGH  
340823-01  
COLLECTION SYSTEM

66

County

SOMERSET

Existing Population

5,110

Service Area

The planning area consists of the unsewered area of the East End Section of the Borough of Watchung.

Need for Project

The geological conditions make it extremely difficult to meet the NJ State Standards for individual on-site disposal system. In some portions of the project area, seasonally high water tables are common. Malfunctioning on-site systems, and potentially failing septic systems (based on percolation tests) adversely impact the Stony Brook (FW2-NT), which is used for nontrout fishing. Fecal coliform levels are unacceptable.

Project Description

The proposed project consists of sewer extensions for three separate residential sections of the Borough. One section is comprised of 34 lots (4 undeveloped) that will be served by approximately 5,300 feet of 8" sanitary sewers connected to existing Borough sewers which are connected to the PARAS interceptor system flowing to MCUA for treatment. The second section also going to MCUA for treatment is comprised of four existing homes and 2 proposed homes that will be served by approximately 1200 feet of 8" sanitary sewers and 395 feet of low head pressure sewer connecting to the existing Borough sewers. The other section is comprised of 19 existing homes that will be served by approximately 3,100 feet of 8" sanitary sewers connected to Berkeley Heights system for treatment.

Anticipated Recipient : WANAQUE VALLEY RSA  
 Project No. : 340780-03 Eligible Project Cost: \$ 2,718,518  
 FY01 Rank : 67  
 County : PASSAIC 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	25

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	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
<b>TOTAL POINTS</b>	<b>150.00971</b>

Project Name, Number

WANAQUE VALLEY RSA  
340780-03  
STP IMPROVEMENTS

Priority List Rank

67

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

Project Description

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

Anticipated Recipient : BUENA BOROUGH MUA

Project No. : 340518-04 Eligible Project Cost: \$ 2,049,114

FY01 Rank : 68

County : ATLANTIC 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	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	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      125.00370

Project Name, Number

Priority List Rank

BUENA BOROUGH MUA  
340518-04  
PUMP STATION, FORCE MAIN

68

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 :	PASSAIC VALLEY SEWERAGE COMMISSIONERS		
Project No. :	340689-06	Eligible Project Cost:	\$ 63,223,700
FY01 Rank :	69		
County :	ESSEX	Total State Amount :	\$ 63,223,700

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	7.50000
Population	1.35000
<b>TOTAL POINTS</b>	<b>108.85000</b>

Project Name, Number

Priority List Rank

PASSAIC VALLEY SEWERAGE COMMISSIONERS  
340689-06  
SLUDGE MANAGEMENT

69

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 : BRIDGEWATER TOWNSHIP  
 Project No. : 340638-03 Eligible Project Cost : \$ 2,273,143  
 FY01 Rank : 70  
 County : SOMERSET Total State Amount : \$ 2,273,143

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

	8.00000
State Planning Commission	
Population	0.00133
TOTAL POINTS	108.00133

Project Name, Number

BRIDGEWATER TOWNSHIP  
340638-03  
COLLECTION SYSTEM

Priority List Rank

70

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 : HUDSON COUNTY UA (AREA I)  
 Project No. : 340900-01 Eligible Project Cost : \$ 26,962,839  
 FY01 Rank : 71  
 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	7.50000
Population	0.21858
<b>TOTAL POINTS</b>	<b>107.71858</b>

Project Name, Number

Priority List Rank

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

71

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

FY01 Rank : 72

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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      7.50000

Population      0.08700

TOTAL POINTS      107.58700

Project Name, Number

Priority List Rank

CAMDEN CITY  
340366-02  
SLUDGE MANAGEMENT

72

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	:	HIGHTSTOWN BOROUGH		
Project No.	:	340915-02	Eligible Project Cost:	\$ 804,506
FY01 Rank	:	73		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	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	7.50000
Population	0.00513
TOTAL POINTS	107.50513

Project Name, Number

HIGHTSTOWN BOROUGH  
340915-02  
SLUDGE MANAGEMENT

Priority List Rank

73

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

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Anticipated Recipient :	LONG BRANCH SA		
Project No. :	340820-03	Eligible Project Cost:	\$ 3,766,422
FY01 Rank :	74		
County :	MONMOUTH	Total State Amount :	\$ 3,766,422
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<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	5.00000
Population	0.03006
<b>TOTAL POINTS</b>	<b>105.03006</b>

Project Name, Number

Priority List Rank

LONG BRANCH SA  
340820-03  
SLUDGE TREATMENT & DISPOSAL

74

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 :	RARITAN BOROUGH		
Project No. :	340781-03	Eligible Project Cost :	\$ 551,932
FY01 Rank :	75		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	5.00000
Population	0.00010
<b>TOTAL POINTS</b>	<b>105.00010</b>

Project Name, Number

Priority List Rank

RARITAN BOROUGH  
340781-03  
COLLECTION SYSTEM

75

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	:	PASSAIC VALLEY SC		
Project No.	:	340683-05	Eligible Project Cost:	\$ 132,505,940
FY01 Rank	:	76		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	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	1.35000
<b>TOTAL POINTS</b>	<b>101.35000</b>

Project Name, Number

Priority List Rank

PASSAIC VALLEY SC

76

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 : ESSEX-UNION JOINT MEETING  
 Project No. : 340686-03 Eligible Project Cost : \$ 19,257,315  
 FY01 Rank : 77  
 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.60001</b>

Project Name, Number

Priority List Rank

ESSEX-UNION JOINT MEETING  
340686-03  
SLUDGE TREATMENT & DISPOSAL

77

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.	:	340686-02	Eligible Project Cost:	\$ 17,248,456
FY01 Rank	:	78		
County	:	UNION	Total State Amount	\$ 17,248,456

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.60000
TOTAL POINTS	100.60000

Project Name, Number

Priority List Rank

ESSEX-UNION JOINT MEETING  
340686-02  
SLUDGE MANAGEMENT

78

County

UNION

Existing Population

600,000

Service Area

East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union, West Orange, Elizabeth

Need for Project

Improvements to the STP are needed to ensure operational reliability and component integrity. Certain process equipment must be replaced or improved.

Project Description

The proposed project includes installation of a new coarse-screenings conveyor, a new fine-screenings conveyor, a new grit conveyor, four new grit-collector drives and construction of a central container-storage area. A cover and gas mixing system will be installed on the largest sludge storage tank. Structural repairs to the walkways above the water surface are planned as well as inspection and repairs to the scraper. The existing center feed well baffles will be modified to improve distribution of flow and settling. New perimeter baffles are planned to improve settling and retard the spillage of pin-floc. The centrifuges are planned to be replaced with gravity-belt thickeners and related supporting equipment. The driven generators will be replaced with new clean-burn engines to meet current air discharge regulations. The sizes will be increased to meet the anticipated increase in production of digester gas due to tank mixing upgrades. A series of isolation valves in the pipe gallery will be replaced with motorized valves controlled by a computer program that can be tailored to process demands.

Anticipated Recipient : BERGEN COUNTY UA

Project No. : 340687-05 Eligible Project Cost: \$ 37,834,533

FY01 Rank : 79

County : BERGEN Total State Amount : \$ 37,834,533

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
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                      0.49114  
TOTAL POINTS                      100.49114

Project Name, Number

Priority List Rank

BERGEN COUNTY UA  
340687-05  
SLUDGE MANAGEMENT

79

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
FY01 Rank	:	80		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.48867</b>

Project Name, Number

Priority List Rank

CAMDEN COUNTY MUA  
340640-06  
SLUDGE MANAGEMENT

80

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.

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Anticipated Recipient :	BURLINGTON COUNTY BOARD OF FREEHOLDERS		
Project No. :	340818-04	Eligible Project Cost:	\$ 10,144,771
FY01 Rank :	82		
County :	BURLINGTON	Total State Amount :	\$ 10,144,771
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<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.38246
<b>TOTAL POINTS</b>	<b>100.38246</b>

Project Name, Number

Priority List Rank

BURLINGTON COUNTY BOARD OF FREEHOLDERS  
340818-04  
SLUDGE MANAGEMENT

82

County

BURLINGTON

Existing Population

382,460

Service Area

Burlington County

Need for Project

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

Project Description

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

Anticipated Recipient : PASSAIC VALLEY WATER COMMISSION  
 Project No. : 340322-02. Eligible Project Cost: \$ 5,128,616  
 FY01 Rank : 83  
 County : PASSAIC Total State Amount : \$ 5,128,616

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	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	0.22221
<b>TOTAL POINTS</b>	<b>100.22221</b>

Project Name, Number

Priority List Rank

PASSAIC VALLEY WATER COMMISSION  
340322-02  
SLUDGE MANAGEMENT

83

County

PASSAIC

Existing Population

222,210

Service Area

Paterson, Passaic, Clifton, Prospect Park and Lodi

Need for Project

The project is designed to improve the operation of the treatment plant's backwash system. The proposed improvements will enhance the settling characteristics of the backwash residuals, minimize the amount of return water to the head of the plant, and improve overall treated water quality. The project will also increase the amount of available storage for the backwash water, which will minimize the possibility of overflows to the Passaic River.

Project Description

The project consists of modifications to the existing backwash water pumping facilities and a new 800,000-gallon steel backwash water equalization tank, piping, valves, instrumentation and appurtenances.

Anticipated Recipient : HUDSON COUNTY UA  
 Project No. : 340399-15 Eligible Project Cost: \$ 20,024,455  
 FY01 Rank : 84  
 County : HUDSON Total State Amount : \$ 20,024,455

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.22135
TOTAL POINTS	100.22135

Project Name, Number

Priority List Rank

HUDSON COUNTY UA  
340399-15  
SLUDGE TREATMENT & DISPOSAL

84

County

HUDSON

Existing Population

221,350

Service Area

Guttenberg, Hoboken, North Bergen Township, Secaucus, Union City,  
Weehawken, West New York

Need for Project

Landfilling of sludge in Pennsylvania is the primary means of sludge disposal for the Hudson County treatment plants. However, this is a short term solution only.

Project Description

This project is the third segment of the Hudson County Utilities Authority's segmented sludge management plan. The proposed project is the construction of a fluidized bed incinerator that is to accept municipal sludge generated within the county.

Anticipated Recipient	:	RAHWAY VALLEY SA		
Project No.	:	340547-05	Eligible Project Cost:	\$ 4,464,719
FY01 Rank	:	85		
County	:	UNION	Total State Amount	\$ 4,464,719

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.17373
<b>TOTAL POINTS</b>	<b>100.17373</b>

Project Name, Number

Priority List Rank

RAHWAY VALLEY SA  
340547-05  
SLUDGE DEWATERING

85

County

UNION

Existing Population

173,730

Service Area

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

Need for Project

RVSA operates a 35 mgd secondary sewage treatment plant which produces 11 dry tons/day of gravity thickened and anaerobically digested sludge which is currently dewatered and shipped to Ohio for land reclamation. This interim sludge disposal alternative was implemented by the RVSA 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 1979 for a land-based sludge management study, which recommended to implement a sludge disposal scheme consisting of dewatering and thermal reduction. The Sludge Management Plan dated May 22, 1991 recommended pelletization in Pennsylvania. The RVSA 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 : ATLANTIC COUNTIES UTILITIES AUTHORITY  
 Project No. : 340809-05 Eligible Project Cost : \$ 2,894,998  
 FY01 Rank : 86  
 County : ATLANTIC Total State Amount : \$ 2,894,998

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.16367
<b>TOTAL POINTS</b>	<b>100.16367</b>

Project Name, Number

Priority List Rank

ATLANTIC COUNTIES UTILITIES AUTHORITY  
340809-05  
SLUDGE MANAGEMENT

86

County

ATLANTIC

Existing Population

163,667

Service Area

The municipalities of Absecon City, Atlantic City, Brigantine City, Buena Borough, Corbin City, Egg Harbor City, Egg Harbor Township, Galloway Township, Hamilton Township, Hammonton Town, Linwood City, Longport Borough, Margate City, Mullica Township, Northfield City, Pleasantville City, Somers Point City and Ventnor City and Weymouth Township.

Need for Project

Three municipal and several institutional sewage treatment plants are operating in Atlantic County within three planning areas. The majority of the treatment plants dispose of their sludge through incineration at the ACUA City Island Facility.

Project Description

The project is to upgrade the existing sludge incinerator's heat recovery after-burner unit. The project objective is to maintain consistent compliance with local, state and federal standards while increasing the burning capacity and reducing the after-burner fuel demand.

Anticipated Recipient	:	ATLANTIC COUNTY UA		
Project No.	:	340405-04	Eligible Project Cost:	\$ 19,607,239
FY01 Rank	:	86		
County	:	ATLANTIC	Total State Amount	\$ 19,607,239

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.16367
<b>TOTAL POINTS</b>	<b>100.16367</b>

Project Name, Number

Priority List Rank

ATLANTIC COUNTY UA  
340405-04  
SLUDGE MANAGEMENT

86

County

ATLANTIC

Existing Population

163,667

Service Area

Several Municipalities in Atlantic County and Mercer County

Need for Project

The Authority has several goals for this project. First, to diversify the Authority's method (by providing a back-up for the existing sludge incinerators) and increase capacity for the disposal of municipal wastewater sludge. The second goal relates to the Interdistrict Agreement by which the ACUA is required to accept up to 19,000 tons per year of compostable material from Mercer County. Finally, to meet the Authority's recycling goals, large source separated generations of food waste within the county will be directed to the proposed facility.

Project Description

The Authority is planning to construct an Enclosed Composting Facility at the Environmental Park Site in Egg Harbor Township. The facility will process the following selective waste streams: food waste, municipal wastewater sludge, vegetative waste and clean wood waste. These selective waste streams will produce a compost which can be used as a soil amendment. The proposed facility has an array of unique features to avoid the pitfalls of other composting facilities which have been forced to close due to mechanical and odor control problems. An integrated building ventilation system, including a biofilter for odor control will be constructed. The facility will be totally enclosed and designed to handle 159 wet tons per day.

Anticipated Recipient	:	SUSSEX COUNTY MUA		
Project No.	:	342008-01	Eligible Project Cost:	\$ 2,451,173
FY01 Rank	:	88		
County	:	SUSSEX	Total State Amount	: \$ 2,451,173

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.13094
<b>TOTAL POINTS</b>	<b>100.13094</b>

Project Name, Number

Priority List Rank

SUSSEX COUNTY MUA  
342008-01  
LANDFILL CLOSURE

88

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  
 FY01 Rank : 89  
 County : MORRIS Total State Amount : \$ 16,116,128

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	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	0.12063
<b>TOTAL POINTS</b>	<b>100.12063</b>

Project Name, Number

Priority List Rank

ROCKAWAY VALLEY REG SA  
340821-03  
SLUDGE TREATMENT/DISPOSAL

89

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	:	PARSIPPANY-TROY HILLS TWP		
Project No.	:	340886-01	Eligible Project Cost:	\$ 1,398,180
FY01 Rank	:	90		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	100

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	0.06310
<b>TOTAL POINTS</b>	<b>100.06310</b>

Project Name, Number

Priority List Rank

PARSIPPANY-TROY HILLS TWP  
340886-01  
SLUDGE HANDLING FACILITIES

90

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 :	CAPE MAY COUNTY MUA		
Project No. :	340661-06	Eligible Project Cost :	\$ 12,302,395
FY01 Rank :	91		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

91

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
FY01 Rank	:	92		
County	:	MERCER	Total State Amount	: \$ 10,549,210

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.05000
<b>TOTAL POINTS</b>	<b>100.05000</b>

Project Name, Number

Priority List Rank

STONY BROOK REGIONAL SA  
340400-04  
SLUDGE MANAGEMENT IMPROVEMENTS

92

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  
 FY01 Rank : 93  
 County : PASSAIC Total State Amount : \$ 25,607,620

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	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	0.04776
	TOTAL POINTS	100.04776

Project Name, Number

Priority List Rank

WANAQUE VALLEY REG SA  
340390-05  
SLUDGE/SEPTAGE TREATMENT/DISPOSAL

93

County

PASSAIC

Existing Population

47,760

Service Area

The Wanaque Valley Regional Sewerage Authority's (WVRS) 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 WVRS'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 WVRS's service area accepting septage wastes at this time. The TBRSA's facility is currently identified as disposal site for septage generated in the WVRS'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 WVRS 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 WVRS 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 WVRS and PRBRSA regions.

Anticipated Recipient	:	WAYNE TOWNSHIP		
Project No.	:	340929-01	Eligible Project Cost:	\$ 1,861,346
FY01 Rank	:	94		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.04555
<b>TOTAL POINTS</b>	<b>100.04555</b>

Project Name, Number

Priority List Rank

WAYNE TOWNSHIP  
340929-01  
COLLECTION SYSTEM

94

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 SA		
Project No.	:	340839-02	Eligible Project Cost:	\$ 8,151,707
FY01 Rank	:	95		
County	:	SOMERSET	Total State Amount	: \$ 8,151,707

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.04278
<b>TOTAL POINTS</b>	<b>100.04278</b>

Project Name, Number

FRANKLIN TOWNSHIP SA  
340839-02  
COLLECTION SYSTEM

Priority List Rank

95

County

SOMERSET

Existing Population

42,780

Service Area

Sunset Hill and Griggstown Sections of Franklin Township

Need for Project

The Sunset Hill and Griggstown sections of Franklin Township have been experiencing on-site disposal problems due to high groundwater and shallow bedrock. The failing systems pose a threat to area wells. A preliminary survey revealed several failed septic systems in this area.

Project Description

The proposed project will include the construction of a new pump station, 37,000 LF of gravity sewer, 7,000 LF of force main along with grinder pumps and appurtenances.

