

Anticipated Recipient : RAHWAY VALLEY SA

Project No. : 340547-04

Eligible Project Cost: \$ 5,142,027

FY04 Rank : 1

Total State Amount : \$ 5,142,027

County : UNION

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
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>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.25000

TOTAL POINTS800.25000

Project Name, Number

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

Priority List Rank

1

County

UNION

Existing Population

250,000

Service Area

Rahway City

Need for Project

The applicant operates a thirty-five (35) million gallons per day (MGD) water pollution control facility which was constructed in 1976 and conveyance facilities (including combined sewers). During storm events the lower portion of the Rahway River receives overflows from five (5) separate points owned and operated by member municipalities. Studies indicate that an appreciable impact (lower dissolved oxygen, high fecal coliform and nutrient concentration and toxics pollutants) is experienced only during local storms when flows from the river's upper reaches are low. Storms of high intensity and long duration will wash out the pollutant loadings from the discharges within a period of less than twelve hours and thereby have less of an impact. Primary contact recreation and shellfish harvesting are adversely impacted.

Project Description

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

Anticipated Recipient : PASSAIC VALLEY SC

Project No. : 340430-02Eligible Project Cost: \$ 100,557,651

FY04 Rank : 2

County : ESSEXTotal State Amount : \$ 100,557,651

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission50.00000

Population1.35000

TOTAL POINTS701.35000

Project Name, Number

PASSAIC VALLEY SC
340430-02
CSO ABATEMENT

Priority List Rank

2

County

ESSEX

Existing Population

1,350,000

Service Area

East Newark, Harrison, Kearny, Newark, Paterson

Need for Project

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

Project Description

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

Anticipated Recipient : OAKLAND BOROUGH

Project No. : 340418-03

Eligible Project Cost: \$ 36,522,885

FY04 Rank : 3

Total State Amount : \$ 36,522,885

County : BERGEN

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

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

III. WATER USE/WATER QUALITY POINTS

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

<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	100
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	175

State Planning Commission0.00000

Population0.01300

TOTAL POINTS675.01300

Project Name, Number

OAKLAND BOROUGH

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.

Priority List Rank

3

Anticipated Recipient : BRIDGEWATER TOWNSHIP

Project No. : 340638-04Eligible Project Cost: \$ 1,465,130

FY04 Rank : 4

County : SOMERSETTotal State Amount : \$ 1,465,130

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	25.00000
Population	0.01220
TOTAL POINTS	700.01220

Project Name, Number

BRIDGEWATER TOWNSHIP

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.

Priority List Rank

4

Anticipated Recipient : RARITAN BOROUGH

Project No. : 340781-04Eligible Project Cost: \$ 360,245

FY04 Rank : 5

County : SOMERSETTotal State Amount : \$ 360,245

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	25.00000
Population	0.00599
TOTAL POINTS	700.00599

Project Name, Number

RARITAN BOROUGH

340781-04

I/I CORRECTION - OVERFLOW

County

SOMERSET

Existing Population

5,990

Service Area

Raritan Borough

Need for Project

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

Project Description

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

Priority List Rank

5

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

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	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

<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	50
Toxics	0	25	50	50
			Subtotal	300

State Planning Commission	50.00000
Population	1.35000
TOTAL POINTS	651.35000

Project Name, Number

PASSAIC VALLEY SEWERAGE COMMISSIONERS
340689-03
STP IMPROVEMENTS

Priority List Rank

6

County

ESSEX

Existing Population

1,350,000

Service Area

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

Need for Project

Seven communities served by PVSC have combined sewer systems. The communities with combined systems include: The Cities of Newark, Paterson, Bayonne and Jersey City, the towns of Harrison and Kearney, and the Borough of East Newark. During wet weather events more than 300mgd of combined flows are directed to the Passaic River and Newark Bay without treatment due to the limited treatment capacity at the PVSC facility. 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 : SPARTA TOWNSHIP

Project No. : 340495-03

Eligible Project Cost: \$ 2,853,484

FY04 Rank : 7

Total State Amount : \$ 2,853,484

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	200
Shellfish	125	0
Recreation(Primary Contact)	125	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

<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	50
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100

State Planning Commission0.00000

Population0.01432

TOTAL POINTS650.01432

Project Name, Number

SPARTA TOWNSHIP

340495-03

STP UPGRADES, ON-SITE REHABILITATION

Priority List Rank

7

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 : JEFFERSON TOWNSHIP

Project No. : 340747-05

Eligible Project Cost: \$ 19,158,252

FY04 Rank : 8

Total State Amount : \$ 19,158,252

County : MORRIS

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.00869

TOTAL POINTS675.00869

Project Name, Number

JEFFERSON TOWNSHIP
340747-05
COLLECTION SYSTEM/INDIVIDUAL SYSTEMS

Priority List Rank

8

County

MORRIS

Existing Population

8,690

Service Area

Jefferson Township (Musconetcong River Basin)

Need for Project

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

Sewage Treatment Plant (STP) Name (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 : NEWARK CITY

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

FY04 Rank : 9

County : ESSEXTotal State Amount : \$ 46,893,423

I. APPROVED WATERSHED PLAN

Possible Points

Points Scored

200

0

II. PROJECT DISCHARGE TYPE

Possible Points

Points Scored

CSO Abatement

250

250

I/I Correction-Overflow

250

0

Treatment Plant Improvements

150

0

Sludge Disposal/Treatment

100

0

Corrective Systems

50

0

I/I Correction

50

0

Stormwater/NPS Management

50-100

0

Subtotal

250

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

Meets Standards

Marginally Meets Standards

Does Not Meet Standards

Points Scored

Parameter

Dissolved Oxygen

0

50

100

50

Fecal Coliform

0

50

100

100

Nutrients

0

25

50

0

Toxics

0

25

50

50

Subtotal

200

State Planning Commission

50.00000

Population

0.31633

TOTAL POINTS

650.31633

Project Name, Number

NEWARK CITY
340815-05
CSO ABATEMENT

Priority List Rank

9

County

ESSEX

Existing Population

316,330

Service Area

City of Newark

Need for Project

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

Project Description

This project consists of the construction of combined sewer overflow control facilities and may include one or more of the following activities: regulator modifications, screening and netting technologies and flow containment.

Anticipated Recipient : LOWER TOWNSHIP MUA

Project No. : 340810-03Eligible Project Cost: \$ 3,135,057

FY04 Rank : 10

County : CAPE MAYTotal State Amount : \$ 3,135,057

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.01953
TOTAL POINTS	625.01953

Project Name, Number

LOWER TOWNSHIP MUA
340810-03
STP IMPROVEMENTS

Priority List Rank

10

County

CAPE MAY

Existing Population

19,530

Service Area

Lower Township

Need for Project

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

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

Project Description

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

Anticipated Recipient : WARREN TOWNSHIP SA

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

FY04 Rank : 11

County : SOMERSETTotal State Amount : \$ 3,997,392

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.00187

TOTAL POINTS625.00187

Project Name, Number

WARREN TOWNSHIP SA
340964-01
STP UPGRADES

Priority List Rank

11

County

SOMERSET

Existing Population

1,870

Service Area

Warren Township

Need for Project

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

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

Project Description

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

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

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	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

<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	250

State Planning Commission	50.00000
Population	1.35000
TOTAL POINTS	601.35000

Project Name, Number

PASSAIC VALLEY SEWERAGE COMMISSIONERS
340689-01
STP IMPROVEMENTS

Priority List Rank

12

County

ESSEX

Existing Population

1,350,000

Service Area

Parts of Bergen, Essex, Hudson and Passaic Counties

Need for Project

The Passaic Valley Sewerage Commissioners are investigating improvements to their STP, NJPDES No. NJ0021016. Its existing treatment system provides secondary treatment via a Pure Oxygen Activated Sludge process. The PVSC have signed a consent order to implement improvements at its STP. The existing discharge is to the Newark Bay near Delancey Street, which adversely impacts shellfish and industrial water uses. Water quality does not meet standards for dissolved oxygen, fecal coliform, nutrients and toxics.