Anticipated Recipient	:	LINDEN CITY		
Project No.	:	342005-01	Eligible Project Cost:	\$ 9,482,452
FY01 Rank	:	96		
County	:	UNION	Total State Amount	\$ 9,482,452

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	100
	Subtotal	100

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	0.03670
<b>TOTAL POINTS</b>	<b>100.03670</b>

Project Name, Number

Priority List Rank

LINDEN CITY

96

342005-01

NPS MANAGEMENT/LANDFILL CLOSURES

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
FY01 Rank	:	97		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

97

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.

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Anticipated Recipient : WINSLOW TWP  
 Project No. : 340895-02 Eligible Project Cost: \$ 2,722,377  
 FY01 Rank : 98  
 County : CAMDEN Total State Amount : \$ 2,722,377

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

<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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.03009
TOTAL POINTS	100.03009

Project Name, Number

Priority List Rank

WINSLOW TWP

98

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	:	WINSLOW TOWNSHIP		
Project No.	:	340895-06	Eligible Project Cost:	\$ 3,866,213
FY01 Rank	:	98		
County	:	CAMDEN	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	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	0
Fecal 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
<b>TOTAL POINTS</b>	<b>100.03009</b>

Project Name, Number

Priority List Rank

WINSLOW TOWNSHIP  
340895-06  
COLLECTION SYSTEM

98

County

CAMDEN

Existing Population

30,087

Service Area

Winslow Township

Need for Project

A portion of Winslow Township is presently served by on-site systems. Many of these systems may be 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 : MT HOLLY SA  
 Project No. : 340819-02 Eligible Project Cost: \$ 5,203,507  
 FY01 Rank : 100  
 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	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

	0.00000
State Planning Commission	
Population	0.02659
TOTAL POINTS	100.02659

Project Name, Number

Priority List Rank

MT HOLLY SA  
340819-02  
SLUDGE MANAGEMENT

100

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
FY01 Rank	:	101		
County	:	MONMOUTH	Total State Amount	: \$ 4,886,714

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.02471
TOTAL POINTS	100.02471

Project Name, Number

FREEHOLD TOWNSHIP  
340304-01  
COLLECTION SYSTEM

Priority List Rank

101

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	:	GLOUCESTER CO UA (MONROE)		
Project No.	:	340526-03	Eligible Project Cost:	\$ 2,911,180
FY01 Rank	:	102		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.02314
TOTAL POINTS	100.02314

Project Name, Number

Priority List Rank

GLOUCESTER CO UA (MONROE)  
340526-03  
COLLECTION SYSTEM, SLUDGE MANAGEMENT

102

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
FY01 Rank	:	103		
County	:	MIDDLESEX	Total State Amount	: \$ 1,254,485

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.02236
<b>TOTAL POINTS</b>	<b>100.02236</b>

Project Name, Number

Priority List Rank

SOUTH BRUNSWICK TOWNSHIP  
340897-01  
COLLECTION SYSTEM

103

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	:	ROCKAWAY TOWNSHIP		
Project No.	:	340478-05	Eligible Project Cost:	\$ 17,510,632
FY01 Rank	:	104		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.01956</b>

Project Name, Number

Priority List Rank

ROCKAWAY TOWNSHIP  
340478-05  
COLLECTION SYSTEM, INTERCEPTOR

104

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	:	ASBURY PARK CITY		
Project No.	:	340883-01	Eligible Project Cost:	\$ 746,386
FY01 Rank	:	105		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.01625
<b>TOTAL POINTS</b>	<b>100.01625</b>

Project Name, Number

Priority List Rank

ASBURY PARK CITY

105

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
FY01 Rank	:	106		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	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	0
Fecal 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
<b>TOTAL POINTS</b>	<b>100.01620</b>

Project Name, Number

MONTVILLE TOWNSHIP MUA  
340931-02  
COLLECTION SYSTEM

Priority List Rank

106

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	:	MANCHESTER TWP		
Project No.	:	340650-03	Eligible Project Cost:	\$ 8,972,628
FY01 Rank	:	107		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

<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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.01540
<b>TOTAL POINTS</b>	<b>100.01540</b>

Project Name, Number

Priority List Rank

MANCHESTER TWP  
340650-03  
COLLECTION SYSTEM

107

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
FY01 Rank	:	108		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.01530
<b>TOTAL POINTS</b>	<b>100.01530</b>

Project Name, Number

Priority List Rank

BERNARDS TOWNSHIP SA  
340382-02  
COLLECTION SYSTEM

108

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
FY01 Rank	:	109		
County	:	GLOUCESTER	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.01448
<b>TOTAL POINTS</b>	<b>100.01448</b>

Project Name, Number

Priority List Rank

GLOUCESTER COUNTY UA (FRANKLIN TWP)  
340461-04  
INTERCEPTOR, PUMP STATION, FORCE MAIN,

109

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
FY01 Rank	:	110		
County	:	BERGEN	Total State Amount	: \$ 40,854,622

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.01300
<b>TOTAL POINTS</b>	<b>100.01300</b>

Project Name, Number

Priority List Rank

OAKLAND BOROUGH  
340418-05  
COLLECTION SYSTEM

110

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	:	VERNON TWP		
Project No.	:	340745-02	Eligible Project Cost:	\$ 6,677,126
FY01 Rank	:	111		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	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	0
Fecal 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
<b>TOTAL POINTS</b>	<b>100.01108</b>

Project Name, Number

Priority List Rank

VERNON TWP

111

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	:	WANAQUE BOROUGH		
Project No.	:	340434-02	Eligible Project Cost:	\$ 306,771
FY01 Rank	:	112		
County	:	PASSAIC	Total State Amount	: \$ 306,771

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	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	0
Fecal 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
<b>TOTAL POINTS</b>	<b>100.01058</b>

Project Name, Number

Priority List Rank

WANAQUE BOROUGH  
340434-02  
COLLECTION SYSTEM, INTERCEPTOR

112

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 : MAHWAH TOWNSHIP

Project No. : 340592-03 Eligible Project Cost: \$ 9,194,418

FY01 Rank : 113

County : BERGEN Total State Amount : \$ 9,194,418

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

113

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 : WESTWOOD BOROUGH

Project No. : 342006-01 Eligible Project Cost: \$ 5,308,104

FY01 Rank : 114

County : BERGEN 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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 0.01045

TOTAL POINTS 100.01045

Project Name, Number

WESTWOOD BOROUGH  
342006-01  
LANDFILL CLOSURE

Priority List Rank

114

County

BERGEN

Existing Population

10,446

Service Area

City of Linden

Need for Project

The construction of a permanent low permeability capping system over the Westwood Landfill will reduce the quantity of stormwater currently infiltrating the Landfill and will therefore reduce the quantity of leachate generated and eventually seeping into the adjacent Pascack Brook, which in turn flows into the Oradell Reservoir.

Project Description

The project will include the construction of approximately 20 acres of cap system over the Westwood Landfill. The cap will include low permeability soil to limit stormwater infiltration and leachate generation. The project also includes a passive gas venting system as well as re-grading the site to promote the drainage and collection of stormwater to reduce the runoff into Pascack Creek.

Anticipated Recipient	:	WANTAGE TWP		
Project No.	:	340760-03	Eligible Project Cost:	\$ 572,805
FY01 Rank	:	115		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00949</b>

Project Name, Number

Priority List Rank

WANTAGE TWP

115

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.	:	340403-04	Eligible Project Cost:	\$ 1,259,960
FY01 Rank	:	116		
County	:	MORRIS	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00936</b>

Project Name, Number

Priority List Rank

CHATHAM TOWNSHIP

116

340403-04

NEW COLLECTION SYSTEM & INTERCEPTORS

County

MORRIS

Existing Population

9,361

Service Area

Township of Chatham

Need for Project

Certain areas of the Township have malfunctioning septic systems which have been creating potential health problems and a public nuisance.

Project Description

The Township proposes to extend the sanitary sewers within Mountainside Drive, Ridge Road, Valley View Road, Club Road and Ormont Road; and extend the sewer within a short section of River Road. The project will serve the sanitary sewerage needs of approximately 30 existing houses. These sewer extensions were included in the Wastewater Management Plan approved by the DEP in August 1993.

Anticipated Recipient	:	CHATHAM TOWNSHIP		
Project No.	:	340403-05	Eligible Project Cost:	\$ 708,917
FY01 Rank	:	116		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00936
<b>TOTAL POINTS</b>	<b>100.00936</b>

Project Name, Number

Priority List Rank

CHATHAM TOWNSHIP

116

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	:	UPPER SADDLE RIVER, BOROUGH OF		
Project No.	:	340909-01	Eligible Project Cost:	\$ 1,384,609
FY01 Rank	:	118		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00784
TOTAL POINTS	100.00784

Project Name, Number

Priority List Rank

UPPER SADDLE RIVER, BOROUGH OF  
340909-01  
COLLECTION SYSTEM, INTERCEPTOR

118

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
FY01 Rank	:	119		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00766</b>

Project Name, Number

Priority List Rank

LONG HILL TWP  
340404-05  
COLLECTION SYSTEM, INTERCEPTOR

119

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	:	CHESTERFIELD TOWNSHIP		
Project No.	:	340944-01	Eligible Project Cost:	\$ 17,883,950
FY01 Rank	:	120		
County	:	BURLINGTON	Total State Amount	: \$ 17,883,950

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00710
<b>TOTAL POINTS</b>	<b>100.00710</b>

Project Name, Number

Priority List Rank

CHESTERFIELD TOWNSHIP  
340944-01  
COLLECTION SYSTEM, STP

120

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 Village of Crosswicks is in need of sanitary services to eliminate existing individual on-site disposal system problems.

Project Description

The proposed project consists of a collection system, trunk sewer, and three pumping stations to serve the Village of Crosswicks and receiving zone which will be developed to implement a TDR program. Wastewater treatment will be provided either by the Wagner Youth Correction Facility or by construction of a new STP.

Anticipated Recipient : MANCHESTER TOWNSHIP  
 Project No. : 340650-05 Eligible Project Cost: \$ 13,791,502  
 FY01 Rank : 121  
 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00646
<b>TOTAL POINTS</b>	<b>100.00646</b>

Project Name, Number

Priority List Rank

MANCHESTER TOWNSHIP  
340650-05  
PUMP STATION, FORCE MAIN

121

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	:	CARLSTADT SA		
Project No.	:	340705-03	Eligible Project Cost:	\$ 5,342,181
FY01 Rank	:	122		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00612
<b>TOTAL POINTS</b>	<b>100.00612</b>

Project Name, Number

CARLSTADT SA  
340705-03  
NEW INTERCEPTOR SEWERS/COLLECTION SYSTEM

Priority List Rank

122

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

FY01 Rank : 123

County : HUNTERDON Total State Amount : \$ 4,076,260

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	100
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
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      0.00610

TOTAL POINTS      100.00610

Project Name, Number

Priority List Rank

MILFORD BOROUGH

123

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
FY01 Rank	:	124		
County	:	OCEAN	Total State Amount	: \$ 16,278,611

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00601
<b>TOTAL POINTS</b>	<b>100.00601</b>

Project Name, Number

Priority List Rank

PLUMSTED TWP MUA  
340607-03  
COLLECTION SYSTEM, STP

124

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	:	MAHWAH TOWNSHIP		
Project No.	:	340737-01	Eligible Project Cost:	\$ 230,325
FY01 Rank	:	125		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00600</b>

Project Name, Number

Priority List Rank

MAHWAH TOWNSHIP

125

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
FY01 Rank	:	126		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00596</b>

Project Name, Number

Priority List Rank

SUSSEX CO. MUA-BRANCHVILLE/FRANKFORD  
340759-02  
COLLECTION SYSTEM

126

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	:	FAIRFIELD TOWNSHIP		
Project No.	:	342004-01	Eligible Project Cost:	\$ 1,645,877
FY01 Rank	:	127		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00570
<b>TOTAL POINTS</b>	<b>100.00570</b>

Project Name, Number

Priority List Rank

FAIRFIELD TOWNSHIP  
342004-01  
LANDFILL CLOSURE

127

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
FY01 Rank	:	128		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00557
<b>TOTAL POINTS</b>	<b>100.00557</b>

Project Name, Number

WHARTON BOROUGH  
340489-03  
COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

128

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  
 FY01 Rank : 129  
 County : CAMDEN Total State Amount : \$ 847,274

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00555
<b>TOTAL POINTS</b>	<b>100.00555</b>

Project Name, Number

Priority List Rank

BERLIN TOWNSHIP  
340790-02  
COLLECTION SYSTEM

129

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
FY01 Rank	:	130		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00511</b>

Project Name, Number

Priority List Rank

FRANKFORD TWP  
340742-02  
COLLECTION SYSTEM

130

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	:	BLAIRSTOWN TWP		
Project No.	:	340568-02	Eligible Project Cost:	\$ 1,512,694
FY01 Rank	:	131		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

<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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.00489
<b>TOTAL POINTS</b>	<b>100.00489</b>

Project Name, Number

Priority List Rank

BLAIRSTOWN TWP  
340568-02  
COLLECTION SYSTEM

131

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 : OLD BRIDGE MUA  
 Project No. : 340945-04 Eligible Project Cost: \$ 33,032,119  
 FY01 Rank : 132  
 County : MIDDLESEX Total State Amount : \$ 33,032,119

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00475
TOTAL POINTS	100.00475

Project Name, Number

OLD BRIDGE MUA  
340945-04  
COLLECTION SYSTEM

Priority List Rank

132

County

MIDDLESEX

Existing Population

4,750

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.

NEW JERSEY STATE LIBRARY

Anticipated Recipient : DENVILLE TOWNSHIP  
 Project No. : 340466-03 Eligible Project Cost: \$ 18,210,232  
 FY01 Rank : 133  
 County : MORRIS Total State Amount : \$ 18,210,232

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00450
	TOTAL POINTS	100.00450

Project Name, Number

Priority List Rank

DENVILLE TOWNSHIP  
340466-03  
COLLECTION SYSTEM, PUMP STATION, FORCE MAIN

133

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	:	OLD TAPPAN BOROUGH		
Project No.	:	340948-03	Eligible Project Cost:	\$ 3,933,132
FY01 Rank	:	134		
County	:	BERGEN	Total State Amount :	\$ 3,933,132

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00425
TOTAL POINTS	100.00425

Project Name, Number

Priority List Rank

OLD TAPPAN BOROUGH  
340948-03  
COLLECTION SYSTEM

134

County

BERGEN

Existing Population

4,254

Service Area

This project will serve various areas throughout the Borough.

Need for Project

Many areas of the Borough presently served by on-site systems have experienced problems and malfunctions due to poor soils and small lot sizes. In addition to a number of septic system replacements and repairs, other indications of problems include odors, wet ground conditions, slow drainage of plumbing fixtures, and backups into homes.

Project Description

This project is for the construction of collection systems to serve three areas (Orangeburg Road, Greenwoods Road and Olsen Lane) in the Borough as well as construction of a pump station. All three areas will tie into Bergen County Utilities Authority interceptors.

Anticipated Recipient	:	HAMMONTON TOWN		
Project No.	:	340927-03	Eligible Project Cost:	\$ 4,983,647
FY01 Rank	:	135		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00270
TOTAL POINTS	100.00270

Project Name, Number

Priority List Rank

HAMMONTON TOWN  
340927-03  
COLLECTION SYSTEM

135

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	:	RIVERDALE BOROUGH		
Project No.	:	340729-01	Eligible Project Cost:	\$ 1,744,301
FY01 Rank	:	136		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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  
340729-01  
COLLECTION SYSTEM, INTERCEPTOR

136

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
FY01 Rank	:	137		
County	:	MORRIS	Total State Amount	\$ 4,345,404

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

Priority List Rank

RIVERDALE BOROUGH  
340473-01  
INTERCEPTOR

137

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
FY01 Rank	:	138		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00235
TOTAL POINTS	100.00235

Project Name, Number

Priority List Rank

MAHWAH TOWNSHIP  
340592-06  
COLLECTION SYSTEM, INTERCEPTOR

138

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	:	WEST PATERSON BOROUGH		
Project No.	:	340778-03	Eligible Project Cost:	\$ 2,033,302
FY01 Rank	:	139		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

139

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	:	SWEDESBORO BOROUGH		
Project No.	:	340292-01	Eligible Project Cost:	\$ 536,401
FY01 Rank	:	140		
County	:	GLOUCESTER	Total State Amount	\$ 536,401

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00211
<b>TOTAL POINTS</b>	<b>100.00211</b>

Project Name, Number

SWEDESBORO BOROUGH  
340292-01  
COLLECTION SYSTEM

Priority List Rank

140

County

GLOUCESTER

Existing Population

2,111

Service Area

Unsewered areas within the Borough of Swedesboro

Need for Project

The construction of sanitary sewers will eliminate the use of existing, failing on-site septic systems. Wastewater will be treated at the existing Swedesboro treatment facility.

Project Description

The proposed project consists of construction of 5300 LF of 8" PVC sewer mains, 2400 LF of force main, 3 pump stations, and one grinder pump with 200 LF of 1" force main along with necessary appurtenances to serve 57 existing houses.

Anticipated Recipient	:	EVESHAM MUA		
Project No.	:	340838-01	Eligible Project Cost:	\$ 3,665,234
FY01 Rank	:	141		
County	:	BURLINGTON	Total State Amount	: \$ 3,665,234

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00210
<b>TOTAL POINTS</b>	<b>100.00210</b>

Project Name, Number

Priority List Rank

EVESHAM MUA  
340838-01  
ALTERNATIVE WASTEWATER SYSTEM

141

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	:	STAFFORD MUA		
Project No.	:	340946-02	Eligible Project Cost:	\$ 7,975,913
FY01 Rank	:	142		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00190
TOTAL POINTS	100.00190

Project Name, Number

Priority List Rank

STAFFORD MUA  
340946-02  
COLLECTION SYSTEM

142

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	:	KINNELON BOROUGH		
Project No.	:	340487-02	Eligible Project Cost:	\$ 9,964,412
FY01 Rank	:	143		
County	:	MORRIS	Total State Amount	: \$ 9,964,412

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00170
TOTAL POINTS	100.00170

Project Name, Number

Priority List Rank

KINNELON BOROUGH  
340487-02  
COLLECTION SYSTEM

143

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	:	HOPE TOWNSHIP		
Project No.	:	340872-01	Eligible Project Cost:	\$ 508,696
FY01 Rank	:	144		
County	:	WARREN	Total State Amount	: \$ 508,696

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00166
<b>TOTAL POINTS</b>	<b>100.00166</b>

Project Name, Number

Priority List Rank

HOPE TOWNSHIP  
340872-01  
INTERCEPTOR SEWERS

144

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	:	ESTELL MANOR CITY		
Project No.	:	342002-01	Eligible Project Cost:	\$ 1,232,571
FY01 Rank	:	145		
County	:	CUMBERLAND	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00140</b>

Project Name, Number

Priority List Rank

ESTELL MANOR CITY  
342002-01  
LANDFILL CLOSURE

145

County

CUMBERLAND

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
FY01 Rank	:	146		
County	:	MORRIS	Total State Amount	: \$ 9,333,821

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00134
<b>TOTAL POINTS</b>	<b>100.00134</b>

Project Name, Number

Priority List Rank

PEQUANNOCK TOWNSHIP  
340480-06  
COLLECTION SYSTEM

146

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
FY01 Rank	:	147		
County	:	GLOUCESTER	Total State Amount	\$ 3,335,192

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00131
<b>TOTAL POINTS</b>	<b>100.00131</b>

Project Name, Number

Priority List Rank

WASHINGTON TOWNSHIP  
340930-01  
COLLECTION SYSTEM

147

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  
 FY01 Rank : 148  
 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	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	0
Fecal 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
<b>TOTAL POINTS</b>	<b>100.00128</b>

Project Name, Number

Priority List Rank

MANCHESTER TOWNSHIP  
340650-06  
PUMP STATION, FORCE MAIN

148

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	:	VOORHEES TOWNSHIP		
Project No.	:	340875-01	Eligible Project Cost:	\$ 8,505,612
FY01 Rank	:	149		
County	:	CAMDEN	Total State Amount :	\$ 8,505,612

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	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	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00118
TOTAL POINTS	100.00118

Project Name, Number

Priority List Rank

VOORHEES TOWNSHIP

149

340875-01

COLLECTION SYSTEM, FORCE MAIN & PUMP STATION

County

CAMDEN

Existing Population

1,180

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	:	RARITAN TOWNSHIP MUA		
Project No.	:	340485-04	Eligible Project Cost:	\$ 8,583,061
FY01 Rank	:	150		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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  
340485-04

150

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
FY01 Rank	:	151		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00091
TOTAL POINTS	100.00091

Project Name, Number

Priority List Rank

UPPER TWP (STRATHMERE)  
340619-03  
COLLECTION SYSTEM, INTERCEPTOR

151

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
FY01 Rank	:	152		
County	:	MORRIS	Total State Amount	: \$ 6,403,679

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00086</b>

Project Name, Number

Priority List Rank

PEQUANNOCK TOWNSHIP  
340480-05  
COLLECTION SYSTEM

152

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
FY01 Rank	:	153		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

BRANCHVILLE BOROUGH  
340740-02  
COLLECTION SYSTEM

Priority List Rank

153

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
FY01 Rank	:	154		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00081</b>

Project Name, Number

Priority List Rank

SOUTHAMPTON TOWNSHIP  
340961-01  
SEWER SYSTEM, FORCE MAIN

154

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
FY01 Rank	:	155		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00080
TOTAL POINTS	100.00080

Project Name, Number

Priority List Rank

GALLOWAY TOWNSHIP  
340892-02  
COLLECTION SYSTEM

155

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  
 FY01 Rank : 156  
 County : BERGEN Total State Amount : \$ 708,917

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00066
TOTAL POINTS	100.00066

Project Name, Number

NORTH ARLINGTON BOROUGH  
340959-02  
COLLECTION SYSTEM

Priority List Rank

156

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
FY01 Rank	:	157		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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  
340831-01  
ALTERNATIVE WASTEWATER SYSTEM

157

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
FY01 Rank	:	158		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00055
<b>TOTAL POINTS</b>	<b>100.00055</b>

Project Name, Number

Priority List Rank

MILLSTONE BOROUGH  
340271-01  
COLLECTION SYSTEM

158

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
FY01 Rank	:	159		
County	:	MIDDLESEX	Total State Amount :	\$ 2,089,419

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00045</b>

Project Name, Number

PLAINSBORO TOWNSHIP  
340836-01  
COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

159

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.

Anticipated Recipient	:	WEST WILDWOOD BOROUGH		
Project No.	:	340626-04	Eligible Project Cost:	\$ 55,180
FY01 Rank	:	159		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00045</b>

Project Name, Number

Priority List Rank

WEST WILDWOOD BOROUGH  
340626-04  
COLLECTION SYSTEM

159

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	:	FRANKLIN TWP SA		
Project No.	:	340839-01	Eligible Project Cost:	\$ 1,589,512
FY01 Rank	:	161		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00042</b>

Project Name, Number

Priority List Rank

FRANKLIN TWP SA

161

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:	\$ 696,197
FY01 Rank	:	162		
County	:	GLOUCESTER	Total State Amount	: \$ 696,197

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00041
TOTAL POINTS	100.00041

Project Name, Number

Priority List Rank

CLAYTON BOROUGH (SILVER LAKE)  
340918-01  
COLLECTION SYSTEM

162

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
FY01 Rank	:	163		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00040</b>

Project Name, Number

Priority List Rank

PENNSVILLE SA  
340870-01  
COLLECTION SYSTEM

163

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
FY01 Rank	:	164		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00035
TOTAL POINTS	100.00035

Project Name, Number

Priority List Rank

BUENA BOROUGH MUA  
340833-01  
COLLECTION SYSTEM, STP

164

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
FY01 Rank	:	165		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00018
TOTAL POINTS	100.00018

Project Name, Number

Priority List Rank

PEQUANNOCK TOWNSHIP  
340480-03  
COLLECTION SYSTEM

165

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
FY01 Rank	:	166		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00014
TOTAL POINTS	100.00014

Project Name, Number

Priority List Rank

LINCOLN PARK BOROUGH  
340594-02  
COLLECTION SYSTEM

166

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	:	OLD BRIDGE MUA		
Project No.	:	340945-01	Eligible Project Cost:	\$ 1,894,929
FY01 Rank	:	167		
County	:	MIDDLESEX	Total State Amount	: \$ 1,894,929

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00012
TOTAL POINTS	100.00012

Project Name, Number

Priority List Rank

OLD BRIDGE MUA  
340945-01  
COLLECTION SYSTEM

167

County

MIDDLESEX

Existing Population

120

Service Area

Old Bridge Township; Genoa Area and Old Amboy Road

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 2 gravity collection systems and conveyance facilities which will transport sewage for treatment and disposal at the Middlesex County UA's STP.

Anticipated Recipient	:	FAIRFIELD TOWNSHIP		
Project No.	:	340957-01	Eligible Project Cost:	\$ 570,013
FY01 Rank	:	168		
County	:	ESSEX	Total State Amount	: \$ 570,013

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00011
TOTAL POINTS	100.00011

Project Name, Number

FAIRFIELD TOWNSHIP  
340957-01  
COLLECTION SYSTEM

Priority List Rank

168

County

ESSEX

Existing Population

110

Service Area

Township of Fairfield

Need for Project

Park Avenue and Broadway Lane of the Township's sanitary sewer systems have experienced of malfunctions and may be polluting the freshwater wetlands located within the flood plain of Passaic River.

Project Description

This project will provide 4,300 linear feet of collection system, two packaged pump stations and 1,750 linear feet of force main to eliminate 24 existing on-site systems located at the Park Avenue and the Broadway Lane areas of the Township.

Anticipated Recipient	:	WOODBRIAGE TOWNSHIP		
Project No.	:	340433-08	Eligible Project Cost:	\$ 36,885
FY01 Rank	:	169		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>100.00002</b>

Project Name, Number

WOODBIDGE TOWNSHIP  
340433-08  
COLLECTION SYSTEM

Priority List Rank

169

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 FREEHOLDER		
Project No.	:	342007-02	Eligible Project Cost:	\$ 11,971,732
FY01 Rank	:	170		
County	:	BURLINGTON	Total State Amount	: \$ 11,971,732

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	75
	Subtotal	<u>75</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.39507
<b>TOTAL POINTS</b>	<b>75.39507</b>

Project Name, Number

BURLINGTON COUNTY BOARD OF FREEHOLDER  
342007-02  
LANDFILL CELL

Priority List Rank

170

County

BURLINGTON

Existing Population

395,066

Service Area

Burlington 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 installation of a composite liner system, which includes leachate detection and collection as well as a leachate transportation system.

Anticipated Recipient	:	ATLANTIC COUNTY UA		
Project No.	:	342001-01	Eligible Project Cost:	\$ 7,517,010
FY01 Rank	:	171		
County	:	ATLANTIC	Total State Amount	: \$ 7,517,010

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	75
	Subtotal	<u>75</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	0.22433
TOTAL POINTS	75.22433

Project Name, Number

Priority List Rank

ATLANTIC COUNTY UA  
342001-01  
LANDFILL CELL

171

County

ATLANTIC

Existing Population

224,327

Service Area

Atlantic 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 installation of a composite liner system for cells 5&6, which includes leachate detection and collection as well as a leachate transportation system. Leachate collected from the liner system will flow by gravity to a submersible pumping station where it is pumped to an existing storage/equalization facility. From this facility the leachate is pumped into the regional wastewater system for treatment and final disposal at the ACUA City Island Treatment Plant.

Anticipated Recipient	:	SUSSEX COUNTY MUA		
Project No.	:	342008-02	Eligible Project Cost:	\$ 6,614,815
FY01 Rank	:	172		
County	:	SUSSEX	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	75
	Subtotal	<u>75</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	0.13094
TOTAL POINTS	75.13094

Project Name, Number

SUSSEX COUNTY MUA  
342008-02  
LANDFILL CELL

Priority List Rank

172

County

SUSSEX

Existing Population

130,943

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 : GALLOWAY TOWNSHIP  
 Project No. : 340892-03 Eligible Project Cost: \$ 9,008,725  
 FY01 Rank : 173  
 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>75</u>

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	<u>0</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.02333
<b>TOTAL POINTS</b>	<b>75.02333</b>

Project Name, Number

Priority List Rank

GALLOWAY TOWNSHIP  
340892-03  
STORMWATER

173

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	:	NEWARK CITY		
Project No.	:	340815-06	Eligible Project Cost:	\$ 2,149,828
FY01 Rank	:	174		
County	:	ESSEX	Total State Amount	: \$ 2,149,828

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	7.50000
Population	0.27522
<b>TOTAL POINTS</b>	<b>57.77522</b>

Project Name, Number

NEWARK CITY  
340815-06  
REHABILITATION

Priority List Rank

174

County

ESSEX

Existing Population

275,221

Service Area

Western portion of the City of Newark

Need for Project

The service area in the City of Newark has been experiencing chronic structural and flow backup problems. The existing sewers are vitrified clay tile pipe and the joints have become displaced and sags have developed due to settling causing a reduction in hydraulic carrying capacity. The project will not increase the service area or the original design capacity. The service area is not part of Newark's combined sewer system.

Project Description

The proposed project consists of the replacement of two existing sewers with a single sewer of approximately 4,425 LF. One existing clay interceptor will be removed and replaced with 1425 LF of 12" diameter and 3000 LF of 18" diameter PVC pipe. As part of this project the other existing parallel interceptor consisting of 2200 LF of 10" and 550 LF of 12" clay pipe is to be filled and abandoned in place. Also 390 LF of 8" sewer will be replaced.

Anticipated Recipient	:	PATERSON CITY		
Project No.	:	340850-01	Eligible Project Cost:	\$ 28,256,876
FY01 Rank	:	175		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	7.50000
Population	0.13945
<b>TOTAL POINTS</b>	<b>57.63945</b>

Project Name, Number

Priority List Rank

PATERSON CITY  
340850-01  
I/I CORRECTION

175

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	:	CAMDEN CITY		
Project No.	:	340641-01	Eligible Project Cost:	\$ 165,688
FY01 Rank	:	176		
County	:	CAMDEN	Total State Amount	\$ 165,688

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	<u>Subtotal</u>	<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
	<u>Subtotal</u>	<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
			<u>Subtotal</u>	<u>0</u>

State Planning Commission	7.50000
Population	0.08749
<b>TOTAL POINTS</b>	<b>57.58749</b>

Project Name, Number

CAMDEN CITY  
340641-01  
SEWER REHABILITATION

Priority List Rank

176

County

CAMDEN

Existing Population

87,490

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 2.3 miles of deteriorated brick sewers and provide new conveyance facilities.

Anticipated Recipient	:	CAMDEN CITY		
Project No.	:	340366-03	Eligible Project Cost:	\$ 22,131
FY01 Rank	:	177		
County	:	CAMDEN	Total State Amount	: \$ 22,131

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	7.50000
Population	0.08700
<b>TOTAL POINTS</b>	<b>57.58700</b>

Project Name, Number

CAMDEN CITY  
340366-03  
PS REHABILITATION

Priority List Rank

177

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	:	NEW BRUNSWICK CITY		
Project No.	:	340437-03	Eligible Project Cost:	\$ 2,491,339
FY01 Rank	:	178		
County	:	MIDDLESEX	Total State Amount	: \$ 2,491,339

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	7.50000
Population	0.04171
TOTAL POINTS	57.54171

Project Name, Number

Priority List Rank

NEW BRUNSWICK CITY

178

340437-03

I/I CORRECTION

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	:	CAPE MAY CITY		
Project No.	:	340258-01	Eligible Project Cost:	\$ 360,245
FY01 Rank	:	179		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	7.50000
Population	0.00650
<b>TOTAL POINTS</b>	<b>57.50650</b>

Project Name, Number

Priority List Rank

CAPE MAY CITY

179

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	:	AVALON BOROUGH		
Project No.	:	340864-01	Eligible Project Cost:	\$ 1,530,125
FY01 Rank	:	180		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	7.50000
Population	0.00181
TOTAL POINTS	57.50181

Project Name, Number

AVALON BOROUGH  
340864-01  
I/I CORRECTION

Priority List Rank

180

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
FY01 Rank	:	181		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	7.50000
Population	0.00128
<b>TOTAL POINTS</b>	<b>57.50128</b>

Project Name, Number

Priority List Rank

STONE HARBOR BOROUGH  
340722-01  
I/I CORRECTION

181

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	:	LONG BRANCH SA		
Project No.	:	340336-05	Eligible Project Cost:	\$ 1,396,910
FY01 Rank	:	182		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	5.00000
Population	0.02866
TOTAL POINTS	55.02866

Project Name, Number

Priority List Rank

LONG BRANCH SA  
340336-05  
I/C ABATEMENT

182

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 : LONG BRANCH SA  
 Project No. : 340336-06 Eligible Project Cost : \$ 14,640,256  
 FY01 Rank : 182  
 County : MONMOUTH Total State Amount : \$ 14,640,256

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	5.00000
Population	0.02866
<b>TOTAL POINTS</b>	<b>55.02866</b>

Project Name, Number

LONG BRANCH SA  
340336-06  
SEWER REHABILITATION

Priority List Rank

182

County

MONMOUTH

Existing Population

28,658

Service Area

City of Long Branch

Need for Project

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

Project Description

The proposed project consists of the rehabilitation of the Long Branch SA's sanitary sewer collection system. The project includes the replacement of approximately 108,000 LF of 8" to 18" lines, installation or replacement of 372 manholes, repair of 7,000 LF of sewers, repair of 51 manholes, and the abandonment of two pump stations.

Anticipated Recipient	:	MORRISTOWN TOWN		
Project No.	:	340376-04	Eligible Project Cost:	\$ 8,621,779
FY01 Rank	:	184		
County	:	MORRIS	Total State Amount	: \$ 8,621,779

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	5.00000
Population	0.01679
<b>TOTAL POINTS</b>	<b>55.01679</b>

Project Name, Number

Priority List Rank

MORRISTOWN TOWN  
340376-04  
I/I CORRECTION

184

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
FY01 Rank	:	185		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	5.00000
Population	0.01441
<b>TOTAL POINTS</b>	<b>55.01441</b>

Project Name, Number

Priority List Rank

DOVER TOWN

185

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	:	METUCHEN BOROUGH		
Project No.	:	340360-01	Eligible Project Cost:	\$ 3,734,892
FY01 Rank	:	186		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	5.00000
Population	0.01280
TOTAL POINTS	55.01280

Project Name, Number

METUCHEN BOROUGH  
340360-01  
I/I CORRECTION

Priority List Rank

186

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.

Anticipated Recipient : RIDGEFIELD BOROUGH  
 Project No. : 340394-01 Eligible Project Cost: \$ 626,595  
 FY01 Rank : 187  
 County : BERGEN Total State Amount : \$ 626,595

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	5.00000
Population	0.01012
<b>TOTAL POINTS</b>	<b>55.01012</b>

Project Name, Number

Priority List Rank

RIDGEFIELD BOROUGH  
340394-01  
SEWER REHABILITATION

187

County

BERGEN

Existing Population

10,118

Service Area

Portions of Ridgefield Borough

Need for Project

The project is needed to eliminate excessive infiltration/inflow in the sanitary sewer system.