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

Project Description

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

Anticipated Recipient : MIDDLESEX COUNTY UA

Project No. : 340699-03Eligible Project Cost: \$ 363,247,172

FY04 Rank : 13

County : MIDDLESEXTotal State Amount : \$ 363,247,172

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
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>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200

State Planning Commission	0.00000
Population	0.49657
TOTAL POINTS	600.49657

Project Name, Number

MIDDLESEX COUNTY UA
340699-03
OUTFALL CONSTRUCTION

Priority List Rank

13

County

MIDDLESEX

Existing Population

496,570

Service Area

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

Need for Project

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

Project Description

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

Anticipated Recipient : CAMDEN CITY

Project No. : 340366-06Eligible Project Cost: \$ 58,648,610

FY04 Rank : 14

County : CAMDENTotal State Amount : \$ 58,648,610

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission50.00000

Population0.07990

TOTAL POINTS625.07990

Project Name, Number

CAMDEN CITY
340366-06
CSO ABATEMENT

Priority List Rank

14

County

CAMDEN

Existing Population

79,904

Service Area

City of Camden

Need for Project

The proposed project is needed for compliance with the requirements of the CSO General Permit. The General Permit requires removal of solids/floatables greater than ½" in size.

Project Description

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

Anticipated Recipient : POMPTON LAKES BOROUGH MUA

Project No. : 340636-04Eligible Project Cost: \$ 1,232,571

FY04 Rank : 15

County : PASSAICTotal State Amount : \$ 1,232,571

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.01054

TOTAL POINTS575.01054

Project Name, Number

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

Priority List Rank

15

County

PASSAIC

Existing Population

10,539

Service Area

Pompton Lakes Borough

Need for Project

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

Project Description

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

Anticipated Recipient : ORADELL BOROUGH

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

FY04 Rank : 16

County : BERGENTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.00847

TOTAL POINTS600.00847

Project Name, Number

ORADELL BOROUGH

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.

Priority List Rank

16

Anticipated Recipient : PENNSAUKEN TOWNSHIP

Project No. : 340349-03

Eligible Project Cost: \$ 5,308,104

FY04 Rank : 17

Total State Amount : \$ 5,308,104

County : CAMDEN

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

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

III. WATER USE/WATER QUALITY POINTS

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

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

State Planning Commission	0.00000
Population	0.03474
TOTAL POINTS	575.03474

Project Name, Number

PENNSAUKEN TOWNSHIP
340349-03
CSO ABATEMENT

Priority List Rank

17

County

CAMDEN

Existing Population

34,740

Service Area

Township of Pennsauken

Need for Project

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

Project Description

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

Anticipated Recipient : MEDFORD LAKES BOROUGH

Project No. : 340463-06Eligible Project Cost: \$ 4,135,382

FY04 Rank : 18

County : BURLINGTONTotal State Amount : \$ 4,135,382

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.00500

TOTAL POINTS550.00500

Project Name, Number

MEDFORD LAKES BOROUGH
340463-06
STP UPGRADE

Priority List Rank

18

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 : BERGEN COUNTY UA

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

FY04 Rank : 19

County : BERGENTotal State Amount : \$ 16,647,447

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
Dissolved Oxygen	0	50	100	100
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	250

State Planning Commission	0.00000
Population	0.49114
TOTAL POINTS	550.49114

Project Name, Number

BERGEN COUNTY UA
340768-03
CSO ABATEMENT

Priority List Rank

19

County

BERGEN

Existing Population

491,140

Service Area

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

Need for Project

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

Project Description

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

Anticipated Recipient : JERSEY CITY MUA

Project No. : 340928-03

Eligible Project Cost: \$ 47,046,859

FY04 Rank : 20

Total State Amount : \$ 47,046,859

County : HUDSON

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission50.00000

Population0.24006

TOTAL POINTS550.24006

Project Name, Number

JERSEY CITY MUA
340928-03
CSO ABATEMENT

Priority List Rank

20

County

HUDSON

Existing Population

240,055

Service Area

Jersey City, Kearny, Secaucus

Need for Project

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

Project Description

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

Anticipated Recipient : RIDGEFIELD PARK VILLAGE

Project No. : 340688-04Eligible Project Cost: \$ 16,713,680

FY04 Rank : 21

County : BERGENTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.01287

TOTAL POINTS550.01287

Project Name, Number

RIDGEFIELD PARK VILLAGE
340688-04
CSO ABATEMENT

Priority List Rank

21

County

BERGEN

Existing Population

12,873

Service Area

Village of Ridgefield Park

Need for Project

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

Project Description

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

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

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

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

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	125
Freshwater Fisheries(Trout/NonTrout)	75/25	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	0
	Subtotal	225

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

State Planning Commission	0.00000
Population	0.00489
TOTAL POINTS	525.00489

Project Name, Number

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

Priority List Rank

22

County

WARREN

Existing Population

4,890

Service Area

Blairstown Township

Need for Project

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

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

Project Description

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

Anticipated Recipient	:	RIVERTON BOROUGH			
Project No.	:	340275-01	Eligible Project Cost:	\$	914,970
FY04 Rank	:	23			
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
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

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

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

State Planning Commission	0.00000
Population	0.00278
TOTAL POINTS	500.00278

Project Name, Number

RIVERTON BOROUGH
340275-01
STP IMPROVEMENTS

Priority List Rank

23

County

BURLINGTON

Existing Population

2,775

Service Area

Riverton Borough

Need for Project

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

Sewage Treatment Plant (STP) Name (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 : MIDDLESEX COUNTY UA

Project No. : 340699-05Eligible Project Cost: \$ 224,459,094

FY04 Rank : 24

County : MIDDLESEXTotal State Amount : \$ 224,459,094

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
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>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	0
Toxics	0	25	50	50
			Subtotal	200

State Planning Commission	0.00000
Population	0.69438
TOTAL POINTS	500.69438

Project Name, Number

MIDDLESEX COUNTY UA
340699-05
STP UPGRADE

Priority List Rank

24

County

MIDDLESEX

Existing Population

694,380

Service Area

Most of Middlesex County and parts of Somerset and Union Counties

Need for Project

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

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

Project Description

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

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

Anticipated Recipient : HUDSON COUNTY UA (HOBOKEN)

Project No. : 340399-09

Eligible Project Cost: \$ 14,038,507

FY04 Rank : 25

County : HUDSON

Total State Amount : \$ 14,038,507

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.19444

TOTAL POINTS500.19444

Project Name, Number

HUDSON COUNTY UA (HOBOKEN)
340399-09
CSO ABATEMENT

Priority List Rank

25

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 : NORTH HUDSON SA

Project No. : 340952-03

Eligible Project Cost: \$ 3,818,954

FY04 Rank : 26

County : HUDSON

Total State Amount : \$ 3,818,954

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.14192

TOTAL POINTS500.14192

Project Name, Number

NORTH HUDSON SA
340952-03
CSO ABATEMENT

Priority List Rank

26

County

HUDSON

Existing Population

141,919

Service Area

City of Hoboken and Township of Weehawken

Need for Project

The proposed project is to remove a CSO outfall to eliminate raw sewage discharges to the Hudson River.

Project Description

The proposed project includes upgrades to an existing combined sewage pump station, outfall, and force main to eliminate an existing CSO outfall.

Anticipated Recipient : LINDEN-ROSELLE SA

Project No. : 340299-04Eligible Project Cost: \$ 12,027,071

FY04 Rank : 27

County : UNIONTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	250

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.10070

TOTAL POINTS500.10070

Project Name, Number

LINDEN-ROSELLE SA
340299-04
I/I CORRECTION - OVERFLOW

Priority List Rank

27

County

UNION

Existing Population

100,700

Service Area

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

Need for Project

The Authority is required to complete a rehabilitation program to eliminate discharge points 003 and 004, and a sewer separation program to eliminate discharge points 001 and 002 as per the Part 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 : BAYONNE MUA

Project No. : 340399-26

Eligible Project Cost: \$ 73,637,105

FY04 Rank : 28

County : HUDSON

Total State Amount : \$ 73,637,105

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.06184

TOTAL POINTS500.06184

Project Name, Number

BAYONNE MUA
340399-26
CSO ABATEMENT

Priority List Rank

28

County

HUDSON

Existing Population

61,842

Service Area

City of Bayonne

Need for Project

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

Project Description

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

Anticipated Recipient : KEARNY TOWN

Project No. : 340259-02Eligible Project Cost: \$ 3,997,392

FY04 Rank : 29

County : HUDSONTotal State Amount : \$ 3,997,392

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.03487

TOTAL POINTS500.03487

Project Name, Number

KEARNY TOWN
340259-02
CSO ABATEMENT

Priority List Rank

29

County

HUDSON

Existing Population

34,874

Service Area

Uplands area of the Town of Kearny

Need for Project

The proposed project is needed for compliance with the requirements of the CSO General Permit. The General Permit requires removal of solids/floatables greater than ½" in size.