Project Description

The proposed project includes the rehabilitation of the existing sanitary sewer along the Wolf Creek area from Elm Avenue southerly to Banta Place by removal and replacement of approximately 426 linear feet of sewer pipe and relining of approximately 1,370 linear feet of sewer pipe.

Anticipated Recipient	:	BLOOMINGDALE BOROUGH		
Project No.	:	340634-03	Eligible Project Cost:	\$ 3,790,064
FY01 Rank	:	188		
County	:	PASSAIC	Total State Amount	: \$ 3,790,064

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	5
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>5</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	50
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	<u>50</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	0.00806
<b>TOTAL POINTS</b>	<b>55.00806</b>

Project Name, Number

Priority List Rank

BLOOMINGDALE BOROUGH  
340634-03  
COLLECTION SYSTEM

188

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 : MILLVILLE CITY

Project No. : 340921-04 Eligible Project Cost: \$ 8,557,247

FY01 Rank : 189

County : CUMBERLAND Total State Amount : \$ 8,557,247

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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      5.00000

Population      0.00000

TOTAL POINTS      55.00000

Project Name, Number

Priority List Rank

MILLVILLE CITY

189

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 problems. 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	:	MIDDLESEX COUNTY UA		
Project No.	:	340680-05	Eligible Project Cost:	\$ 1,419,732
FY01 Rank	:	190		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

190

SEPTAGE RECEIVING FACILITIES

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	:	BAYONNE MUA		
Project No.	:	340399-25	Eligible Project Cost:	\$ 6,190,242
FY01 Rank	:	191		
County	:	HUDSON	Total State Amount	\$ 6,190,242

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.61444
TOTAL POINTS	50.61444

Project Name, Number

Priority List Rank

BAYONNE MUA

191

340399-25

NEW INTERCEPTORS AND APPURTENANCES

County

HUDSON

Existing Population

614,444

Service Area

City of Bayonne

Need for Project

The proposed project consists of the elimination of an existing treatment facility and the re-routeing flows to the Bayonne system for conveyance to PVSC for treatment.

Project Description

The proposed project includes the construction of approximately 8600 LF of 18" gravity sewer, 11000 LF of 12" force main, one pump station, 35 manholes two intercepting chambers.

Anticipated Recipient	:	MIDDLESEX COUNTY UA		
Project No.	:	340637-04	Eligible Project Cost:	\$ 20,043,531
FY01 Rank	:	192		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.49657
TOTAL POINTS	50.49657

Project Name, Number

Priority List Rank

MIDDLESEX COUNTY UA  
340637-04  
I/I CORRECTION

192

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	:	BERGEN COUNTY UA		
Project No.	:	340768-02	Eligible Project Cost:	\$ 15,673,755
FY01 Rank	:	193		
County	:	BERGEN	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.49114
<b>TOTAL POINTS</b>	<b>50.49114</b>

Project Name, Number

Priority List Rank

BERGEN COUNTY UA  
340768-02  
I/I CORRECTION

193

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
FY01 Rank	:	194		
County	:	CAMDEN	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.48867</b>

Project Name, Number

Priority List Rank

CAMDEN COUNTY MUA  
340709-02  
I/I CORRECTION

194

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
FY01 Rank	:	195		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.35829
<b>TOTAL POINTS</b>	<b>50.35829</b>

Project Name, Number

Priority List Rank

MT HOLLY SA  
340817-02  
SEPTAGE TREATMENT & DISPOSAL

195

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
FY01 Rank	:	196		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.25737
<b>TOTAL POINTS</b>	<b>50.25737</b>

Project Name, Number

Priority List Rank

PARSIPPANY-TROY HILLS TWP  
340806-03  
SEPTAGE TREATMENT/DISPOSAL

196

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
FY01 Rank	:	197		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.17373
TOTAL POINTS	50.17373

Project Name, Number

Priority List Rank

RAHWAY VALLEY SA  
340547-03  
I/I CORRECTION

197

County

UNION

Existing Population

173,730

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	:	ATLANTIC COUNTY UA		
Project No.	:	340809-10	Eligible Project Cost:	\$ 4,227,304
FY01 Rank	:	198		
County	:	ATLANTIC	Total State Amount	: \$ 4,227,304

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.16367</b>

Project Name, Number

ATLANTIC COUNTY UA  
340809-10  
SEWER REHABILITATION

Priority List Rank

198

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
FY01 Rank	:	199		
County	:	GLOUCESTER	Total State Amount	: \$ 4,945,666

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.15977
<b>TOTAL POINTS</b>	<b>50.15977</b>

Project Name, Number

Priority List Rank

GLOUCESTER COUNTY UA  
340902-01  
SLUDGE MANAGEMENT

199

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.



Project Name, Number

Priority List Rank

SOMERSET-RARITAN VALLEY SA  
340801-03  
SEPTAGE TREATMENT/DISPOSAL

200

County

SOMERSET

Existing Population

138,360

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	:	PLAINFIELD AREA RSA		
Project No.	:	340949-04	Eligible Project Cost:	\$ 5,570,096
FY01 Rank	:	201		
County	:	MIDDLESEX	Total State Amount	\$ 5,570,096

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.13000
<b>TOTAL POINTS</b>	<b>50.13000</b>

Project Name, Number

PLAINFIELD AREA RSA  
340949-04  
SEWER REHABILITATION

Priority List Rank

201

County

MIDDLESEX

Existing Population

130,000

Service Area

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

Need for Project

Aged concrete interceptors have deteriorated necessitating their rehabilitation.

Project Description

The proposed project includes the sliplining of 13800 linear feet of 42" gravity sewer and the rehabilitation of 34 manholes. In addition, a six foot wide box section will be replaced and four new manholes installed.

Anticipated Recipient	:	ROCKAWAY VALLEY REG SA		
Project No.	:	340756-02	Eligible Project Cost:	\$ 5,938,953
FY01 Rank	:	202		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.09218
<b>TOTAL POINTS</b>	<b>50.09218</b>

Project Name, Number

Priority List Rank

ROCKAWAY VALLEY REG SA  
340756-02  
I/I CORRECTION

202

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.

Anticipated Recipient	:	NORTHWEST BERGEN CO UA		
Project No.	:	340700-06	Eligible Project Cost:	\$ 7,944,881
FY01 Rank	:	203		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

Priority List Rank

NORTHWEST BERGEN CO UA  
340700-06  
I/I CORRECTION

203

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	:	EAST ORANGE CITY		
Project No.	:	340843-01	Eligible Project Cost:	\$ 2,588,981
FY01 Rank	:	204		
County	:	ESSEX	Total State Amount	\$ 2,588,981

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.07758</b>

Project Name, Number

Priority List Rank

EAST ORANGE CITY  
340843-01  
I/I CORRECTION

204

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:	\$ 14,766,522
FY01 Rank	:	205		
County	:	PASSAIC	Total State Amount	: \$ 14,766,522

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.07652
TOTAL POINTS	50.07652

Project Name, Number

Priority List Rank

CLIFTON CITY  
340844-01  
I/I CORRECTION

205

County

PASSAIC

Existing Population

76,520

Service Area

City of Clifton

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	:	PLAINFIELD, N. PLAINFIELD, DUNELLEN JM		
Project No.	:	340949-02	Eligible Project Cost:	\$ 5,962,475
FY01 Rank	:	206		
County	:	MIDDLESEX	Total State Amount	: \$ 5,962,475

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.07192
TOTAL POINTS	50.07192

Project Name, Number

Priority List Rank

PLAINFIELD, N. PLAINFIELD, DUNELLEN JM  
340949-02  
SEWER REHABILITATION

206

County

MIDDLESEX

Existing Population

71,920

Service Area

City of Plainfield, Borough of North Plainfield and Borough of Dunellen

Need for Project

Rehabilitation of aged sewage collection systems and interceptors.

Project Description

Rehabilitation of approximately 120,000 linear feet of gravity sewer ranging in size from 8-inch to 27-inch diameter. Rehabilitation processes may include pipe lining, joint repairs, point repairs of cracked or broken pipe and potentially some line replacement. The project also includes rehabilitating 200 manholes throughout the project area including internal structural repairs to manhole section joints or spalling concrete; repointing and plastering brick walls; repairs to channels, benches and drop-pipes; resetting or replacing castings, vents and steps and possibly some manhole replacements.

Anticipated Recipient	:	WOODBIDGE TOWNSHIP		
Project No.	:	340433-04	Eligible Project Cost:	\$ 1,132,363
FY01 Rank	:	207		
County	:	MIDDLESEX	Total State Amount	: \$ 1,132,363

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.06983</b>

Project Name, Number

Priority List Rank

WOODBIDGE TOWNSHIP  
340433-04  
I/I CORRECTION

207

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	:	BRICK TOWNSHIP MUA		
Project No.	:	340448-04	Eligible Project Cost:	\$ 1,780,655
FY01 Rank	:	208		
County	:	OCEAN	Total State Amount	: \$ 1,780,655

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.06647
<b>TOTAL POINTS</b>	<b>50.06647</b>

Project Name, Number

Priority List Rank

BRICK TOWNSHIP MUA  
340448-04  
SEWER REHABILITATION

208

County

OCEAN

Existing Population

66,473

Service Area

Brick Township

Need for Project

Recent video investigations indicate that the asbestos cement sanitary sewer lines in the Baywood section of Brick Township are deteriorated and experiencing infiltration/inflow into the sanitary sewer system.

Project Description

The proposed project involves the rehabilitation of approximately 10,000 linear feet of 8" sanitary sewer lines through a fold and form lining process that utilizes a high-strength PVC lining material. Approximately 1600 linear feet of 16" sanitary sewer mains will be rehabilitated with an SDR 35 glass fiber reinforced cured-in-place thermosetting resin and another 1,900 linear feet of sanitary sewer will be replaced with new PVC lines.

Anticipated Recipient	:	PLAINFIELD, N. PLAINFIELD, DUNELLEN JM		
Project No.	:	340949-01	Eligible Project Cost:	\$ 1,428,585
FY01 Rank	:	209		
County	:	MIDDLESEX	Total State Amount	\$ 1,428,585

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.06000
TOTAL POINTS	50.06000

Project Name, Number

Priority List Rank

PLAINFIELD, N. PLAINFIELD, DUNELLEN JM  
340949-01  
INTERCEPTOR

209

County

MIDDLESEX

Existing Population

60,000

Service Area

City of Plainfield, Township of Scotch Plains, Borough of South Plainfield, Borough of Watchung and Borough of Fanwood

Need for Project

The interceptor segment has experienced occasional surcharging and overflows which have caused a sewer connection ban to be imposed upon the service area. The project will alleviate the surcharging interceptor.

Project Description

The existing 42 inch diameter interceptor segment (approximately 2,600 linear feet) will be paralalled by a new 42 inch diameter segment. Both pipelines will remain in operation to provide the required capacity.

Anticipated Recipient	:	SALEM COUNTY BD OF CHOSEN FREEHOLDERS		
Project No.	:	340804-03	Eligible Project Cost:	\$ 6,816,427
FY01 Rank	:	210		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.05688</b>

Project Name, Number

Priority List Rank

SALEM COUNTY BD OF CHOSEN FREEHOLDERS  
340804-03  
SEPTAGE TREATMENT/DISPOSAL

210

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	:	PASSAIC CITY		
Project No.	:	340845-01	Eligible Project Cost:	\$ 5,331,697
FY01 Rank	:	211		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.05396
<b>TOTAL POINTS</b>	<b>50.05396</b>

Project Name, Number

Priority List Rank

PASSAIC CITY

211

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
FY01 Rank	:	212		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.05380
<b>TOTAL POINTS</b>	<b>50.05380</b>

Project Name, Number

Priority List Rank

GLOUCESTER TOWNSHIP MUA  
340364-01  
PUMP STATION, FORCE MAIN

212

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	:	GLOUCESTER TOWNSHIP MUA		
Project No.	:	340364-02	Eligible Project Cost:	\$ 3,997,392
FY01 Rank	:	212		
County	:	CAMDEN	Total State Amount	\$ 3,997,392

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.05380
<b>TOTAL POINTS</b>	<b>50.05380</b>

Project Name, Number

Priority List Rank

GLOUCESTER TOWNSHIP MUA  
340364-02  
REHABILITATION

212

County

CAMDEN

Existing Population

53,797

Service Area

Gloucester Township

Need for Project

Most of the sanitary sewers in Gloucester Township were installed between 1962 and 1978 and are now in need of repair and rehabilitation to maintain integrity of the system and to protect the public health.

Project Description

The proposed project consists of repair and replacement of the most deteriorated portions of Gloucester Township MUA's sewer system.

Anticipated Recipient	:	NORTHWEST BERGEN CO UA		
Project No.	:	340700-05	Eligible Project Cost:	\$ 2,294,564
FY01 Rank	:	214		
County	:	BERGEN	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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  
340700-05  
SEPTAGE DISPOSAL FACILITY

214

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.

NEW JERSEY STATE LIBRARY

Anticipated Recipient	:	UNION TOWNSHIP		
Project No.	:	340293-01	Eligible Project Cost:	\$ 216,105
FY01 Rank	:	215		
County	:	UNION	Total State Amount	: \$ 216,105

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.05002
<b>TOTAL POINTS</b>	<b>50.05002</b>

Project Name, Number

Priority List Rank

UNION TOWNSHIP

215

340293-01

SEWER REHABILITATION/EQUIPMENT

County

UNION

Existing Population

50,024

Service Area

Township of Union

Need for Project

A ramjet sewer cleaner would enable the Township to remove sewer blockages in a safe and efficient manner. The ramjet will aid in the reduction of problems caused by infiltration and inflow.

Project Description

The proposed project is for the purchase of a ramjet for removing sewer blockages.

Anticipated Recipient	:	WAYNE TOWNSHIP		
Project No.	:	340393-07	Eligible Project Cost:	\$ 2,049,114
FY01 Rank	:	216		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.04955
<b>TOTAL POINTS</b>	<b>50.04955</b>

Project Name, Number

Priority List Rank

WAYNE TOWNSHIP  
340393-07  
I/I CORRECTION

216

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
FY01 Rank	:	217		
County	:	MONMOUTH	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.04800
<b>TOTAL POINTS</b>	<b>50.04800</b>

Project Name, Number

Priority List Rank

SOUTH MONMOUTH RSA  
340377-02  
I/I CORRECTION

217

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.

Anticipated Recipient	:	NEPTUNE TWP SA		
Project No.	:	340410-04	Eligible Project Cost:	\$ 4,481,756
FY01 Rank	:	218		
County	:	MONMOUTH	Total State Amount	: \$ 4,481,756

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.04391
<b>TOTAL POINTS</b>	<b>50.04391</b>

Project Name, Number

Priority List Rank

NEPTUNE TWP SA  
340410-04  
I/I CORRECTION

218

County

MONMOUTH

Existing Population

43,910

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	:	WEST ORANGE TOWNSHIP		
Project No.	:	340865-01	Eligible Project Cost:	\$ 12,117,146
FY01 Rank	:	219		
County	:	ESSEX	Total State Amount	\$ 12,117,146

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.03911</b>

Project Name, Number

Priority List Rank

WEST ORANGE TOWNSHIP  
340865-01  
INTERCEPTOR SEWERS

219

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
FY01 Rank	:	220		
County	:	MONMOUTH	Total State Amount	\$ 4,610,126

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.03900</b>

Project Name, Number

Priority List Rank

MANASQUAN RIVER REG SA  
340832-02  
NEW INTERCEPTOR SYSTEM

220

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
FY01 Rank	:	221		
County	:	ESSEX	Total State Amount	: \$ 2,088,076

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.03870
TOTAL POINTS	<u>50.03870</u>

Project Name, Number

Priority List Rank

MONTCLAIR TOWN  
340837-01  
I/I CORRECTION

221

County

ESSEX

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	:	HOPEWELL TOWNSHIP		
Project No.	:	340282-01	Eligible Project Cost:	\$ 23,940,222
FY01 Rank	:	222		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.03846
<b>TOTAL POINTS</b>	<b>50.03846</b>

Project Name, Number

Priority List Rank

HOPEWELL TOWNSHIP  
340282-01  
INTERCEPTOR SEWERS

222

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	:	BERKELEY TOWNSHIP		
Project No.	:	340969-01	Eligible Project Cost:	\$ 2,718,518
FY01 Rank	:	223		
County	:	OCEAN	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.03732
TOTAL POINTS	<u>50.03732</u>

Project Name, Number

BERKELEY TOWNSHIP  
340969-01  
I/I CORRECTION

Priority List Rank

223

County

OCEAN

Existing Population

37,320

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	:	CHERRY HILL TOWNSHIP		
Project No.	:	340954-01	Eligible Project Cost:	\$ 1,276,427
FY01 Rank	:	224		
County	:	CAMDEN	Total State Amount	: \$ 1,276,427

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.03647</b>

Project Name, Number

Priority List Rank

CHERRY HILL TOWNSHIP  
340954-01  
COLLECTION SYSTEM, REHABILITATION

224

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:	\$ 796,906
FY01 Rank	:	225		
County	:	HUDSON	Total State Amount	\$ 796,906

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.03487</b>

Project Name, Number

Priority List Rank

KEARNY MUA

225

340259-03

SEWER REHABILITATION, PUMP STATION

County

HUDSON

Existing Population

34,874

Service Area

Town of Kearny

Need for Project

Improvements to KMUA's pump station are needed to ensure operational reliability and to enable normal maintenance. Influent solids interfere with KMUA operations as well as the treatment agency's operations.

Project Description

The proposed project includes the installation of a mechanically cleaned screen and associated controls for the removal of excess solids from the combined sewer influent waste stream. Also included is the installation/repair of a heating system for the pump station.