Project Description

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

Anticipated Recipient	:	RIDGEWOOD VILLAGE			
Project No.	:	340639-05	Eligible Project Cost:	\$	2,075,987
FY04 Rank	:	30			
County	:	BERGEN	Total State Amount	:	\$ 2,075,987

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.02486
TOTAL POINTS	500.02486

Project Name, Number

Priority List Rank

RIDGEWOOD VILLAGE

30

340639-05

I/I CORRECTION - OVERFLOW

County

BERGEN

Existing Population

24,860

Service Area

Village of Ridgewood

Need for Project

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

Project Description

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

Anticipated Recipient : JEFFERSON TOWNSHIP

Project No. : 340747-02

Eligible Project Cost: \$ 1,952,637

FY04 Rank : 31

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
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	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

<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	50
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	125

State Planning Commission	0.00000
Population	0.01671
TOTAL POINTS	475.01671

Project Name, Number

JEFFERSON TOWNSHIP

340747-02

PUMP STATION, FORCE MAIN, COLLECTION SYSTEM

Priority List Rank

31

County

MORRIS

Existing Population

16,710

Service Area

Jefferson Township

Need for Project

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

Sewage Treatment Plant (STP) Name (NJPDDES #)	Flow (mgd)		Effluent			
	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	:	GUTTENBERG TOWN			
Project No.	:	340854-02	Eligible Project Cost:	\$	376,252
FY04 Rank	:	32			
County	:	HUDSON	Total State Amount	:	\$ 376,252

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	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

GUTTENBERG TOWN
340854-02
CSO ABATEMENT

Priority List Rank

32

County

HUDSON

Existing Population

8,268

Service Area

Guttenberg

Need for Project

The combined sewer overflow in the planning area discharges to the Hudson River. The designated water uses for the Hudson River include secondary contact recreation, propagation and maintenance of fish and wildlife populations, the migration of anadromous fish, industrial water supply and other reasonable uses. The water quality has been defined as poor due to the presence of high concentrations of indicator organisms such as fecal coliforms and toxic substances, and the observation of depressed levels of dissolved oxygen.

Project Description

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

Anticipated Recipient : WRIGHTSTOWN (WRIGHTSTOWN MUA)

Project No. : 340925-01

Eligible Project Cost: \$ 3,866,213

FY04 Rank : 33

County : BURLINGTON

Total State Amount : \$ 3,866,213

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.00315

TOTAL POINTS475.00315

Project Name, Number

WRIGHTSTOWN (WRIGHTSTOWN MUA)
340925-01
STP UPGRADE

Priority List Rank

33

County

BURLINGTON

Existing Population

3,150

Service Area

Wrightstown

Need for Project

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

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

Project Description

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

Anticipated Recipient : BERGEN COUNTY UA

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

FY04 Rank : 34

County : BERGENTotal 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
Treatment Plant Improvements	150	150
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	150

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.49114

TOTAL POINTS450.49114

Project Name, Number

BERGEN COUNTY UA
340386-04
STP IMPROVEMENTS

Priority List Rank

34

County

BERGEN

Existing Population

491,140

Service Area

The BCUA currently serves 46 municipalities.

Need for Project

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

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

Project Description

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

Anticipated Recipient : NORTH BERGEN MUA

Project No. : 340399-20

Eligible Project Cost: \$ 38,083,680

FY04 Rank : 35

County : HUDSON

Total State Amount : \$ 38,083,680

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.04600

TOTAL POINTS450.04600

Project Name, Number

NORTH BERGEN MUA
340399-20
STP UPGRADE

Priority List Rank

35

County

HUDSON

Existing Population

46,000

Service Area

North Bergen

Need for Project

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

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

Project Description

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

Anticipated Recipient : SUSSEX COUNTY MUA (POCHUCK)

Project No. : 340503-03

Eligible Project Cost: \$ 10,967,931

FY04 Rank : 36

County : SUSSEX

Total State Amount : \$ 10,967,931

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.01193

TOTAL POINTS475.01193

Project Name, Number

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

Priority List Rank

36

County

SUSSEX

Existing Population

11,930

Service Area

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

Need for Project

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

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

Project Description

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

Anticipated Recipient : HAMILTON TOWNSHIP

Project No. : 340898-01

Eligible Project Cost: \$ 10,686,034

FY04 Rank : 37

Total State Amount : \$ 10,686,034

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	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

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	50
Fecal Coliform	0	50	100	100
Nutrients	0	25	50	50
Toxics	0	25	50	0
			Subtotal	200

State Planning Commission	0.00000
Population	0.09542
TOTAL POINTS	425.09542

Project Name, Number

HAMILTON TOWNSHIP
340898-01
STP IMPROVEMENTS

Priority List Rank

37

County

MERCER

Existing Population

95,420

Service Area

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

Need for Project

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

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

Project Description

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

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

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
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>				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	0.16367
TOTAL POINTS	400.16367

Project Name, Number

ATLANTIC COUNTY UA
340809-08
STP IMPROVEMENTS

Priority List Rank

38

County

ATLANTIC

Existing Population

163,667

Service Area

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

Need for Project

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

Project Description

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

Anticipated Recipient : NEPTUNE TOWNSHIP SA

Project No. : 340410-05Eligible Project Cost: \$ 10,684,529

FY04 Rank : 39

County : MONMOUTHTotal State Amount : \$ 10,684,529

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.03473

TOTAL POINTS400.03473

Project Name, Number

NEPTUNE TOWNSHIP SA
340410-05
STP UPGRADE

Priority List Rank

39

County

MONMOUTH

Existing Population

34,727

Service Area

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

Need for Project

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

Project Description

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

Anticipated Recipient : EVESHAM MUA (WOODSTREAM)

Project No. : 340463-05

Eligible Project Cost: \$ 7,132,162

FY04 Rank : 40

County : BURLINGTON

Total State Amount : \$ 7,132,162

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.02867

TOTAL POINTS400.02867

Project Name, Number

EVESHAM MUA (WOODSTREAM)
340463-05
STP, INTERCEPTOR

Priority List Rank

40

County

BURLINGTON

Existing Population

28,670

Service Area

Evesham Township (Woodstream)

Need for Project

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

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

Project Description

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

Anticipated Recipient : SUSSEX COUNTY MUA

Project No. : 340941-01

Eligible Project Cost: \$ 8,234,403

FY04 Rank : 41

County : SUSSEX

Total State Amount : \$ 8,234,403

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

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

III. WATER USE/WATER QUALITY POINTS

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

<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	100
Nutrients	0	25	50	25
Toxics	0	25	50	0
			Subtotal	125

State Planning Commission0.00000

Population0.02037

TOTAL POINTS400.02037

Project Name, Number

SUSSEX COUNTY MUA
340941-01
COLLECTION SYSTEM

Priority List Rank

41

County

SUSSEX

Existing Population

20,370

Service Area

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

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	:	ATLANTIC COUNTY UA			
Project No.	:	340809-09	Eligible Project Cost:	\$	2,718,518
FY04 Rank	:	42			
County	:	ATLANTIC	Total State Amount	:	\$ 2,718,518

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	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	0
	Subtotal	125

<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	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	100

State Planning Commission	0.00000
Population	0.16367
TOTAL POINTS	375.16367

Project Name, Number

ATLANTIC COUNTY UA
340809-09
STP IMPROVEMENTS

Priority List Rank

42

County

ATLANTIC

Existing Population

163,667

Service Area

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

Need for Project

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

Project Description

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

Anticipated Recipient : ROCKAWAY VALLEY RSA

Project No. : 340821-04Eligible Project Cost: \$ 9,782,685

FY04 Rank : 43

County : MORRISTotal State Amount : \$ 9,782,685

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

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

III. WATER USE/WATER QUALITY POINTS

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	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.12063
TOTAL POINTS	400.12063

Project Name, Number

ROCKAWAY VALLEY RSA
340821-04
STP

Priority List Rank

43

County

MORRIS

Existing Population

120,630

Service Area

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

Need for Project

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

Project Description

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

Anticipated Recipient : PENNSVILLE SA

Project No. : 340870-02

Eligible Project Cost: \$ 7,211,095

FY04 Rank : 44

Total State Amount : \$ 7,211,095

County : SALEM

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.01500

TOTAL POINTS375.01500

Project Name, Number

PENNSVILLE SA
340870-02
STP UPGRADE, COLLECTION SYSTEM

Priority List Rank

44

County

SALEM

Existing Population

15,000

Service Area

Pennsville Township

Need for Project

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

Project Description

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

Anticipated Recipient : GLOUCESTER CO UA (GIBBSTOWN)

Project No. : 340526-06

Eligible Project Cost: \$ 2,294,564

FY04 Rank : 45

County : GLOUCESTER

Total State Amount : \$ 2,294,564

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.00531

TOTAL POINTS375.00531

Project Name, Number

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

Priority List Rank

45

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			
			Reported BOD		Reported SS	
	Design	Present	%	mg/l	%	mg/l
Gibbstown(Secondary)(NJ0030333)	1.0	0.77	92.2	19.8	89	25.7

Project Description

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

Anticipated Recipient : DELAWARE TOWNSHIP MUA

Project No. : 340917-01

Eligible Project Cost: \$ 1,522,661

FY04 Rank : 46

County : HUNTERDON

Total State Amount : \$ 1,522,661

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

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

III. WATER USE/WATER QUALITY POINTS

<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	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	0
	Subtotal	100

<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	100
Nutrients	0	25	50	0
Toxics	0	25	50	25
			Subtotal	125

State Planning Commission0.00000

Population0.00100

TOTAL POINTS375.00100

Project Name, Number

DELAWARE TOWNSHIP MUA
340917-01
STP IMPROVEMENTS

Priority List Rank

46

County

HUNTERDON

Existing Population

1,000

Service Area

Seargentsville (including light business district)

Need for Project

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

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

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

Project Description

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

Anticipated Recipient	:	JEFFERSON TOWNSHIP (ROCKAWAY)			
Project No.	:	340747-04	Eligible Project Cost:	\$	6,526,216
FY04 Rank	:	47			
County	:	MORRIS	Total State Amount	:	\$ 6,526,216

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	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

<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	50
Nutrients	0	25	50	50
Toxics	0	25	50	25
			Subtotal	125

State Planning Commission	0.00000
Population	0.00787
TOTAL POINTS	375.00787

Project Name, Number

JEFFERSON TOWNSHIP (ROCKAWAY)
340747-04
COLLECTION SYSTEM

Priority List Rank

47

County

MORRIS

Existing Population

7,870

Service Area

Jefferson Township (Rockaway River Basin)

Need for Project

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

Project Description

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

Anticipated Recipient : HOWELL TWP MUA

Project No. : 340832-01

Eligible Project Cost: \$ 5,877,522

FY04 Rank : 48

Total State Amount : \$ 5,877,522

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	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

<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	50
Nutrients	0	25	50	25
Toxics	0	25	50	25
			Subtotal	100

State Planning Commission	0.00000
Population	0.00192
TOTAL POINTS	375.00192

Project Name, Number

HOWELL TWP MUA
340832-01
COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

48

County

MONMOUTH

Existing Population

1,920

Service Area

Howell Township

Need for Project

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

Project Description

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

Anticipated Recipient : LONG BRANCH SA

Project No. : 340336-03

Eligible Project Cost: \$ 1,553,702

FY04 Rank : 49

Total State Amount : \$ 1,553,702

County : MONMOUTH

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	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>	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	25
Toxics	0	25	50	0
			Subtotal	25

State Planning Commission25.00000

Population0.03000

TOTAL POINTS350.03000

Project Name, Number

LONG BRANCH SA
340336-03
CONVEYANCE FACILITIES, GRIT HANDLING

Priority List Rank

49

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

Project Description

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

Anticipated Recipient	:	MANSFIELD TOWNSHIP			
Project No.	:	340935-01	Eligible Project Cost:	\$	1,396,910
FY04 Rank	:	50			
County	:	WARREN	Total State Amount	:	\$ 1,396,910

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

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

III. WATER USE/WATER QUALITY POINTS

<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	75
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	25
Industrial Water Use	25	0
	Subtotal	100

<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	50
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	50

State Planning Commission	0.00000
Population	0.00100
TOTAL POINTS	350.00100

Project Name, Number

MANSFIELD TOWNSHIP
340935-01
STP IMPROVEMENTS

Priority List Rank

50

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 : GLOUCESTER CITY

Project No. : 340958-05

Eligible Project Cost: \$ 243,047

FY04 Rank : 51

County : CAMDEN

Total State Amount : \$ 243,047

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

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

III. WATER USE/WATER QUALITY POINTS

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

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

State Planning Commission	15.00000
Population	0.01148
TOTAL POINTS	315.01148

Project Name, Number

GLOUCESTER CITY
340958-05
CSO ABATEMENT

Priority List Rank

51

County

CAMDEN

Existing Population

11,484

Service Area

Gloucester City

Need for Project

The proposed project is needed for compliance with the requirements of the CSO General Permit. The General Permit requires removal of solids/floatables greater than ½" in size.

Project Description

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

Anticipated Recipient : WANAQUE VALLEY RSA

Project No. : 340780-03Eligible Project Cost: \$ 2,718,518

FY04 Rank : 52

County : PASSAICTotal State Amount : \$ 2,718,518

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.00971

TOTAL POINTS275.00971

Project Name, Number

WANAQUE VALLEY RSA
340780-03
STP IMPROVEMENTS

Priority List Rank

52

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

Project Description

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

Anticipated Recipient : WARREN COUNTY (PEQUEST RIVER) MUA

Project No. : 340454-04Eligible Project Cost: \$ 6,614,815

FY04 Rank : 53

County : WARRENTotal State Amount : \$ 6,614,815

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.00320
TOTAL POINTS	300.00320

Project Name, Number

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

Priority List Rank

53

County

WARREN

Existing Population

3,200

Service Area

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

Need for Project

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

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

Project Description

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

Anticipated Recipient : BUENA BOROUGH MUA

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

FY04 Rank : 54

County : ATLANTICTotal State Amount : \$ 2,049,114

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.00370

TOTAL POINTS250.00370

Project Name, Number

BUENA BOROUGH MUA
340518-04
PUMP STATION, FORCE MAIN

Priority List Rank

54

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 : EDGEWATER MUA

Project No. : 340446-08

Eligible Project Cost: \$ 7,234,505

FY04 Rank : 55

Total State Amount : \$ 7,234,505

County : BERGEN

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

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

III. WATER USE/WATER QUALITY POINTS

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

State Planning Commission	0.00000
Population	0.00768
TOTAL POINTS	250.00768

Project Name, Number

EDGEWATER MUA
340446-08
CSO ABATEMENT

Priority List Rank

55

County

BERGEN

Existing Population

7,677

Service Area

Edgewater Borough

Need for Project

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

Project Description

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

Anticipated Recipient : WYCKOFF TOWNSHIP

Project No. : 340738-03

Eligible Project Cost: \$ 14,494,384

FY04 Rank : 56

County : BERGEN

Total State Amount : \$ 14,494,384

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Parameter				
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 Commission0.00000

Population0.00190

TOTAL POINTS250.00190

Project Name, Number

WYCKOFF TOWNSHIP
340738-03
COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

56

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 : ROXBURY TOWNSHIP

Project No. : 340381-06

Eligible Project Cost: \$ 1,396,910

FY04 Rank : 57

County : MORRIS

Total State Amount : \$ 1,396,910

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	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	0
Industrial Water Use	25	0
	Subtotal	75

<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 Commission0.00000

Population0.02388

TOTAL POINTS225.02388

Project Name, Number

ROXBURY TOWNSHIP
340381-06
STP DECOMMISSION

Priority List Rank

57

County

MORRIS

Existing Population

23,883

Service Area

Roxbury Township and portions of Mine Hill, Mount Arlington and Randolph

Need for Project

The proposed project will eliminate the discharge of treated effluent from an 80,000 GPD treatment plant to a tributary of Drake's Brook, a Category 1 stream.

Project Description

The proposed project includes construction of a wastewater pumping station on the site of the existing Skyview WWTP, decommissioning and abandonment of the treatment plant, and construction of approximately 7500 feet of 6" force main to connect the pumping station to the collection system for the Township's Ajax Terrace WWTP.