Anticipated Recipient	:	FORT LEE BOROUGH		
Project No.	:	340853-01	Eligible Project Cost:	\$ 682,636
FY01 Rank	:	226		
County	:	BERGEN	Total State Amount	\$ 682,636

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.03262
<b>TOTAL POINTS</b>	<b>50.03262</b>

Project Name, Number

Priority List Rank

FORT LEE BOROUGH  
340853-01  
I/I CORRECTION

226

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
FY01 Rank	:	227		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.03173</b>

Project Name, Number

Priority List Rank

ORANGE CITY  
340859-01  
I/I CORRECTION

227

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
FY01 Rank	:	228		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.03134
<b>TOTAL POINTS</b>	<b>50.03134</b>

Project Name, Number

Priority List Rank

PEMBERTON TOWNSHIP MUA  
340649-02  
STP IMPROVEMENT, COLLECTION SYSTEM

228

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	:	WINSLOW TWP		
Project No.	:	340895-01	Eligible Project Cost:	\$ 2,013,118
FY01 Rank	:	229		
County	:	CAMDEN	Total State Amount	: \$ 2,013,118

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.03009
<b>TOTAL POINTS</b>	<b>50.03009</b>

Project Name, Number

Priority List Rank

WINSLOW TWP  
340895-01  
I/I CORRECTION

229

County

CAMDEN

Existing Population

30,090

Service Area

Winslow Township

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	:	WINSLOW TOWNSHIP (CEDAR BROOK)		
Project No.	:	340895-04	Eligible Project Cost:	\$ 3,997,392
FY01 Rank	:	229		
County	:	CAMDEN	Total State Amount	\$ 3,997,392

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.03009</b>

Project Name, Number

Priority List Rank

WINSLOW TOWNSHIP (CEDAR BROOK)  
340895-04  
COLLECTION SYSTEM

229

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
FY01 Rank	:	229		
County	:	CAMDEN	Total State Amount	: \$ 4,852,482

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.03009</b>

Project Name, Number

Priority List Rank

WINSLOW TOWNSHIP (W. ATCO)  
340895-05  
COLLECTION SYSTEM

229

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	:	BERGEN COUNTY UA (TRIBORO)		
Project No.	:	340769-02	Eligible Project Cost:	\$ 1,584,586
FY01 Rank	:	232		
County	:	BERGEN	Total State Amount	\$ 1,584,586

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.02509
<b>TOTAL POINTS</b>	<b>50.02509</b>

Project Name, Number

Priority List Rank

BERGEN COUNTY UA (TRIBORO)  
340769-02  
I/I CORRECTION

232

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	:	RIDGEWOOD VILLAGE		
Project No.	:	340639-07	Eligible Project Cost:	\$ 6,046,088
FY01 Rank	:	233		
County	:	BERGEN	Total State Amount	\$ 6,046,088

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.02486</b>

Project Name, Number

Priority List Rank

RIDGEWOOD VILLAGE  
340639-07  
I/I CORRECTION

233

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
FY01 Rank	:	234		
County	:	UNION	Total State Amount	: \$ 629,918

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.02408
TOTAL POINTS	50.02408

Project Name, Number

Priority List Rank

CRANFORD TOWNSHIP  
340858-01  
I/I CORRECTION

234

County

UNION

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	:	MADISON-CHATHAM JOINT MEETING		
Project No.	:	340715-03	Eligible Project Cost:	\$ 782,388
FY01 Rank	:	235		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.02377</b>

Project Name, Number

Priority List Rank

MADISON-CHATHAM JOINT MEETING

235

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	:	CUMBERLAND COUNTY UA		
Project No.	:	340550-04	Eligible Project Cost:	\$ 2,451,173
FY01 Rank	:	236		
County	:	CUMBERLAND	Total State Amount	: \$ 2,451,173

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.02279
<b>TOTAL POINTS</b>	<b>50.02279</b>

Project Name, Number

CUMBERLAND COUNTY UA  
340550-04  
SEWER REHABILITATION, STP

Priority List Rank

236

County

CUMBERLAND

Existing Population

22,790

Service Area

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

Need for Project

Repairs to the tank structures of CCUA's primary digesters, secondary digesters, and aeration basins are needed due to age and deterioration.

Portions of CCUA's interceptor system have deteriorated due to age and corrosion and are in need of repair.

Project Description

The proposed project will make needed repairs to the primary and secondary digesters and the aeration basins at CCUA's Water Street WWTP. Needed repairs will also be made to CCUA's interceptor system.

Anticipated Recipient	:	SOUTH BRUNSWICK TOWNSHIP		
Project No.	:	340866-01	Eligible Project Cost:	\$ 374,327
FY01 Rank	:	237		
County	:	MIDDLESEX	Total State Amount	\$ 374,327

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.02236</b>

Project Name, Number

Priority List Rank

SOUTH BRUNSWICK TOWNSHIP  
340866-01  
I/I CORRECTION

237

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	:	HAZLET TOWNSHIP		
Project No.	:	340968-01	Eligible Project Cost:	\$ 570,013
FY01 Rank	:	238		
County	:	MONMOUTH	Total State Amount	\$ 570,013

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.02198
<b>TOTAL POINTS</b>	<b>50.02198</b>

Project Name, Number

Priority List Rank

HAZLET TOWNSHIP  
340968-01  
I/I CORRECTION

238

County

MONMOUTH

Existing Population

21,980

Service Area

Hazlet 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	:	EDGEWATER BOROUGH		
Project No.	:	340443-05	Eligible Project Cost:	\$ 3,091,877
FY01 Rank	:	239		
County	:	BERGEN	Total State Amount	: \$ 3,091,877

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.02138</b>

Project Name, Number

EDGEWATER BOROUGH  
340443-05  
I/I CORRECTION

Priority List Rank

239

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 : HILLSIDE TOWNSHIP  
 Project No. : 340906-03 Eligible Project Cost: \$ 1,110,388  
 FY01 Rank : 240  
 County : UNION Total State Amount : \$ 1,110,388

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.02137
<b>TOTAL POINTS</b>	<b>50.02137</b>

Project Name, Number

Priority List Rank

HILLSIDE TOWNSHIP  
340906-03  
I/I CORRECTION & SEWER PUMP

240

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.

Anticipated Recipient	:	OLD BRIDGE MUA		
Project No.	:	340945-05	Eligible Project Cost:	\$ 2,384,181
FY01 Rank	:	241		
County	:	MIDDLESEX	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.02000
TOTAL POINTS	50.02000

Project Name, Number

OLD BRIDGE MUA  
340945-05  
SEWER REHABILITATION

Priority List Rank

241

County

MIDDLESEX

Existing Population

20,000

Service Area

Laurence Harbor Drainage Basin

Need for Project

The project is needed due to the deterioration of the structural integrity of the gravity trunk sewer.

Project Description

The project involves the relining of the gravity trunk sewer tributary to the Laurence Harbor Sewer Pump Station.

Anticipated Recipient : RANDOLPH TOWNSHIP

Project No. : 340632-07 Eligible Project Cost: \$ 8,842,391

FY01 Rank : 242

County : MORRIS Total State Amount : \$ 8,842,391

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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  
340632-07  
INTERCEPTOR, REHABILITATION

242

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  
FY01 Rank : 243  
County : MIDDLESEX Total State Amount : \$ 7,111,175

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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 0.01927  
TOTAL POINTS 50.01927

Project Name, Number

Priority List Rank

CARTERET BOROUGH  
340939-01  
I/I CORRECTION

243

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	:	NORTH PLAINFIELD BOROUGH		
Project No.	:	340960-01	Eligible Project Cost:	\$ 708,917
FY01 Rank	:	244		
County	:	SOMERSET	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.01880
TOTAL POINTS	50.01880

Project Name, Number

Priority List Rank

NORTH PLAINFIELD BOROUGH  
340960-01  
I/I CORRECTION

244

County

SOMERSET

Existing Population

18,800

Service Area

North Plainfield Borough

Need for Project

Infiltration and inflow of groundwater and stormwater into the Borough's sanitary sewers has resulted in surcharging of the sanitary sewers and in sewage backing up into residences and business establishments.

Project Description

The proposed project consists of three components. Section I involves the sliplining and manhole sealing of selected sewer lines that were identified as problem areas. Section II involves the lining of sewers to eliminate excessive I/I and the construction of a pumping station to reroute flow and prevent surcharging. Section III involves the replacement and realignment of trunk lines on Dupont Street, Codington Avenue and the former Florence Avenue.

Anticipated Recipient	:	BRIDGETON CITY		
Project No.	:	340829-01	Eligible Project Cost:	\$ 3,997,392
FY01 Rank	:	245		
County	:	CUMBERLAND	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.01876</b>

Project Name, Number

Priority List Rank

BRIDGETON CITY  
340829-01  
I/I CORRECTION

245

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

To maintain the integrity of the system, the most deteriorated portions of the City's sewer system need to be repaired and rehabilitated.

Anticipated Recipient	:	EDGEWATER BOROUGH		
Project No.	:	340446-06	Eligible Project Cost:	\$ 2,207,442
FY01 Rank	:	246		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.01850</b>

Project Name, Number

Priority List Rank

EDGEWATER BOROUGH  
340446-06  
COLLECTION SYSTEM

246

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
FY01 Rank	:	247		
County	:	BERGEN	Total State Amount	: \$ 1,091,170

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.01800</b>

Project Name, Number

ELMWOOD PARK BOROUGH  
340863-01  
I/I CORRECTION

Priority List Rank

247

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  
FY01 Rank : 248  
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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 0.01771  
TOTAL POINTS 50.01771

Project Name, Number

Priority List Rank

DUMONT BOROUGH

248

340922-01

SEWER REHABILITATION

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	:	STONY BROOK REGIONAL SA		
Project No.	:	340400-03	Eligible Project Cost:	\$ 560,281
FY01 Rank	:	249		
County	:	MERCER	Total State Amount	: \$ 560,281

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.01712</b>

Project Name, Number

STONY BROOK REGIONAL SA  
340400-03  
I/I CORRECTION

Priority List Rank

249

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 : ASBURY PARK CITY

Project No. : 340884-01 Eligible Project Cost : \$ 2,157,878

FY01 Rank : 250

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

250

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	:	CAMDEN COUNTY MUA		
Project No.	:	340640-05	Eligible Project Cost:	\$ 6,288,899
FY01 Rank	:	251		
County	:	CAMDEN	Total State Amount	: \$ 6,288,899

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.01640
<b>TOTAL POINTS</b>	<b>50.01640</b>

Project Name, Number

Priority List Rank

CAMDEN COUNTY MUA  
340640-05  
STP IMPROVEMENTS

251

County

CAMDEN

Existing Population

16,400

Service Area

Sicklerville Section of Winslow Township

Need for Project

Increased development pressures have necessitated an expansion of the existing secondary Winslow Township STP from 1.65 MGD to 2.25 MGD. This expansion would accommodate the sewage treatment needs of the anticipated 20 year population of the area, including new development and existing facilities currently utilizing septic systems.

Project Description

The proposed project consists of an expansion of the existing Winslow Township sewage treatment plant from 1.65 MGD to 2.25 MGD. It is currently envisioned that the plant will continue to use existing treatment processes and units. The expansion will consist of the addition of an identical treatment train, including an additional oxidation ditch, two new clarifiers, two new aeration tanks, filtration/polishing facilities and chlorination facilities, to achieve treatment for the additional capacity. In addition, the existing effluent pumping system and conveyance facilities must be upgraded to transport the additional flow to the off-site rapid infiltration basins. Finally, additional rapid infiltration basins will be needed to accommodate the proposed additional flow. Some of the existing rapid infiltration basins may be abandoned as well.

Anticipated Recipient	:	WEST WINDSOR TOWNSHIP		
Project No.	:	340491-02	Eligible Project Cost:	\$ 570,013
FY01 Rank	:	252		
County	:	MERCER	Total State Amount	: \$ 570,013

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.01602
<b>TOTAL POINTS</b>	<b>50.01602</b>

Project Name, Number

Priority List Rank

WEST WINDSOR TOWNSHIP  
340491-02  
COLLECTION SYSTEM

252

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	:	OCEAN CITY		
Project No.	:	340730-01	Eligible Project Cost:	\$ 57,540
FY01 Rank	:	253		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.01549</b>

Project Name, Number

Priority List Rank

OCEAN CITY

253

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	:	WARREN CO LOPAT SA		
Project No.	:	340580-04	Eligible Project Cost:	\$ 2,463,225
FY01 Rank	:	254		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

254

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
FY01 Rank	:	255		
County	:	SOMERSET	Total State Amount	\$ 482,182

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.01530</b>

Project Name, Number

Priority List Rank

BERNARDS TOWNSHIP SA  
340382-03  
I/I CORRECTION

255

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	:	COLLINGSWOOD BOROUGH		
Project No.	:	340291-01	Eligible Project Cost:	\$ 1,134,504
FY01 Rank	:	256		
County	:	CAMDEN	Total State Amount	\$ 1,134,504

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.01529
<b>TOTAL POINTS</b>	<b>50.01529</b>

Project Name, Number

COLLINGSWOOD BOROUGH  
340291-01  
SEWER REHABILITATION

Priority List Rank

256

County

CAMDEN

Existing Population

15,289

Service Area

Borough of Collingswood

Need for Project

Collingswood has an aging sewer infrastructure with mostly terra cotta pipes, many eighty years or older. The Borough has been experiencing pipe collapses plus other problems due to undersized, tuberculated pipes.

Project Description

The proposed project includes the replacement of a 12" terra cotta sewer line which runs along Newton Lake Drive with 3489 LF of 21" PVC and 8" to 10" terra cotta sewer lines with 895 LF of 15" PVC pipe and 85 LF of 12" PVC pipe.

Anticipated Recipient	:	SPARTA TOWNSHIP		
Project No.	:	340495-04	Eligible Project Cost:	\$ 2,821,542
FY01 Rank	:	257		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.01516</b>

Project Name, Number

Priority List Rank

SPARTA TOWNSHIP  
340495-04  
COLLECTION SYSTEM

257

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 : PLEASANTVILLE CITY

Project No. : 340752-01 Eligible Project Cost: \$ 220,365  
FY01 Rank : 258  
County : ATLANTIC Total State Amount : \$ 220,365

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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 0.01437  
TOTAL POINTS 50.01437

Project Name, Number

Priority List Rank

PLEASANTVILLE CITY  
340752-01  
I/I CORRECTION

258

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  
 FY01 Rank : 259  
 County : ESSEX 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.01415
TOTAL POINTS	50.01415

Project Name, Number

VERONA BOROUGH  
340533-04  
I/I CORRECTION

Priority List Rank

259

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
FY01 Rank	:	260		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.01409
<b>TOTAL POINTS</b>	<b>50.01409</b>

Project Name, Number

SPRINGFIELD TOWNSHIP  
340855-01  
I/I CORRECTION

Priority List Rank

260

County

UNION

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	:	STAFFORD MUA		
Project No.	:	340946-03	Eligible Project Cost:	\$ 3,734,892
FY01 Rank	:	261		
County	:	OCEAN	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.01333
<b>TOTAL POINTS</b>	<b>50.01333</b>

Project Name, Number

Priority List Rank

STAFFORD MUA  
340946-03  
SEWER REHABILITATION

261

County

OCEAN

Existing Population

13,325

Service Area

Mallard Island and Cedar Bonnet Island

Need for Project

The collection systems in the service area are vacuum sewage ejector systems. The systems are experiencing chronic failures of about 35 to 45 a year. These systems also experience flooding from sea water through pit vent pipes and unsecured vent pits.

Project Description

The proposed project consists of replacing the existing vacuum ejector system with a low pressure sewer system that will perform more reliably under the given conditions including pumps that will operate while submerged.

Anticipated Recipient	:	HIGHLAND PARK BOROUGH		
Project No.	:	340938-01	Eligible Project Cost:	\$ 4,315,232
FY01 Rank	:	262		
County	:	MIDDLESEX	Total State Amount	: \$ 4,315,232

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

262

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	:	SOUTH RIVER BOROUGH		
Project No.	:	340940-01	Eligible Project Cost:	\$ 2,388,995
FY01 Rank	:	263		
County	:	MIDDLESEX	Total State Amount	\$ 2,388,995

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.01325
<b>TOTAL POINTS</b>	<b>50.01325</b>

Project Name, Number

SOUTH RIVER BOROUGH  
340940-01  
I/I CORRECTION

Priority List Rank

263

County

MIDDLESEX

Existing Population

13,250

Service Area

Borough of South River

Need for Project

The existing collection system in the Borough of South River is deteriorated and subject to excessive infiltration/inflow.

Project Description

Inspection and evaluation of the existing sewer system will be performed to determine the extent of deterioration. The proposed project involves the restoration of the existing sewer system through the grouting of joints and manhole repairs/replacement.

Anticipated Recipient	:	BERKELEY HEIGHTS TOWNSHIP		
Project No.	:	340385-02	Eligible Project Cost:	\$ 147,540
FY01 Rank	:	264		
County	:	UNION	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.01279
<b>TOTAL POINTS</b>	<b>50.01279</b>

Project Name, Number

Priority List Rank

BERKELEY HEIGHTS TOWNSHIP  
340385-02  
I/I CORRECTION

264

County

UNION

Existing Population

12,790

Service Area

Berkeley Heights

Need for Project

There is excessive infiltration/inflow in the existing collection system which is placing an unnecessary burden on the four lift stations in the collection system. I/I correction would be a cost-effective way to resolve this condition. Although the WWTP in Berkeley Heights can handle the excess flow, any increase in the severity or duration of typical storm events could cause a hydraulic overloading of the existing lift stations, which would overflow into the surface waters of our area.