Anticipated Recipient : LANDIS SA

Project No. : 340461-05Eligible Project Cost: \$ 3,603,428

FY04 Rank : 58

County : CUMBERLANDTotal State Amount : \$ 3,603,428

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	25.00000
Population	0.05478
TOTAL POINTS	175.05478

Project Name, Number

LANDIS SA
340461-05
STP INFLUENT PS, GRIT CHAMBER

Priority List Rank

58

County

CUMBERLAND

Existing Population

54,780

Service Area

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

Need for Project

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

Project Description

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

Anticipated Recipient	:	NORTH BERGEN TOWNSHIP/HUDSON CO UA			
Project No.	:	340652-01	Eligible Project Cost:	\$	3,997,392
FY04 Rank	:	59			
County	:	HUDSON	Total State Amount	:	\$ 3,997,392

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

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

III. WATER USE/WATER QUALITY POINTS

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

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

State Planning Commission	0.00000
Population	0.01166
TOTAL POINTS	200.01166

Project Name, Number

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

Priority List Rank

59

County

HUDSON

Existing Population

11,660

Service Area

Portions of North Bergen (Area III)

Need for Project

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

Project Description

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

Anticipated Recipient : MANSFIELD TOWNSHIP

Project No. : 340935-02Eligible Project Cost: \$ 147,540

FY04 Rank : 60

County : WARRENTotal State Amount : \$ 147,540

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.00100
TOTAL POINTS	200.00100

Project Name, Number

MANSFIELD TOWNSHIP
340935-02
I/I CORRECTION

Priority List Rank

60

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 : PASSAIC VALLEY SC

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

FY04 Rank : 61

County : ESSEXTotal State Amount : \$ 132,505,940

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	50.00000
Population	1.35000
TOTAL POINTS	151.35000

Project Name, Number

PASSAIC VALLEY SC
340683-05
SLUDGE TREATMENT & DISPOSAL

Priority List Rank

61

County

ESSEX

Existing Population

1,350,000

Service Area

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

Need for Project

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

Project Description

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

Anticipated Recipient	:	PASSAIC VALLEY SEWERAGE COMMISSIONERS		
Project No.	:	340689-06	Eligible Project Cost:	\$ 63,223,700
FY04 Rank	:	61		
County	:	ESSEX	Total State Amount	: \$ 63,223,700

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

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

III. WATER USE/WATER QUALITY POINTS

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

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

State Planning Commission	50.00000
Population	1.35000
TOTAL POINTS	151.35000

Project Name, Number

PASSAIC VALLEY SEWERAGE COMMISSIONERS
340689-06
SLUDGE MANAGEMENT

Priority List Rank

61

County

ESSEX

Existing Population

1,350,000

Service Area

Parts of Bergen, Essex, Hudson and Passaic Counties

Need for Project

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

Project Description

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

Anticipated Recipient : RAHWAY VALLEY SA

Project No. : 340547-10Eligible Project Cost: \$ 96,312,352

FY04 Rank : 63

County : UNIONTotal State Amount : \$ 96,312,352

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.25000
TOTAL POINTS	150.25000

Project Name, Number

RAHWAY VALLEY SA
340547-10
STP IMPROVEMENTS

Priority List Rank

63

County

UNION

Existing Population

250,000

Service Area

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

Need for Project

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

Project Description

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

Anticipated Recipient : HUDSON COUNTY UA (AREA I)

Project No. : 340900-01Eligible Project Cost: \$ 26,962,839

FY04 Rank : 64

County : HUDSONTotal State Amount : \$ 26,962,839

<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	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission50.00000

Population0.21858

TOTAL POINTS150.21858

Project Name, Number

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

Priority List Rank

64

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. : 340366-02Eligible Project Cost: \$ 667,397

FY04 Rank : 65

County : CAMDENTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

<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	50.00000
Population	0.08700
TOTAL POINTS	150.08700

Project Name, Number

CAMDEN CITY
340366-02
SLUDGE MANAGEMENT

Priority List Rank

65

County

CAMDEN

Existing Population

87,000

Service Area

City of Camden

Need for Project

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

Project Description

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

Anticipated Recipient : SALEM COUNTY BOARD OF FREEHOLDERS

Project No. : 340804-04Eligible Project Cost: \$ 18,263,633

FY04 Rank : 66

County : SALEMTotal State Amount : \$ 18,263,633

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.01829

TOTAL POINTS150.01829

Project Name, Number

SALEM COUNTY BOARD OF FREEHOLDERS
340804-04
STP

Priority List Rank

66

County

SALEM

Existing Population

18,291

Service Area

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

Need for Project

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

Project Description

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

Anticipated Recipient : HACKETTSTOWN MUA

Project No. : 340803-04

Eligible Project Cost: \$ 1,411,500

FY04 Rank : 67

Total State Amount : \$ 1,411,500

County : WARREN

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/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	0.01040
TOTAL POINTS	150.01040

Project Name, Number

HACKETTSTOWN MUA
340803-04
TREATMENT PLANT ABANDONMENT

Priority List Rank

67

County

WARREN

Existing Population

10,403

Service Area

Hackettstown Town, Independence Township

Need for Project

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

Project Description

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

Anticipated Recipient : LONG BRANCH SA

Project No. : 340820-03Eligible Project Cost: \$ 3,766,422

FY04 Rank : 68

County : MONMOUTHTotal State Amount : \$ 3,766,422

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

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

III. WATER USE/WATER QUALITY POINTS

<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	25.00000
Population	0.03006
TOTAL POINTS	125.03006

Project Name, Number

LONG BRANCH SA
340820-03
SLUDGE TREATMENT & DISPOSAL

Priority List Rank

68

County

MONMOUTH

Existing Population

30,060

Service Area

City of Long Branch, West Long Branch (portion)

Need for Project

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

Project Description

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

Anticipated Recipient : PRINCETON TOWNSHIP

Project No. : 343008-01Eligible Project Cost: \$ 4,653,327

FY04 Rank : 69

County : MERCERTotal State Amount : \$ 4,653,327

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission25.00000

Population0.01320

TOTAL POINTS125.01320

Project Name, Number

PRINCETON TOWNSHIP
343008-01
LAND ACQUISITION

Priority List Rank

69

County

MERCER

Existing Population

13,198

Service Area

Township of Princeton

Need for Project

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

Project Description

The proposed project includes the purchase of the R.W. Johnson and Gulick properties to preserve open space and to protect water quality.

Anticipated Recipient : WILDWOOD CREST BOROUGH

Project No. : 343041-01Eligible Project Cost: \$ 3,997,392

FY04 Rank : 70

County : CAPE MAYTotal State Amount : \$ 3,997,392

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	25.00000
Population	0.00398
TOTAL POINTS	125.00398

Project Name, Number

WILDWOOD CREST BOROUGH
343041-01
LAND ACQUISITION

Priority List Rank

70

County

CAPE MAY

Existing Population

3,980

Service Area

Borough of Wildwood Crest

Need for Project

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

Project Description

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

Anticipated Recipient : ALLOWAY TOWNSHIP/QUINTON TOWNSHIP

Project No. : 340965-01

Eligible Project Cost: \$ 9,963,124

FY04 Rank : 71

County : SALEM

Total State Amount : \$ 9,963,124

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

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

III. WATER USE/WATER QUALITY POINTS

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

<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 Commission0.00000

Population0.00310

TOTAL POINTS125.00310

Project Name, Number

ALLOWAY TOWNSHIP/QUINTON TOWNSHIP
340965-01
COLLECTION SYSTEM

Priority List Rank

71

County

SALEM

Existing Population

3,100

Service Area

Sections of both Alloway and Quinton Townships

Need for Project

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

Project Description

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

Anticipated Recipient : STAFFORD TOWNSHIP

Project No. : 340946-02Eligible Project Cost: \$ 7,975,913

FY04 Rank : 72

County : OCEANTotal State Amount : \$ 7,975,913

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission25.00000

Population0.00190

TOTAL POINTS125.00190

Project Name, Number

STAFFORD TOWNSHIP
340946-02
COLLECTION SYSTEM

Priority List Rank

72

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 sewered in the Pinelands Infrastructure Master Plan with an allowable development of approximately 1,800 residential lots.