Project Description

The proposed project is for the I/I correction of the existing sanitary sewer system. The project involves smoke testing of the sewers, internal pressure grouting of the sewer joints, inspection and repair of manholes, raising, resetting, and/or replacement of manhole covers.

Anticipated Recipient	:	CEDAR GROVE TOWNSHIP		
Project No.	:	340717-05	Eligible Project Cost:	\$ 374,327
FY01 Rank	:	265		
County	:	ESSEX	Total State Amount	\$ 374,327

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.01262</b>

Project Name, Number

Priority List Rank

CEDAR GROVE TOWNSHIP  
340717-05  
I/I CORRECTION

265

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
FY01 Rank	:	266		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.01260</b>

Project Name, Number

Priority List Rank

PARSIPPANY-TROY HILLS TWP  
340766-02  
I/I CORRECTION

266

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	:	BELLMAWR BOROUGH		
Project No.	:	340337-02	Eligible Project Cost:	\$ 708,917
FY01 Rank	:	266		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.01260
<b>TOTAL POINTS</b>	<b>50.01260</b>

Project Name, Number

Priority List Rank

BELLMAWR BOROUGH  
340337-02  
I/I CORRECTION

266

County

CAMDEN

Existing Population

12,603

Service Area

Borough of Bellmawr

Need for Project

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

Project Description

The proposed project involves a sewer main and manhole repair program to eliminate the excessive I/I in the system.

Anticipated Recipient	:	LITTLE FALLS MUA		
Project No.	:	340716-04	Eligible Project Cost:	\$ 631,308
FY01 Rank	:	268		
County	:	PASSAIC	Total State Amount	: \$ 631,308

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.01222
<b>TOTAL POINTS</b>	<b>50.01222</b>

Project Name, Number

Priority List Rank

LITTLE FALLS MUA  
340716-04  
I/I CORRECTION

268

County

PASSAIC

Existing Population

12,220

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	:	ROXBURY TWP		
Project No.	:	340381-05	Eligible Project Cost:	\$ 1,344,941
FY01 Rank	:	269		
County	:	MORRIS	Total State Amount	: \$ 1,344,941

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.01210</b>

Project Name, Number

Priority List Rank

ROXBURY TWP  
340381-05  
I/I CORRECTION

269

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  
FY01 Rank : 270  
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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 0.01199  
TOTAL POINTS 50.01199

Project Name, Number

Priority List Rank

HACKETTSTOWN MUA  
340803-03  
SEWAGE TREATMENT & DISPOSAL

270

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	:	HOLMDEL TOWNSHIP		
Project No.	:	340919-02	Eligible Project Cost:	\$ 40,665,789
FY01 Rank	:	271		
County	:	MONMOUTH	Total State Amount	: \$ 40,665,789

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.01153</b>

Project Name, Number

Priority List Rank

HOLMDEL TOWNSHIP  
340919-02  
COLLECTION SYSTEM, INTERCEPTOR

271

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 VanSchiocck. 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
FY01 Rank	:	272		
County	:	ATLANTIC	Total State Amount	\$ 113,605

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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  
340618-01  
I/I CORRECTION

272

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 : TOTOWA BOROUGH

Project No. : 340778-01 Eligible Project Cost: \$ 985,189

FY01 Rank : 273

County : PASSAIC Total State Amount : \$ 985,189

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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 0.01119

TOTAL POINTS 50.01119

Project Name, Number

Priority List Rank

TOTOWA BOROUGH  
340778-01  
I/I CORRECTION

273

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 : FLORHAM PARK SA

Project No. : 340703-05 Eligible Project Cost : \$ 1,396,910

FY01 Rank : 274

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
Dissolved Oxygen	0	50	100	0
Fecal 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  
340703-05  
I/I CORRECTION

274

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	:	WESTWOOD BOROUGH		
Project No.	:	340862-01	Eligible Project Cost:	\$ 971,701
FY01 Rank	:	275		
County	:	BERGEN	Total State Amount	: \$ 971,701

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.01092</b>

Project Name, Number

Priority List Rank

WESTWOOD BOROUGH  
340862-01  
I/I CORRECTION

275

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	:	RIVER EDGE BOROUGH		
Project No.	:	340841-01	Eligible Project Cost:	\$ 458,425
FY01 Rank	:	276		
County	:	BERGEN	Total State Amount	: \$ 458,425

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.01064
TOTAL POINTS	50.01064

Project Name, Number

Priority List Rank

RIVER EDGE BOROUGH  
340841-01  
I/I CORRECTION

276

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
FY01 Rank	:	277		
County	:	PASSAIC	Total State Amount	\$ 1,567,310

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.01058</b>

Project Name, Number

Priority List Rank

WANAQUE VALLEY RSA/WANAQUE BOROUGH  
340780-02  
I/I CORRECTION

277

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
FY01 Rank	:	278		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

278

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
FY01 Rank	:	279		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.01034
TOTAL POINTS	50.01034

Project Name, Number

Priority List Rank

FAIRVIEW BOROUGH  
340517-01  
I/I CORRECTION

279

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	:	BRIGANTINE CITY		
Project No.	:	340827-01	Eligible Project Cost:	\$ 2,986,140
FY01 Rank	:	280		
County	:	ATLANTIC	Total State Amount	: \$ 2,986,140

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00988
<b>TOTAL POINTS</b>	<b>50.00988</b>

Project Name, Number

Priority List Rank

BRIGANTINE CITY  
340827-01  
I/I CORRECTION

280

County

ATLANTIC

Existing Population

9,880

Service Area

The service area consists of the City of Brigantine. It is located north of Atlantic City on an island in Reeds Bay.

Need for Project

The City of Brigantine has a wastewater collection system which consists of approximately 187,300 linear feet of pipe. A total of 121,912 linear feet is subject to excessive infiltration. The amount of infiltration that can be cost effectively removed with sewer system rehabilitation is approximately 138,200 gpd.

Project Description

This project entails the I/I correction of the sewer system of the City of Brigantine. This would decrease the load on the Atlantic County regional STP due to excessive infiltration and inflow. The infiltration/inflow problem in this area is most pronounced at times of abnormally high tides and excessive rainfall. At these times there are some sewer backups and overflows at the pumping stations, however, these occurrences are very infrequent.

Anticipated Recipient	:	LITTLE FERRY BOROUGH		
Project No.	:	340425-01	Eligible Project Cost:	\$ 4,915,537
FY01 Rank	:	281		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00970</b>

Project Name, Number

Priority List Rank

LITTLE FERRY BOROUGH  
340425-01  
SEWER REHABILITATION

281

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
FY01 Rank	:	282		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00927
<b>TOTAL POINTS</b>	<b>50.00927</b>

Project Name, Number

Priority List Rank

MATAWAN BOROUGH  
340967-01  
I/I CORRECTION

282

County

MONMOUTH

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	:	MATAWAN BOROUGH		
Project No.	:	340967-04	Eligible Project Cost:	\$ 2,794,331
FY01 Rank	:	282		
County	:	MONMOUTH	Total State Amount	: \$ 2,794,331

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00927
<b>TOTAL POINTS</b>	<b>50.00927</b>

Project Name, Number

Priority List Rank

MATAWAN BOROUGH

282

340967-04

SEWER REHABILITATION

County

MONMOUTH

Existing Population

9,270

Service Area

Borough of Matawan

Need for Project

Existing dual mains in the Borough of Matawan are in extremely poor condition and could create a significant environmental hazard if they were to fail.

Project Description

The proposed project involves installation of approximately 2,000 LF of 36" DIP sanitary sewer trunk main to replace existing antiquated dual trunk mains.

Anticipated Recipient	:	AUDUBON BOROUGH		
Project No.	:	340309-01	Eligible Project Cost:	\$ 1,094,976
FY01 Rank	:	284		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00921
<b>TOTAL POINTS</b>	<b>50.00921</b>

Project Name, Number

Priority List Rank

AUDUBON BOROUGH  
340309-01  
INFILTRATION/INFLOW

284

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	:	HADDON HEIGHTS BOROUGH		
Project No.	:	340877-01	Eligible Project Cost:	\$ 866,639
FY01 Rank	:	285		
County	:	CAMDEN	Total State Amount	\$ 866,639

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00820
<b>TOTAL POINTS</b>	<b>50.00820</b>

Project Name, Number

Priority List Rank

HADDON HEIGHTS BOROUGH

285

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
FY01 Rank	:	286		
County	:	BERGEN	Total State Amount	: \$ 194,773

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00802</b>

Project Name, Number

Priority List Rank

BOGOTA BOROUGH  
340914-01  
SEWER REHABILITATION

286

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.

Anticipated Recipient	:	GLEN RIDGE BOROUGH		
Project No.	:	340861-01	Eligible Project Cost:	\$ 337,786
FY01 Rank	:	287		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00787
TOTAL POINTS	50.00787

Project Name, Number

Priority List Rank

GLEN RIDGE BOROUGH  
340861-01  
I/I CORRECTION

287

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
FY01 Rank	:	288		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00784
<b>TOTAL POINTS</b>	<b>50.00784</b>

Project Name, Number

Priority List Rank

SOUTH AMBOY CITY  
340326-06  
I/I CORRECTION

288

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
FY01 Rank	:	289		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00770</b>

Project Name, Number

Priority List Rank

HAMILTON TOWNSHIP MUA  
340903-02  
COLLECTION SYSTEM

289

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	:	MONTVALE BOROUGH		
Project No.	:	340846-01	Eligible Project Cost:	\$ 104,753
FY01 Rank	:	290		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00753
<b>TOTAL POINTS</b>	<b>50.00753</b>

Project Name, Number

Priority List Rank

MONTVALE BOROUGH  
340846-01  
I/I CORRECTION

290

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	:	MEDFORD TOWNSHIP		
Project No.	:	340346-01	Eligible Project Cost:	\$ 3,997,392
FY01 Rank	:	291		
County	:	BURLINGTON	Total State Amount	: \$ 3,997,392

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00700</b>

Project Name, Number

MEDFORD TOWNSHIP  
340346-01  
SEWER REHABILITATION

Priority List Rank

291

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	:	BARRINGTON BOROUGH		
Project No.	:	340305-01	Eligible Project Cost:	\$ 118,032
FY01 Rank	:	292		
County	:	CAMDEN	Total State Amount	\$ 118,032

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00677
<b>TOTAL POINTS</b>	<b>50.00677</b>

Project Name, Number

Priority List Rank

BARRINGTON BOROUGH  
340305-01  
I/I CORRECTION

292

County

CAMDEN

Existing Population

6,774

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 an Infiltration/Inflow correction program to eliminate excessive I/I from the sewerage system.

Anticipated Recipient	:	BERNARDSVILLE BOROUGH		
Project No.	:	340816-03	Eligible Project Cost:	\$ 1,135,113
FY01 Rank	:	293		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00668
<b>TOTAL POINTS</b>	<b>50.00668</b>

Project Name, Number

Priority List Rank

BERNARDSVILLE BOROUGH  
340816-03  
I/I CORRECTION

293

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	:	DUNELLEN BOROUGH		
Project No.	:	340916-02	Eligible Project Cost:	\$ 1,390,077
FY01 Rank	:	294		
County	:	MIDDLESEX	Total State Amount	: \$ 1,390,077

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00653
<b>TOTAL POINTS</b>	<b>50.00653</b>

Project Name, Number

Priority List Rank

DUNELLEN BOROUGH  
340916-02  
PUMP STATION REHABILITATION

294

County

MIDDLESEX

Existing Population

6,528

Service Area

Borough of Dunellen

Need for Project

The Borough of Dunellen is under an ACO to address the poor condition of its Gallagher Pumping Station and Washington Avenue Ejector Station.

Project Description

The proposed project consists of installation of a new submersible pumping station and rehabilitation of the existing building and control room at the Gallagher Pumping Station. The Borough will install a new generator and two verticle compressors at the Washington Avenue Ejector Station.

Anticipated Recipient	:	DUNELLEN BOROUGH		
Project No.	:	340916-01	Eligible Project Cost:	\$ 1,396,910
FY01 Rank	:	295		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00652</b>

Project Name, Number

Priority List Rank

DUNELLEN BOROUGH  
340916-01  
SEWER REHABILITATION

295

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	:	WASHINGTON BOROUGH (WARREN)		
Project No.	:	340706-05	Eligible Project Cost:	\$ 2,136,409
FY01 Rank	:	296		
County	:	WARREN	Total State Amount	: \$ 2,136,409

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00647
<b>TOTAL POINTS</b>	<b>50.00647</b>

Project Name, Number

Priority List Rank

WASHINGTON BOROUGH (WARREN)  
340706-05  
I/I CORRECTION

296

County

WARREN

Existing Population

6,474

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 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 in conjunction with the replacement/rehabilitation of sections of the sewer system.

Anticipated Recipient	:	HOPEWELL TOWNSHIP		
Project No.	:	340282-02	Eligible Project Cost:	\$ 3,475,917
FY01 Rank	:	297		
County	:	MERCER	Total State Amount	\$ 3,475,917

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00615</b>

Project Name, Number

Priority List Rank

HOPEWELL TOWNSHIP  
340282-02  
COLLECTION SYSTEM

297

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
FY01 Rank	:	298		
County	:	MONMOUTH	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

Priority List Rank

UNION BEACH BOROUGH  
340278-01  
SEWER REHABILITATION

298

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 : N ARLINGTON - LYNDHURST JT MTG (NARL)				
Project No.	:	340426-06	Eligible Project Cost:	\$ 218,940
FY01 Rank	:	299		
County	:	BERGEN	Total State Amount :	\$ 218,940

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00559</b>

Project Name, Number

Priority List Rank

N ARLINGTON - LYNDHURST JT MTG (NARL)  
340426-06  
SEWER REHABILITATION

299

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
FY01 Rank	:	299		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00559</b>

Project Name, Number

Priority List Rank

N ARLINGTON-LYNDHURST JT MTG (LYND)  
340426-05  
I/I CORRECTION

299

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
FY01 Rank	:	299		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00559
<b>TOTAL POINTS</b>	<b>50.00559</b>

Project Name, Number

Priority List Rank

ROCHELLE PARK TOWNSHIP  
340310-01  
SEWER REHABILITATION

299

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
FY01 Rank	:	302		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00552
TOTAL POINTS	50.00552

Project Name, Number

Priority List Rank

POINT PLEASANT BEACH BOROUGH  
340479-02  
I/I CORRECTION

302

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
FY01 Rank	:	303		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.00551
<b>TOTAL POINTS</b>	<b>50.00551</b>

Project Name, Number

Priority List Rank

CARLSTADT SEWERAGE AUTHORITY  
340705-04  
SEWER REHABILITATION, PUMP STATION

303

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	:	SPRING LAKES HEIGHTS, BOROUGH OF		
Project No.	:	340840-01	Eligible Project Cost:	\$ 163,328
FY01 Rank	:	304		
County	:	MONMOUTH	Total State Amount	\$ 163,328

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00537
<b>TOTAL POINTS</b>	<b>50.00537</b>

Project Name, Number

Priority List Rank

SPRING LAKES HEIGHTS, BOROUGH OF  
340840-01  
I/I CORRECTION

304

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	:	MANASQUAN BOROUGH		
Project No.	:	340911-01	Eligible Project Cost:	\$ 6,093,106
FY01 Rank	:	305		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00534
<b>TOTAL POINTS</b>	<b>50.00534</b>

Project Name, Number

Priority List Rank

MANASQUAN BOROUGH  
340911-01  
SEWER REHABILITATION

305

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	:	EAST GREENWICH TOWNSHIP		
Project No.	:	340368-01	Eligible Project Cost:	\$ 660,187
FY01 Rank	:	306		
County	:	GLOUCESTER	Total State Amount	: \$ 660,187

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00526
<b>TOTAL POINTS</b>	<b>50.00526</b>

Project Name, Number

Priority List Rank

EAST GREENWICH TOWNSHIP  
340368-01  
COLLECTION SYSTEM

306

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	:	HIGHLANDS BOROUGH		
Project No.	:	340901-01	Eligible Project Cost:	\$ 877,696
FY01 Rank	:	307		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00519
<b>TOTAL POINTS</b>	<b>50.00519</b>

Project Name, Number

Priority List Rank

HIGHLANDS BOROUGH  
340901-01  
I/I CORRECTION

307

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	:	CHESTERFIELD TOWNSHIP		
Project No.	:	340944-02	Eligible Project Cost:	\$ 3,945,521
FY01 Rank	:	308		
County	:	BURLINGTON	Total State Amount	: \$ 3,945,521

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00515
<b>TOTAL POINTS</b>	<b>50.00515</b>

Project Name, Number

Priority List Rank

CHESTERFIELD TOWNSHIP  
340944-02  
COLLECTION SYSTEM, STP

308

County

BURLINGTON

Existing Population

5,150

Service Area

Portion of Chesterfield Township

Need for Project

Currently all units within Crooswick's Village are serviced by individual, subsurface disposal systems which are experiencing failures due to poor soils and small lot size. This condition may adversely impact groundwater quality.

Project Description

The proposed project includes the construction of a wastewater collection system in Crosswick Village, two pumping stations and a force main which will convey sewage to the existing STP owned and operated by the Department of Corrections, known as Wagner State Correctional Facility, located in Chesterfield Borough.

Anticipated Recipient	:	NORTH WILDWOOD CITY		
Project No.	:	340663-03	Eligible Project Cost:	\$ 5,050,493
FY01 Rank	:	309		
County	:	CAPE MAY	Total State Amount	\$ 5,050,493

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00502
<b>TOTAL POINTS</b>	<b>50.00502</b>

Project Name, Number

Priority List Rank

NORTH WILDWOOD CITY  
340663-03  
SEWER REHABILITATION

309

County

CAPE MAY

Existing Population

5,017

Service Area

North Wildwood City

Need for Project

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

Project Description

The proposed project involves reconstruction and replacement of sewer mains, manholes, and sewer laterals in a forty block area of the City.

Anticipated Recipient	:	MAGNOLIA BOROUGH		
Project No.	:	340285-01	Eligible Project Cost:	\$ 1,259,960
FY01 Rank	:	310		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00486
<b>TOTAL POINTS</b>	<b>50.00486</b>

Project Name, Number

Priority List Rank

MAGNOLIA BOROUGH  
340285-01  
SEWER REHABILITATION

310

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
FY01 Rank	:	311		
County	:	MONMOUTH	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00485
<b>TOTAL POINTS</b>	<b>50.00485</b>

Project Name, Number

Priority List Rank

HIGHLANDS BOROUGH  
340901-02  
I/I CORRECTION

311

County

MONMOUTH

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
FY01 Rank	:	311		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.00485
<b>TOTAL POINTS</b>	<b>50.00485</b>

Project Name, Number

Priority List Rank

ROSELAND BOROUGH  
340361-01  
I/I CORRECTION

311

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	:	HARRISON TOWNSHIP		
Project No.	:	340362-01	Eligible Project Cost:	\$ 3,125,171
FY01 Rank	:	313		
County	:	GLOUCESTER	Total State Amount	: \$ 3,125,171

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00472
<b>TOTAL POINTS</b>	<b>50.00472</b>

Project Name, Number

Priority List Rank

HARRISON TOWNSHIP  
340362-01  
SYSTEM REHABILITATION

313

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	:	HARRISON TOWNSHIP		
Project No.	:	340362-02	Eligible Project Cost:	\$ 2,350,757
FY01 Rank	:	313		
County	:	GLOUCESTER	Total State Amount	: \$ 2,350,757

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	0
	Subtotal	<u>50</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.00472
<b>TOTAL POINTS</b>	<b>50.00472</b>

Project Name, Number

Priority List Rank

HARRISON TOWNSHIP

313

340362-02

I/I CORRECTION, PS REHABILITATION

County

GLOUCESTER

Existing Population

4,715

Service Area

Harrison Township

Need for Project

Harrison Township has eleven existing pumping stations. Most of these stations are located in the Mullica Hill section. Several are 25-30 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. In addition, the Township's sewer system is old and in need of repair. The I/I study will identify areas of blockage, poor construction or structural failure.

Project Description

The proposed project includes improvements to the Township's pump stations to bring them up to current operational standards and sanitary sewer repair or replacement.

Anticipated Recipient : WESTVILLE BOROUGH

Project No. : 340289-01 Eligible Project Cost: \$ 708,917

FY01 Rank : 315

County : GLOUCESTER Total State Amount : \$ 708,917

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

Priority List Rank

WESTVILLE BOROUGH  
340289-01  
I/I CORRECTION

315

County

GLOUCESTER

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
FY01 Rank	:	316		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00443
<b>TOTAL POINTS</b>	<b>50.00443</b>

Project Name, Number

SAYREVILLE BOROUGH  
340326-07  
I/I CORRECTION

Priority List Rank

316

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	:	DELAWARE TOWNSHIP MUA		
Project No.	:	340917-02	Eligible Project Cost:	\$ 430,399
FY01 Rank	:	317		
County	:	HUNTERDON	Total State Amount	: \$ 430,399

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

317

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.

Anticipated Recipient	:	HIGH BRIDGE BOROUGH			
Project No.	:	340842-01	Eligible Project Cost:	\$	243,967
FY01 Rank	:	318			
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00377</b>

Project Name, Number

HIGH BRIDGE BOROUGH  
340842-01  
I/I CORRECTION

Priority List Rank

318

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  
FY01 Rank : 319  
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  
Inadequate Secondary Treatment 200 0  
Sludge Disposal/Treatment 100 0  
New Systems 50 0  
I/I Correction 50 50  
Advanced Treatment 25 0  
Stormwater/NPS Management 25 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

Priority List Rank

STANHOPE BOROUGH  
340504-02  
I/I CORRECTION

319

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	:	SOUTH BOUND BROOK BOROUGH		
Project No.	:	340347-01	Eligible Project Cost:	\$ 1,239,434
FY01 Rank	:	320		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00350
<b>TOTAL POINTS</b>	<b>50.00350</b>

Project Name, Number

Priority List Rank

SOUTH BOUND BROOK BOROUGH  
340347-01  
INTERCEPTOR

320

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 : HAINESPORT TOWNSHIP

Project No. : 340375-01 Eligible Project Cost: \$ 12,909,663

FY01 Rank : 321

County : BURLINGTON Total State Amount : \$ 12,909,663

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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      0.00325

TOTAL POINTS      50.00325

Project Name, Number

HAINESPORT TOWNSHIP  
340375-01  
COLLECTION SYSTEM

Priority List Rank

321

County

BURLINGTON

Existing Population

3,249

Service Area

Clermont, Oakdale, Hainesport Proper, Deacon Road Area, Rancocas Heights

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. The proposed sewer service area is located within the 208 service area of the Mount Holly MUA which will provide collection and treatment.

Project Description

The proposed project consists of 13 miles of 8" PVC sanitary sewer lines with 4' diameter manholes, 4 submerible pumping stations, 2 grinder pumping stations, and 1.5 miles of force main.

Anticipated Recipient : WOODBINE MUA  
 Project No. : 340370-01 Eligible Project Cost: \$ 12,630,925  
 FY01 Rank : 322  
 County : CAPE MAY Total State Amount : \$ 12,630,925

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00300
	TOTAL POINTS	50.00300

Project Name, Number

Priority List Rank

WOODBINE MUA

322

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	:	SEA ISLE CITY		
Project No.	:	340659-01	Eligible Project Cost:	\$ 667,397
FY01 Rank	:	323		
County	:	CAPE MAY	Total State Amount	: \$ 667,397

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00295
<b>TOTAL POINTS</b>	<b>50.00295</b>

Project Name, Number

Priority List Rank

SEA ISLE CITY  
340659-01  
I/I CORRECTION

323

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 : MOONACHIE BOROUGH

Project No. : 340970-02 Eligible Project Cost: \$ 332,158

FY01 Rank : 324

County : BERGEN Total State Amount : \$ 332,158

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<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

Priority List Rank

MOONACHIE BOROUGH  
340970-02  
I/I CORRECTION

324

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	:	WOODLYNNE BOROUGH		
Project No.	:	340849-01	Eligible Project Cost:	\$ 4,264,056
FY01 Rank	:	325		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00258
<b>TOTAL POINTS</b>	<b>50.00258</b>

Project Name, Number

Priority List Rank

WOODLYNNE BOROUGH  
340849-01  
I/I CORRECTION

325

County

CAMDEN

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	:	CRANBURY TOWNSHIP		
Project No.	:	340506-02	Eligible Project Cost:	\$ 3,603,428
FY01 Rank	:	326		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00250
<b>TOTAL POINTS</b>	<b>50.00250</b>

Project Name, Number

Priority List Rank

CRANBURY TOWNSHIP  
340506-02  
COLLECTION SYSTEM

326

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	:	AVON-BY-THE-SEA BOROUGH		
Project No.	:	340335-01	Eligible Project Cost:	\$ 3,973,856
FY01 Rank	:	327		
County	:	MONMOUTH	Total State Amount	: \$ 3,973,856

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00235</b>

Project Name, Number

Priority List Rank

AVON-BY-THE-SEA BOROUGH  
340335-01  
SEWER REHABILITATION

327

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	:	NORTH BERGEN MUA		
Project No.	:	340652-06	Eligible Project Cost:	\$ 3,997,392
FY01 Rank	:	328		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00233</b>

Project Name, Number

NORTH BERGEN MUA  
340652-06  
STP IMPROVEMENTS

Priority List Rank

328

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

FY01 Rank : 329

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

Priority List Rank

LAVALETTE BOROUGH  
340966-03  
SEWER REHABILITATION

329

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  
FY01 Rank : 330  
County : OCEAN 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  
Inadequate Secondary Treatment 200 0  
Sludge Disposal/Treatment 100 0  
New Systems 50 0  
I/I Correction 50 50  
Advanced Treatment 25 0  
Stormwater/NPS Management 25 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

Priority List Rank

LAVALETTE BOROUGH  
340966-02  
I/I CORRECTION

330

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	:	PEAPACK & GLADSTONE BOROUGH		
Project No.	:	340822-01	Eligible Project Cost:	\$ 125,409
FY01 Rank	:	331		
County	:	SOMERSET	Total State Amount	\$ 125,409

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00212</b>

Project Name, Number

Priority List Rank

PEAPACK & GLADSTONE BOROUGH  
340822-01  
I/I CORRECTION

331

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

FY01 Rank : 332

County : WARREN 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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

Priority List Rank

GREENWICH TOWNSHIP  
340359-01  
STP, COLLECTION SYSTEM

332

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	:	CLINTON TWP SEWERAGE AUTHORITY		
Project No.	:	340873-01	Eligible Project Cost:	\$ 289,789
FY01 Rank	:	333		
County	:	HUNTERDON	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00188
<b>TOTAL POINTS</b>	<b>50.00188</b>

Project Name, Number

Priority List Rank

CLINTON TWP SEWERAGE AUTHORITY  
340873-01  
I/I CORRECTION

333

County

HUNTERDON

Existing Population

1,880

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	:	DEAL BOROUGH		
Project No.	:	340412-08	Eligible Project Cost:	\$ 1,259,960
FY01 Rank	:	334		
County	:	MONMOUTH	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00185
<b>TOTAL POINTS</b>	<b>50.00185</b>

Project Name, Number

Priority List Rank

DEAL BOROUGH  
340412-08  
I/I CORRECTION

334

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
FY01 Rank	:	335		
County	:	HUDSON	Total State Amount	: \$ 511,491

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00183</b>

Project Name, Number

Priority List Rank

EAST NEWARK BOROUGH  
340848-01  
I/I CORRECTION

335

County

HUDSON

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  
 FY01 Rank : 336  
 County : MORRIS Total State Amount : \$ 1,191,434

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00151
<b>TOTAL POINTS</b>	<b>50.00151</b>

Project Name, Number

CHESTER BOROUGH  
340876-02  
STP

Priority List Rank

336

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  
 FY01 Rank : 337  
 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	50
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00150
<b>TOTAL POINTS</b>	<b>50.00150</b>

Project Name, Number

Priority List Rank

COMMERCIAL TOWNSHIP  
340955-01  
COLLECTION SYSTEM, STP

337

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

FY01 Rank : 338

County : OCEAN Total State Amount : \$ 2,230,279

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  
Inadequate Secondary Treatment    200                      0  
Sludge Disposal/Treatment         100                      0  
New Systems                          50                        0  
I/I Correction                        50                        50  
Advanced Treatment                 25                        0  
Stormwater/NPS Management        25                        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

Priority List Rank

BAY HEAD BOROUGH  
340590-02  
I/I CORRECTION

338

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 : MANSFIELD TOWNSHIP

Project No. : 340935-02 Eligible Project Cost: \$ 147,540  
FY01 Rank : 339  
County : WARREN 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  
Inadequate Secondary Treatment 200 0  
Sludge Disposal/Treatment 100 0  
New Systems 50 0  
I/I Correction 50 50  
Advanced Treatment 25 0  
Stormwater/NPS Management 25 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 0.00100  
TOTAL POINTS 50.00100

Project Name, Number

MANSFIELD TOWNSHIP  
340935-02  
I/I CORRECTION

Priority List Rank

339

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.

Anticipated Recipient	:	ROOSEVELT BOROUGH		
Project No.	:	340761-02	Eligible Project Cost:	\$ 1,522,661
FY01 Rank	:	340		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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
<b>TOTAL POINTS</b>	<b>50.00085</b>

Project Name, Number

Priority List Rank

ROOSEVELT BOROUGH  
340761-02  
I/I CORRECTION

340

County

MONMOUTH

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	:	STOCKTON BOROUGH		
Project No.	:	340962-01	Eligible Project Cost:	\$ 1,328,511
FY01 Rank	:	341		
County	:	HUNTERDON	Total State Amount	: \$ 1,328,511

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00063
<b>TOTAL POINTS</b>	<b>50.00063</b>

Project Name, Number

Priority List Rank

STOCKTON BOROUGH  
340962-01  
I/I CORRECTION

341

County

HUNTERDON

Existing Population

630

Service Area

Borough of Stockton

Need for Project

The Borough of Stockton's sanitary collection system is subject to significant amounts of Infiltration/Inflow during wet weather conditions.

Project Description

A monitoring and metering study was undertaken to determine the sources and quantities of infiltration and inflow. Rehabilitative measures have been developed based on the results of this study. The project proposes to repair the existing sanitary sewer system.

Anticipated Recipient	:	WEST WILDWOOD BOROUGH		
Project No.	:	340626-03	Eligible Project Cost:	\$ 564,453
FY01 Rank	:	342		
County	:	CAPE MAY	Total State Amount	\$ 564,453

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00037
<b>TOTAL POINTS</b>	<b>50.00037</b>

Project Name, Number

Priority List Rank

WEST WILDWOOD BOROUGH  
340626-03  
I/I CORRECTION

342

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	:	WEST MILFORD TOWNSHIP MUA		
Project No.	:	340701-08	Eligible Project Cost:	\$ 2,384,181
FY01 Rank	:	343		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	50
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00000
<b>TOTAL POINTS</b>	<b>50.00000</b>

Project Name, Number

Priority List Rank

WEST MILFORD TOWNSHIP MUA  
340701-08  
SEWER SYSTEM REHABILITATION

343

County

PASSAIC

Existing Population

0

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	:	LANDIS SA		
Project No.	:	340461-05	Eligible Project Cost:	\$ 3,603,428
FY01 Rank	:	344		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	25
Stormwater/NPS Management	25	0
	Subtotal	<u>25</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	8.00000
Population	0.05478
<b>TOTAL POINTS</b>	<b>33.05478</b>

Project Name, Number

Priority List Rank

LANDIS SA  
340461-05  
STP INFLUENT PS, GRIT CHAMBER

344

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 : CAMDEN CITY

Project No. : 340366-04 Eligible Project Cost : \$ 6,093,106

FY01 Rank : 345

County : CAMDEN Total State Amount : \$ 6,093,106

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
Subtotal		<u>25</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      7.50000

Population      0.08750

TOTAL POINTS      32.58750

Project Name, Number

CAMDEN CITY  
340366-04  
WELL SEALING

Priority List Rank

345

County

CAMDEN

Existing Population

87,500

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 230 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 : NEW BRUNSWICK CITY

Project No. : 340437-11 Eligible Project Cost: \$ 4,653,327

FY01 Rank : 346

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
Subtotal		<u>25</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      7.50000

Population      0.04200

TOTAL POINTS      32.54200

Project Name, Number

NEW BRUNSWICK CITY  
340437-11  
STORMWATER MANAGEMENT

Priority List Rank

346

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	:	MONMOUTH COUNTY BOARD OF FREEHOLDERS		
Project No.	:	340788-05	Eligible Project Cost:	\$ 923,244
FY01 Rank	:	347		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00000
Population	0.55312
<b>TOTAL POINTS</b>	<b>25.55312</b>

Project Name, Number

Priority List Rank

MONMOUTH COUNTY BOARD OF FREEHOLDERS  
340788-05  
STORMWATER/NPS MANAGEMENT

347

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
FY01 Rank	:	348		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00000
Population	0.50282
<b>TOTAL POINTS</b>	<b>25.50282</b>

Project Name, Number

Priority List Rank

CAMDEN COUNTY BOARD OF FREEHOLDERS  
340525-01  
STORMWATER/NPS MANAGEMENT

348

County

CAMDEN

Existing Population

502,824

Service Area

Hero's Island in Pennsuaken/Cherry Hill

Need for Project

Hero'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 bulkheading 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
FY01 Rank	:	348		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.50282
<b>TOTAL POINTS</b>	<b>25.50282</b>

Project Name, Number

Priority List Rank

CAMDEN COUNTY DEPARTMENT OF PARKS  
340525-02  
STORMWATER/NPS MANAGEMENT

348

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
FY01 Rank	:	348		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00000
Population	0.50282
<b>TOTAL POINTS</b>	<b>25.50282</b>

Project Name, Number

Priority List Rank

CAMDEN COUNTY DEPARTMENT OF PARKS  
340525-03  
STORMWATER/NPS MANAGEMENT

348

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.

Anticipated Recipient : UNION COUNTY

Project No. : 340280-01 Eligible Project Cost: \$ 5,015,073

FY01 Rank : 351

County : UNION Total State Amount : \$ 5,015,073

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
Subtotal		<u>25</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 0.49631

TOTAL POINTS 25.49631

Project Name, Number

Priority List Rank

UNION COUNTY

351

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	:	UNION TOWNSHIP		
Project No.	:	340293-02	Eligible Project Cost:	\$ 2,718,518
FY01 Rank	:	352		
County	:	UNION	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00000
Population	0.05002
<b>TOTAL POINTS</b>	<b>25.05002</b>

Project Name, Number

Priority List Rank

UNION TOWNSHIP

352

340293-02

STORMWATER/NPS MANAGEMENT

County

UNION

Existing Population

50,024

Service Area

Township of Union

Need for Project

The areas of the Township along the East Branch of the Rahway River are prone to flooding due to lack of adequate floodwalls. These same areas also lack stormwater drainage systems. Flooding and uncontrolled storm runoff result in more pollutants ultimately discharging into the River.

Project Description

The proposed project includes construction of a floodwall and earth dike along the eastern shore of the East Branch of the Rahway River adjacent to the Franklin Street, East Branch Street, and Muir Place areas of the Township. Construction of an interior drainage system, a local detention basin, and a stormwater pumping station at the detention basin outlet is also proposed to serve these areas.