Project Description

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

Anticipated Recipient : BRIDGEWATER TOWNSHIP

Project No. : 340638-03Eligible Project Cost: \$ 2,273,143

FY04 Rank : 73

County : SOMERSETTotal State Amount : \$ 2,273,143

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	25.00000
Population	0.00133
TOTAL POINTS	125.00133

Project Name, Number

BRIDGEWATER TOWNSHIP
340638-03
COLLECTION SYSTEM

Priority List Rank

73

County

SOMERSET

Existing Population

1,330

Service Area

Bridgewater Township (various portions)

Need for Project

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

Project Description

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

Anticipated Recipient : WEST WILDWOOD BOROUGH

Project No. : 340626-04Eligible Project Cost: \$ 55,180

FY04 Rank : 74

County : CAPE MAYTotal State Amount : \$ 55,180

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission25.000000

Population0.00045

TOTAL POINTS125.00045

Project Name, Number

WEST WILDWOOD BOROUGH
340626-04
COLLECTION SYSTEM

Priority List Rank

74

County

CAPE MAY

Existing Population

453

Service Area

West Wildwood Borough

Need for Project

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

Project Description

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

Anticipated Recipient : RARITAN BOROUGH

Project No. : 340781-03

Eligible Project Cost: \$ 551,932

FY04 Rank : 75

Total State Amount : \$ 551,932

County : SOMERSET

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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>	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 Commission25.00000

Population0.00010

TOTAL POINTS125.00010

Project Name, Number

RARITAN BOROUGH
340781-03
COLLECTION SYSTEM

Priority List Rank

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 : WANAQUE BOROUGH

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

FY04 Rank : 76

County : PASSAICTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	15.00000
Population	0.01058
TOTAL POINTS	115.01058

Project Name, Number

WANAQUE BOROUGH
340434-02
COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

76

County

PASSAIC

Existing Population

10,580

Service Area

Wanaque Borough

Need for Project

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

Project Description

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

Anticipated Recipient : HIGHTSTOWN BOROUGH

Project No. : 340915-02Eligible Project Cost: \$ 804,506

FY04 Rank : 77

County : MERCERTotal State Amount : \$ 804,506

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission15.000000

Population0.00513

TOTAL POINTS115.00513

Project Name, Number

HIGHTSTOWN BOROUGH
340915-02
SLUDGE MANAGEMENT

Priority List Rank

77

County

MERCER

Existing Population

5,130

Service Area

Borough of Hightstown

Need for Project

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

Project Description

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

Major project components include:

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

Anticipated Recipient : CAPE MAY CITY

Project No. : 343045-01

Eligible Project Cost: \$ 5,308,104

FY04 Rank : 78

Total State Amount : \$ 5,308,104

County : CAPE MAY

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

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

III. WATER USE/WATER QUALITY POINTS

<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	15.00000
Population	0.00403
TOTAL POINTS	115.00403

Project Name, Number

CAPE MAY CITY
343045-01
LAND ACQUISITION

Priority List Rank

78

County

CAPE MAY

Existing Population

4,034

Service Area

City of Cape May

Need for Project

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

Project Description

The proposed project includes the purchase of Sewell Point Tract and may include other lands to preserve open space and to protect water quality.

Anticipated Recipient : MENDHAM TOWNSHIP

Project No. : 343031-01

Eligible Project Cost: \$ 5,308,104

FY04 Rank : 79

Total State Amount : \$ 5,308,104

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

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

III. WATER USE/WATER QUALITY POINTS

<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	10.00000
Population	0.00454
TOTAL POINTS	110.00454

Project Name, Number

MENDHAM TOWNSHIP
343031-01
LAND ACQUISITION

Priority List Rank

79

County

MORRIS

Existing Population

4,537

Service Area

Township of Mendham

Need for Project

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

Project Description

The proposed project is for the purchase of the Clyde Potts Reservoir and the surrounding drainage basin to preserve open space and to protect water quality.

Anticipated Recipient : HOPE TOWNSHIP

Project No. : 340872-01

Eligible Project Cost: \$ 508,696

FY04 Rank : 80

Total State Amount : \$ 508,696

County : WARREN

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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>	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 Commission10.00000

Population0.00166

TOTAL POINTS110.00166

Project Name, Number

HOPE TOWNSHIP
340872-01
INTERCEPTOR SEWERS

Priority List Rank

80

County

WARREN

Existing Population

1,660

Service Area

The study area for this project consists of Hope Township within the Pequest Basin.

Need for Project

The majority of the township is currently using cesspools as a means of on-site wastewater disposal. Failures of these systems have created potential health hazards. In the Silver Lake area, the water table is high and wells are shallow. Cesspools and septic systems have been a public nuisance through surface failures and groundwater pollution. The septic malfunctions have been threatening the health and welfare of the local residents. Because of the existing small lot size, soil limitations and lack of adequate planning for runoff management, there is significant potential for future environmental and health problems within the community as well as problems of the degradation of water quality in Silver Lake.

Project Description

This project is still in early stage of planning and proposes small diameter gravity system connected to a community-based leaching field as an alternative solution to malfunctioning septic systems. Also included is a sub-surface drainage system to be installed to collect and divert high, seasonal groundwater and run-off to protect the disposal bed from flooding.

Anticipated Recipient : ESSEX-UNION JOINT MEETING

Project No. : 340686-03Eligible Project Cost: \$ 19,257,315

FY04 Rank : 81

County : UNIONTotal State Amount : \$ 19,257,315

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.60001
TOTAL POINTS	100.60001

Project Name, Number

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

Priority List Rank

81

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. : 340686-04Eligible Project Cost: \$ 11,199,679

FY04 Rank : 81

County : UNIONTotal State Amount : \$ 11,199,679

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.60001
TOTAL POINTS	100.60001

Project Name, Number

ESSEX UNION JOINT MEETING
340686-04
STP IMPROVEMENTS

Priority List Rank

81

County

UNION

Existing Population

600,010

Service Area

16 communities in Essex and Union Counties

Need for Project

JMEUC operates a 75 mgd secondary sewage treatment plant. Due to recent experience with unreliable electric service, which resulted in violations, JMEUC proposes to install an on-site co-generation facility to ensure plant reliability.

Project Description

The proposed project includes installation of a co-generation power plant, which will serve as the primary power source at the JMEUC facilities.

Anticipated Recipient : BERGEN COUNTY UA

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

FY04 Rank : 83

County : BERGENTotal State Amount : \$ 37,834,533

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.49114

TOTAL POINTS100.49114

Project Name, Number

BERGEN COUNTY UA
340687-05
SLUDGE MANAGEMENT

Priority List Rank

83

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. : 340640-06Eligible Project Cost: \$ 86,231,739

FY04 Rank : 84

County : CAMDENTotal State Amount : \$ 86,231,739

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

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

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 Commission0.00000

Population0.48867

TOTAL POINTS100.48867

Project Name, Number

CAMDEN COUNTY MUA
340640-06
SLUDGE MANAGEMENT

Priority List Rank

84

County

CAMDEN

Existing Population

488,670

Service Area

Most of Camden County

Need for Project

Existing sludge and scum treatment facilities are not adequate to handle the entire volumes of sludge and scum generated at CCMUA's STPs. The CCMUA relies on outside entities to manage sludge and scum treatment and disposal. Planning studies conducted by CCMUA recommended the construction of a 100 dry ton/day in-vessel composting facility. However, the project was split in two phases. Phase 1, which will provide sludge treatment facilities to handle 50 dry tons/day, is presently under construction (Project No. S34070805). Phase 2 (to increase capacity to 100 dry tons/day) is included in this project.

Project Description

The proposed project consists of the construction of a second series of Ashbrook-Simon-Hartley tunnel bioreactors which would increase the CCMUA's sludge management capabilities from 50 dry tons/day to 100 dry tons/day. The facilities will also include a process/curing area and a compost storage building. In addition, the project consists of modifications to the CCMUA's 10 dry ton/day incinerator in Gloucester Township to permit it to burn scum resulting from operations at the Delaware No. 1 WPCF.

Anticipated Recipient : BURLINGTON COUNTY BCF

Project No. : 343037-01Eligible Project Cost: \$ 2,093,448

FY04 Rank : 85

County : BURLINGTONTotal State Amount : \$ 2,093,448

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.42339

TOTAL POINTS100.42339

Project Name, Number

BURLINGTON COUNTY BCF
343037-01
LAND ACQUISITION

Priority List Rank

85

County

BURLINGTON

Existing Population

423,394

Service Area

Burlington County

Need for Project

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

Project Description

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

Anticipated Recipient : BURLINGTON COUNTY BOARD OF FREEHOLDERS

Project No. : 340818-04

Eligible Project Cost: \$ 10,144,771

FY04 Rank : 86

County : BURLINGTON

Total State Amount : \$ 10,144,771

<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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

<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	0.38246
TOTAL POINTS	100.38246

Project Name, Number

BURLINGTON COUNTY BOARD OF FREEHOLDERS
340818-04
SLUDGE MANAGEMENT

Priority List Rank

86

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 : MERCER COUNTY

Project No. : 343004-03

Eligible Project Cost: \$ 1,122,734

FY04 Rank : 87

Total State Amount : \$ 1,122,734

County : MERCER

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.35076
TOTAL POINTS	100.35076

Project Name, Number

MERCER COUNTY
343004-03
LAND ACQUISITION

Priority List Rank

87

County

MERCER

Existing Population

350,761

Service Area

County of Mercer

Need for Project

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

Project Description

The proposed project is for the purchase of land adjacent to the Delaware and Raritan Canal, within one mile of both Baldpate Mountain preserve and Mercer County Howell Living History Farm, to preserve open space and to protect water quality.

Anticipated Recipient : HUDSON COUNTY UA

Project No. : 340399-15Eligible Project Cost: \$ 20,024,455

FY04 Rank : 88

County : HUDSONTotal State Amount : \$ 20,024,455

I. APPROVED WATERSHED PLAN

Possible Points

Points Scored

200

0

II. PROJECT DISCHARGE TYPE

Possible Points

Points Scored

CSO Abatement

250

0

I/I Correction-Overflow

250

0

Treatment Plant Improvements

150

0

Sludge Disposal/Treatment

100

100

Corrective Systems

50

0

I/I Correction

50

0

Stormwater/NPS Management

50-100

0

Subtotal

100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

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

0.22135

TOTAL POINTS

100.22135

Project Name, Number

HUDSON COUNTY UA
340399-15
SLUDGE TREATMENT & DISPOSAL

Priority List Rank

88

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	:	ATLANTIC COUNTIES UTILITIES AUTHORITY			
Project No.	:	340809-05	Eligible Project Cost:	\$	2,894,998
FY04 Rank	:	89			
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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

<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	0.16367
TOTAL POINTS	100.16367

Project Name, Number

ATLANTIC COUNTIES UTILITIES AUTHORITY
340809-05
SLUDGE MANAGEMENT

Priority List Rank

89

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. : 340405-04Eligible Project Cost: \$ 19,607,239

FY04 Rank : 89

County : ATLANTICTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.16367

TOTAL POINTS100.16367

Project Name, Number

ATLANTIC COUNTY UA
340405-04
SLUDGE MANAGEMENT

Priority List Rank

89

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 : PATERSON CITY

Project No. : 340850-01

Eligible Project Cost: \$ 28,256,876

FY04 Rank : 91

Total State Amount : \$ 28,256,876

County : PASSAIC

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	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 Commission50.00000

Population0.13945

TOTAL POINTS100.13945

Project Name, Number

PATERSON CITY
340850-01
I/I CORRECTION

Priority List Rank

91

County

PASSAIC

Existing Population

139,450

Service Area

City of Paterson

Need for Project

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

Project Description

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

Anticipated Recipient : SUSSEX COUNTY MUA

Project No. : 342008-01

Eligible Project Cost: \$ 2,451,173

FY04 Rank : 92

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

<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	0.13094
TOTAL POINTS	100.13094

Project Name, Number

SUSSEX COUNTY MUA
342008-01
LANDFILL CLOSURE

Priority List Rank

92

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. : 340821-03Eligible Project Cost: \$ 16,116,128

FY04 Rank : 93

County : MORRISTotal State Amount : \$ 16,116,128

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.12063
TOTAL POINTS	100.12063

Project Name, Number

Priority List Rank

ROCKAWAY VALLEY REG SA

93

340821-03

SLUDGE TREATMENT/DISPOSAL

County

MORRIS

Existing Population

120,630

Service Area

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

Need for Project

Rockaway Valley Regional Sewerage Authority has recently signed a 15 year service contract (5 year breakout option) with Wayne Township for incinerating RVRSA's sludge at Wayne Township's incinerators at the cost of \$45 per 1000 gallons. Prior to this arrangement, the RVRSA was hauling sludge to Kinsley's Landfill in Gloucester County. There appears to be available capacity within the Wayne Township's incinerators which are physically located within 7 miles of RVRSA treatment plant.

Project Description

The RVRSA prepared a facilities plan for sludge disposal. The plan shows that in-vessel composting is cost-effective. However, after recent development of negotiations with Par-Troy and Wayne and subsequent contract with Wayne Township, incinerating at Wayne now appears most cost-effective option available for RVRSA. It was recommended that the RVRSA continue to dispose of its sludge at the Wayne Township's incinerators on a interim basis and pursue long term sludge disposal option. The precise disposal alternative will be determined by the on-going study.

Anticipated Recipient : WARREN COUNTY

Project No. : 343035-01

Eligible Project Cost: \$ 3,185,630

FY04 Rank : 94

County : WARREN

Total State Amount : \$ 3,185,630

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.10244
TOTAL POINTS	100.10244

Project Name, Number

Priority List Rank

WARREN COUNTY

94

343035-01

LAND ACQUISITION

County

WARREN

Existing Population

102,437

Service Area

Warren County

Need for Project

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

Project Description

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

Anticipated Recipient : EDISON TOWNSHIP

Project No. : 343027-02Eligible Project Cost: \$ 55,475,227

FY04 Rank : 95

County : MIDDLESEXTotal State Amount : \$ 55,475,227

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.09769

TOTAL POINTS100.09769

Project Name, Number

EDISON TOWNSHIP
343027-02
LAND ACQUISITION

Priority List Rank

95

County

MIDDLESEX

Existing Population

97,687

Service Area

Township of Edison

Need for Project

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

Project Description

The proposed project is for the purchase of land including the Raritan River Ravine, Silver Lake, Glendale Avenue/Martin's Dock and other lands to preserve open space, to protect water quality and to safeguard wildlife habitats.

Anticipated Recipient	:	CAMDEN CITY			
Project No.	:	340366-03	Eligible Project Cost:	\$	22,131
FY04 Rank	:	96			
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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

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

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

State Planning Commission	50.00000
Population	0.08700
TOTAL POINTS	100.08700

Project Name, Number

CAMDEN CITY
340366-03
PS REHABILITATION

Priority List Rank

96

County

CAMDEN

Existing Population

87,000

Service Area

City of Camden

Need for Project

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

Project Description

The proposed project consists of the purchase and installation of the necessary equipment to replace the existing lift station.

Anticipated Recipient : TRENTON CITY

Project No. : 340416-11Eligible Project Cost: \$ 3,997,392

FY04 Rank : 97

County : MERCERTotal State Amount : \$ 3,997,392

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

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

III. WATER USE/WATER QUALITY POINTS

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

<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 Commission50.00000

Population0.08540

TOTAL POINTS75.08540

Project Name, Number

TRENTON CITY
340416-11
STP

Priority List Rank

97

County

MERCER

Existing Population

85,403

Service Area

City of Trenton

Need for Project

The primary treatment system at the Trenton Sewage Treatment Plant was built in 1957. Rehabilitation of this system will modernize the process and provide a more reliable system that will improve solids removal in the plant improving the quality of the discharge to the Delaware River.

Project Description

The proposed project includes rehabilitation of eight primary settling tanks, including all biosolids collection equipment; replacement of eight original pumps and piping; and installation of a new motor control system.

Anticipated Recipient : TRENTON CITY

Project No. : 340416-12Eligible Project Cost: \$ 2,718,518

FY04 Rank : 97

County : MERCERTotal State Amount : \$ 2,718,518

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	50.00000
Population	0.08540
TOTAL POINTS	100.08540

Project Name, Number

TRENTON CITY
340416-12
SEWER REHABILITATION

Priority List Rank

97

County

MERCER

Existing Population

85,403

Service Area

City of Trenton

Need for Project

The City of Trenton's brick sewers date back to the 1800's. They are in dire need of repair and are subject to exfiltration, which threatens the quality of the surrounding groundwater.

Project Description

The City proposes to line and stabilize deteriorated brick using various trenchless rehabilitation processes.