Anticipated Recipient	:	EWING TOWNSHIP		
Project No.	:	340397-01	Eligible Project Cost:	\$ 465,419
FY01 Rank	:	353		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00000
Population	0.03419
<b>TOTAL POINTS</b>	<b>25.03419</b>

Project Name, Number

Priority List Rank

EWING TOWNSHIP  
340397-01  
STORMWATER/NPS MANAGEMENT

353

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  
FY01 Rank : 353  
County : MERCER Total State Amount : \$ 185,346

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  
Inadequate Secondary Treatment 200 0  
Sludge Disposal/Treatment 100 0  
New Systems 50 0  
I/I Correction 50 0  
Advanced Treatment 25 0  
Stormwater/NPS Management 25 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 0.00000  
Population 0.03419  
TOTAL POINTS 25.03419

Project Name, Number

Priority List Rank

EWING TOWNSHIP  
340397-03  
STORMWATER MANAGEMENT

353

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 : PEMBERTON TOWNSHIP  
 Project No. : 340649-03 Eligible Project Cost : \$ 360,245  
 FY01 Rank : 355  
 County : BURLINGTON 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.03134
<b>TOTAL POINTS</b>	<b>25.03134</b>

Project Name, Number

Priority List Rank

PEMBERTON TOWNSHIP  
340649-03  
STORMWATER/NPS MANAGEMENT

355

County

BURLINGTON

Existing Population

31,342

Service Area

Pemberton Township

Need for Project

Construction of a road salt storage building will provide an effective runoff control system for the prevention of ground and surface water contamination from storm event runoff. Presently, at the municipal complex, there is no protection from the weather for the Township's salt storage; road salt is stockpiled outdoors and exposed directly to rain and snowfall. Storm runoff from the salt storage site flows to a large freshwater wetland area located immediately adjacent to the municipal complex. Indoor storage of road salt will eliminate runoff saturated with road salt from draining into this wetland system.

Project Description

This project consists of construction of a salt storage building. The project will include on-site stormwater retention facilities. The building will also include apparatus for storage of road salt spreading equipment when not in use.

Anticipated Recipient : MARLBORO TOWNSHIP  
 Project No. : 340268-01 Eligible Project Cost: \$ 169,048  
 FY01 Rank : 356  
 County : MONMOUTH Total State Amount : \$ 169,048

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
Subtotal		25

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	0.02797
TOTAL POINTS	25.02797

Project Name, Number

Priority List Rank

MARLBORO TOWNSHIP  
340268-01  
STORMWATER/NPS MAINTENANCE EQUIPMENT

356

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	:	OCEAN TOWNSHIP		
Project No.	:	340750-04	Eligible Project Cost:	\$ 1,198,294
FY01 Rank	:	357		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.02506
<b>TOTAL POINTS</b>	<b>25.02506</b>

Project Name, Number

Priority List Rank

OCEAN TOWNSHIP  
340750-04  
STORMWATER MANAGEMENT

357

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	:	HAZLET TOWNSHIP		
Project No.	:	340968-02	Eligible Project Cost:	\$ 416,419
FY01 Rank	:	358		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.02198
<b>TOTAL POINTS</b>	<b>25.02198</b>

Project Name, Number

Priority List Rank

HAZLET TOWNSHIP  
340968-02  
STORMWATER/NPS MANAGEMENT

358

County

MONMOUTH

Existing Population

21,976

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
FY01 Rank	:	358		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.02198
TOTAL POINTS	25.02198

Project Name, Number

HAZLET TOWNSHIP  
340968-03  
STORMWATER MANAGEMENT

Priority List Rank

358

County

MONMOUTH

Existing Population

21,976

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 : MOUNT OLIVE TOWNSHIP

Project No. : 340537-05 Eligible Project Cost: \$ 1,266,579

FY01 Rank : 360

County : MORRIS Total State Amount : \$ 1,266,579

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
Subtotal		<u>25</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      0.02128

TOTAL POINTS      25.02128

Project Name, Number

Priority List Rank

MOUNT OLIVE TOWNSHIP  
340537-05  
STORMWATER MANAGEMENT

360

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	:	HIGHLAND PARK BOROUGH		
Project No.	:	340938-02	Eligible Project Cost:	\$ 479,390
FY01 Rank	:	361		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	25

<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	0.01328
<b>TOTAL POINTS</b>	<b>25.01328</b>

Project Name, Number

HIGHLAND PARK BOROUGH  
340938-02  
STORMWATER MANAGEMENT

Priority List Rank

361

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 : KEANSBURG BOROUGH  
 Project No. : 340118-02 Eligible Project Cost: \$ 3,589,445  
 FY01 Rank : 362  
 County : MONMOUTH Total State Amount : \$ 3,589,445

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</u>

<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	<u>0</u>

<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	<u>0</u>

State Planning Commission	0.00000
Population	0.01107
<b>TOTAL POINTS</b>	<b>25.01107</b>

Project Name, Number

KEANSBURG BOROUGH  
340118-02  
STORMWATER MANAGEMENT

Priority List Rank

362

County

MONMOUTH

Existing Population

11,069

Service Area

Town of Keansburg

Need for Project

The Town's existing storm sewer system has deteriorating pipes as well as inadequately sized pipes to handle the contributing drainage areas and an inadequate number of catch basins to handle runoff. This results in massive flooding causing stormwater to infiltrate and flood out sanitary manholes washing septic waste onto the streets and eventually into Waackaack Creek and the Raritan Bay. Flooding also results in more grease/oil, pesticides, fertilizers, etc. being washed into the Bay. Currently there is no direct or indirect treatment of stormwater prior to discharge into Waackaak Creek.

Project Description

The proposed project includes reconstruction of the North Waackaack Creek Drainage System to improve management of stormwater and ultimately improve the water quality of Waackaack Creek. The current undersized and deteriorating system will be replaced. New oil/grease separators are proposed for catch basins to reduce contaminants prior to discharge into Waackaack Creek. Concrete curbs and gutter aprons are proposed to keep runoff within the roadway reducing contact with fertilizers and pesticides.

Anticipated Recipient	:	MATAWAN BOROUGH		
Project No.	:	340967-03	Eligible Project Cost:	\$ 289,789
FY01 Rank	:	363		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00000
Population	0.00935
<b>TOTAL POINTS</b>	<b>25.00935</b>

Project Name, Number

Priority List Rank

MATAWAN BOROUGH  
340967-03  
STORMWATER / NPS MANAGEMENT

363

County

MONMOUTH

Existing Population

9,347

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 : MATAWAN BOROUGH

Project No. : 340967-02 Eligible Project Cost: \$ 4,404,418

FY01 Rank : 364

County : MONMOUTH Total State Amount : \$ 4,404,418

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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 0.00000

Population 0.00927

TOTAL POINTS 25.00927

Project Name, Number

Priority List Rank

MATAWAN BOROUGH

364

340967-02

STORMWATER MANAGEMENT

County

MONMOUTH

Existing Population

9,270

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	:	BOONTON TOWN		
Project No.	:	340265-01	Eligible Project Cost:	\$ 360,245
FY01 Rank	:	365		
County	:	MORRIS	Total State Amount	: \$ 360,245

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.00835
TOTAL POINTS	25.00835

Project Name, Number

BOONTON TOWN  
340265-01  
SEWER REHABILITATION

Priority List Rank

365

County

MORRIS

Existing Population

8,347

Service Area

Town of Boonton

Need for Project

The Town has indicated that the existing stormwater system is undersized resulting in flooding and the discharge of debris to the Rockaway River.

Project Description

The proposed project is to collect stormwater from Wootton Street south on Oak Street to Hillside and from Cedar Street and Hillside southeasterly to the intersection of Oak and along Oak south to Hillside. Stormwater would then be piped to the existing system on Hillside Avenue. Improvements would include inlets, subdrains, stormwater piping, curbing and roadway reconstruction.

Anticipated Recipient	:	KEYPORT BOROUGH		
Project No.	:	340267-01	Eligible Project Cost:	\$ 360,245
FY01 Rank	:	366		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.00759
TOTAL POINTS	25.00759

Project Name, Number

Priority List Rank

KEYPORT BOROUGH

366

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
FY01 Rank	:	367		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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	0.00000
Population	0.00756
TOTAL POINTS	25.00756

Project Name, Number

CRESSKILL BOROUGH  
340374-01  
STORMWATER/NPS MANAGEMENT

Priority List Rank

367

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 :	UNION BEACH BOROUGH		
Project No. :	340278-02	Eligible Project Cost :	\$ 847,274
FY01 Rank :	368		
County :	MONMOUTH	Total State Amount :	\$ 847,274

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.00616
<b>TOTAL POINTS</b>	<b>25.00616</b>

Project Name, Number

Priority List Rank

UNION BEACH BOROUGH  
340278-02  
STORMWATER MANAGEMENT

368

County

MONMOUTH

Existing Population

6,156

Service Area

Borough of Union Beach

Need for Project

The Borough experiences frequent flooding due to the lack of an adequate stormwater conveyance system.

Project Description

The proposed project involves the extension, replacement and/or upgrading of the exiting stormwater drainage system in two sections of the Borough. This project will eliminate flooding, which results from a storm sewer system that cannot adequately handle both stormwater and tidal waters, and will reduce flood damage to the surrounding properties.

Anticipated Recipient	:	BERLIN BOROUGH		
Project No.	:	340308-01	Eligible Project Cost:	\$ 708,917
FY01 Rank	:	369		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.00567
TOTAL POINTS	25.00567

Project Name, Number

BERLIN BOROUGH  
340308-01  
STORMWATER MANAGEMENT

Priority List Rank

369

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	:	BERLIN TOWNSHIP		
Project No.	:	340790-03	Eligible Project Cost:	\$ 1,317,721
FY01 Rank	:	370		
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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.00547
TOTAL POINTS	25.00547

Project Name, Number

Priority List Rank

BERLIN TOWNSHIP  
340790-03  
STORMWATER MANAGEMENT

370

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 : HIGHLANDS BOROUGH

Project No. : 340901-04 Eligible Project Cost: \$ 781,697

FY01 Rank : 371

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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 0.00000

Population 0.00486

TOTAL POINTS 25.00486

Project Name, Number

HIGHLANDS BOROUGH  
340901-04  
STORMWATER MANAGEMENT

Priority List Rank

371

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	:	ROSELAND BOROUGH		
Project No.	:	340361-02	Eligible Project Cost:	\$ 1,396,910
FY01 Rank	:	372		
County	:	ESSEX	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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.00485
<b>TOTAL POINTS</b>	<b>25.00485</b>

Project Name, Number

Priority List Rank

ROSELAND BOROUGH  
340361-02  
STORMWATER MANAGEMENT

372

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

FY01 Rank : 372

County : MONMOUTH Total State Amount : \$ 1,205,942

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	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 0.00000

Population 0.00485

TOTAL POINTS 25.00485

Project Name, Number

Priority List Rank

HIGHLANDS BOROUGH  
340901-03  
STORMWATER/NPS MANAGEMENT

372

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 : WILDWOOD CITY

Project No. : 340664-02 Eligible Project Cost: \$ 2,492,677

FY01 Rank : 374

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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.00448
TOTAL POINTS	25.00448

Project Name, Number

Priority List Rank

WILDWOOD CITY

374

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	:	LAWNSIDE BOROUGH		
Project No.	:	340263-01	Eligible Project Cost:	\$ 193,346
FY01 Rank	:	375		
County	:	CAMDEN	Total State Amount	\$ 193,346

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.00284
<b>TOTAL POINTS</b>	<b>25.00284</b>

Project Name, Number

LAWNSIDE BOROUGH  
340263-01  
STORMWATER MANAGEMENT

Priority List Rank

375

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 : AVON BY THE SEA BOROUGH  
 Project No. : 340335-02 Eligible Project Cost: \$ 360,245  
 FY01 Rank : 376  
 County : MONMOUTH Total State Amount : \$ 360,245

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.00235
<b>TOTAL POINTS</b>	<b>25.00235</b>

Project Name, Number

Priority List Rank

AVON BY THE SEA BOROUGH  
340335-02  
STORMWATER MANAGEMENT

376

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	:	SOUTH HACKENSACK TOWNSHIP		
Project No.	:	340266-01	Eligible Project Cost:	\$ 1,478,623
FY01 Rank	:	377		
County	:	BERGEN	Total State Amount	: \$ 1,478,623

<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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
	Subtotal	<u>25</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	0.00211
TOTAL POINTS	25.00211

Project Name, Number

Priority List Rank

SOUTH HACKENSACK TOWNSHIP  
340266-01  
STORMWATER MANAGEMENT

377

County

BERGEN

Existing Population

2,106

Service Area

South Hackensack Township

Need for Project

The existing storm sewer system in the Township has deteriorated pipes and inadequately sized pipes resulting in flooding. Flooding results in more grease/oil, pesticides, fertilizers, etc. being introduced into the storm system and discharging into the Hackensack River.

Project Description

The proposed project consists of replacement of approximately 8,730 linear feet of storm drainage pipe with larger capacity pipes. New inlets and catch basins will be installed. Watertight covers will be retrofitted on sanitary manholes to help eliminate stormwater inflow.

Anticipated Recipient : TETERBORO BOROUGH  
 Project No. : 340339-01 Eligible Project Cost: \$ 1,219,513  
 FY01 Rank : 378  
 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
Inadequate Secondary Treatment	200	0
Sludge Disposal/Treatment	100	0
New Systems	50	0
I/I Correction	50	0
Advanced Treatment	25	0
Stormwater/NPS Management	25	25
Subtotal		25

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

	0.00000
State Planning Commission	
Population	0.00002
TOTAL POINTS	25.00002

Project Name, Number

TETERBORO BOROUGH  
340339-01  
STORMWATER MANAGEMENT

Priority List Rank

378

County

BERGEN

Existing Population

20

Service Area

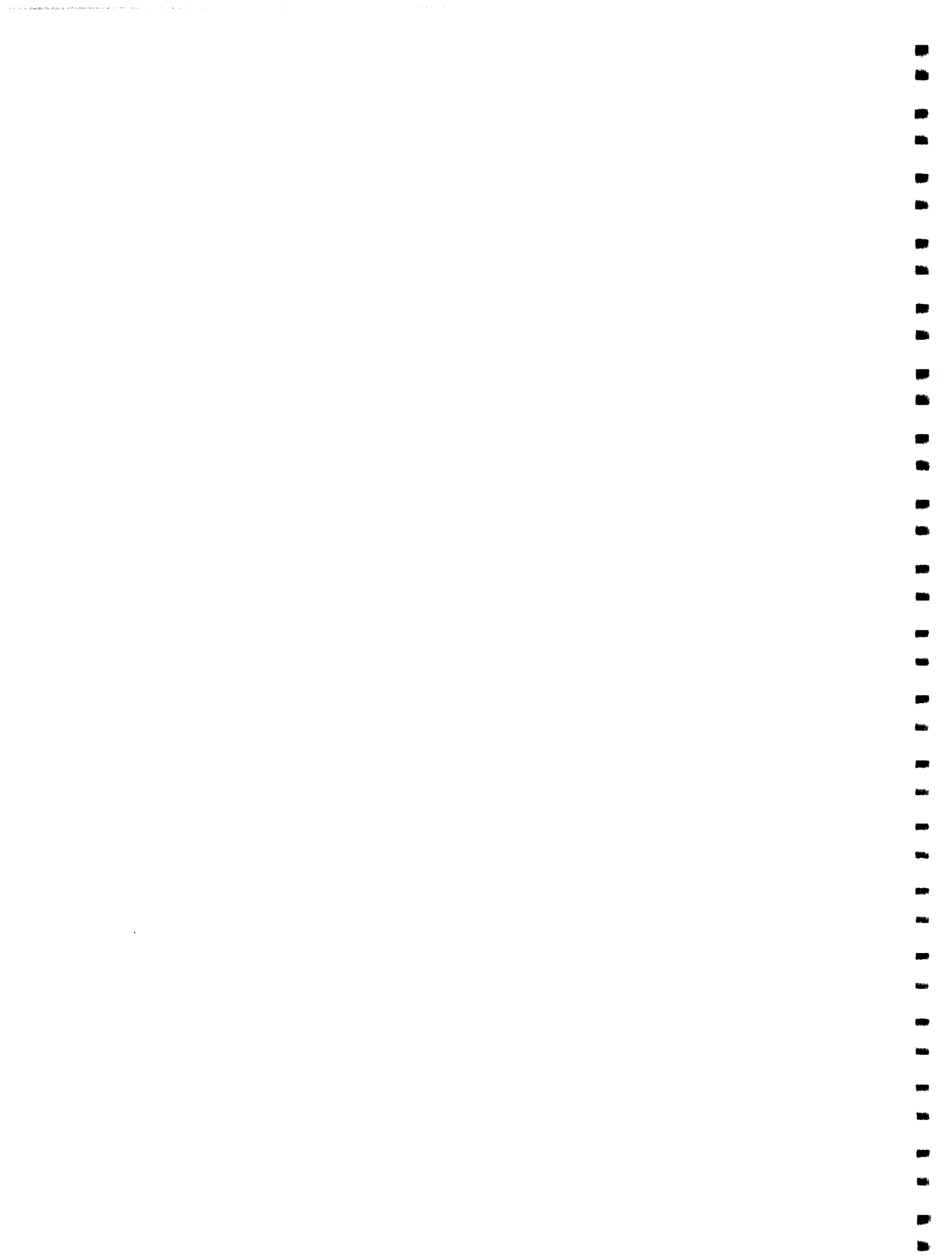
Teterboro Airport and West Riser Ditch Storm Drainage Systems

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.



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