Anticipated Recipient	:	MIDDLETOWN TOWNSHIP			
Project No.	:	343021-01	Eligible Project Cost:	\$	9,273,161
FY04 Rank	:	99			
County	:	MONMOUTH	Total State Amount	:	\$ 9,273,161

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

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

III. WATER USE/WATER QUALITY POINTS

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

State Planning Commission	0.00000
Population	0.06818
TOTAL POINTS	100.06818

Project Name, Number

MIDDLETOWN TOWNSHIP
343021-01
LAND ACQUISITION

Priority List Rank

99

County

MONMOUTH

Existing Population

68,183

Service Area

Township of Middletown

Need for Project

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

Project Description

The proposed project is for the purchase of land including the Reid, Conway and Schildge tracts to preserve open space and to protect water quality.

Anticipated Recipient : BRICK TOWNSHIP

Project No. : 343010-02

Eligible Project Cost: \$ 2,564,917

FY04 Rank : 100

County : OCEAN

Total State Amount : \$ 2,564,917

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	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>	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 Commission0.00000

Population0.06647

TOTAL POINTS100.06647

Project Name, Number

BRICK TOWNSHIP
343010-02
LAND ACQUISITION

Priority List Rank

100

County

OCEAN

Existing Population

66,473

Service Area

Township of Brick

Need for Project

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

Project Description

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

Anticipated Recipient : PARSIPPANY-TROY HILLS TWP

Project No. : 340886-01

Eligible Project Cost: \$ 1,398,180

FY04 Rank : 101

County : MORRIS

Total State Amount : \$ 1,398,180

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.06310

TOTAL POINTS100.06310

Project Name, Number

PARSIPPANY-TROY HILLS TWP
340886-01
SLUDGE HANDLING FACILITIES

Priority List Rank

101

County

MORRIS

Existing Population

63,100

Service Area

Parsippany Troy Hills, Mountain Lakes Borough, East Hanover Township

Need for Project

This project is required to provide an additional sludge blending tank and grit removal equipment including belt filter press for dewatering with associated piping and pumping equipment. It should be noted that the present facilities for handling sludge waste generated from other sewage treatment plants are inadequate. The project is necessary to insure that additional sludge facilities for existing and future development is in conformance with approved facilities plan.

Project Description

Parsippany-Troy Hills has completed an NJDEP approved facilities plan which recommends construction of facilities that include an additional sludge blending tank, grit removal equipment and belt filter press for dewatering with associated piping and pumping equipment.

Anticipated Recipient	:	BAYONNE LOCAL REDEVELOPMENT AUTHORITY			
Project No.	:	342009-01	Eligible Project Cost:	\$	3,941,003
FY04 Rank	:	102			
County	:	HUDSON	Total State Amount	:	\$ 3,941,003

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.06184
TOTAL POINTS	100.06184

Project Name, Number

BAYONNE LOCAL REDEVELOPMENT AUTHORITY
342009-01
LANDFILL CLOSURE

Priority List Rank

102

County

HUDSON

Existing Population

61,842

Service Area

City of Bayonne

Need for Project

A 26 acre landfill in Bayonne requires final capping.

Project Description

The project will include the installation of a final cap consisting of 18-inches of fill overlain by a 6-inch topsoil erosion layer along with erosion controls and groundwater monitoring.

Anticipated Recipient : OLD BRIDGE MUA

Project No. : 340945-04Eligible Project Cost: \$ 33,032,119

FY04 Rank : 103

County : MIDDLESEXTotal State Amount : \$ 33,032,119

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.06046
TOTAL POINTS	100.06046

Project Name, Number

OLD BRIDGE MUA
340945-04
COLLECTION SYSTEM

Priority List Rank

103

County

MIDDLESEX

Existing Population

60,456

Service Area

Old Bridge Township, S. Old Bridge Brook Drainage Basin and Runyon Drainage Basin

Need for Project

South Old Bridge area is presently serviced by on-site systems. Many of these systems are malfunctioning.

Project Description

The proposed project consists of 2 pumping stations, trunk sewer, force main and collection systems.

Anticipated Recipient : GLOUCESTER TOWNSHIP

Project No. : 343014-01Eligible Project Cost: \$ 1,328,374

FY04 Rank : 104

County : CAMDENTotal State Amount : \$ 1,328,374

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.05380

TOTAL POINTS100.05380

Project Name, Number

GLOUCESTER TOWNSHIP
343014-01
LAND ACQUISITION

Priority List Rank

104

County

CAMDEN

Existing Population

53,797

Service Area

Township of Gloucester

Need for Project

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

Project Description

The proposed project is for the purchase of land including 81 acres of the Lake Mathilde parcel and the Country Oaks parcel to preserve open space and to protect water quality.

Anticipated Recipient : CAPE MAY COUNTY MUA

Project No. : 340661-06

Eligible Project Cost: \$ 12,302,395

FY04 Rank : 105

County : CAPE MAY

Total State Amount : \$ 12,302,395

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.05014
TOTAL POINTS	100.05014

Project Name, Number

CAPE MAY COUNTY MUA
340661-06
SLUDGE MANAGEMENT

Priority List Rank

105

County

CAPE MAY

Existing Population

50,140

Service Area

Cape May County MUA - Wildwood/Lower Region and CMCMUA - Seven Mile/Middle Region

Need for Project

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

Project Description

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

Anticipated Recipient : STONY BROOK REGIONAL SA

Project No. : 340400-04

Eligible Project Cost: \$ 10,549,210

FY04 Rank : 106

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

<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	0.05000
TOTAL POINTS	100.05000

Project Name, Number

STONY BROOK REGIONAL SA
340400-04
SLUDGE MANAGEMENT IMPROVEMENTS

Priority List Rank

106

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. : 340390-05Eligible Project Cost: \$ 25,607,620

FY04 Rank : 107

County : PASSAICTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.04776

TOTAL POINTS100.04776

Project Name, Number

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

Priority List Rank

107

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	:	WASHINGTON TOWNSHIP (GLOUCESTER CO.)			
Project No.	:	343044-01	Eligible Project Cost:	\$	1,019,650
FY04 Rank	:	108			
County	:	GLOUCESTER	Total State Amount	:	\$ 1,019,650

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.04711
TOTAL POINTS	100.04711

Project Name, Number

WASHINGTON TOWNSHIP (GLOUCESTER CO.)
343044-01
LAND ACQUISITION

Priority List Rank

108

County

GLOUCESTER

Existing Population

47,114

Service Area

Township of Washington

Need for Project

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

Project Description

The proposed project includes the purchase of the Rio Grande Tract and the Goodwin Tract to preserve open space and to protect water quality.

Anticipated Recipient : EAST BRUNSWICK TOWNSHIP

Project No. : 343050-01

Eligible Project Cost: \$ 4,714,402

FY04 Rank : 109

County : MIDDLESEX

Total State Amount : \$ 4,714,402

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.04676
TOTAL POINTS	100.04676

Project Name, Number

EAST BRUNSWICK TOWNSHIP
343050-01
LAND ACQUISITION

Priority List Rank

109

County

MIDDLESEX

Existing Population

46,756

Service Area

Township of East Brunswick

Need for Project

The Township plans to purchase land for water quality protection. The property targeted for acquisition is located within a key aquifer intake area for the Old Bridge Sands Aquifer, which is the most productive aquifer in the Raritan Formation. In addition, surface water drains to the Irelands Brook, which discharges into Farrington Lake. Farrington Lake is a potable water reservoir for the City of New Brunswick.

Project Description

The proposed project includes the purchase of two adjoining lots that total 147.64 acres. The purpose of the acquisition is to protect the acreage from residential development and to provide an open space amenity for the citizens of East Brunswick.

Anticipated Recipient : WAYNE TOWNSHIP

Project No. : 340929-01

Eligible Project Cost: \$ 1,861,346

FY04 Rank : 110

County : PASSAIC

Total State Amount : \$ 1,861,346

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.04555

TOTAL POINTS100.04555

Project Name, Number

WAYNE TOWNSHIP
340929-01
COLLECTION SYSTEM

Priority List Rank

110

County

PASSAIC

Existing Population

45,550

Service Area

This project will serve various areas throughout the Township such as Ludlum Road, Arbor Road, Riverlawn Drive, Riverdale Drive, and Hoffman Grove area.

Need for Project

Many areas of the Township presently served by on-site systems have exhibited problems and/or malfunctions as evidenced by foul odors and numerous homeowner complaints, thus causing a public nuisance. As determined by the soil conservation service, these areas correspond to soils with severe limitations for on-site disposal.

Project Description

This project is for the construction of a sanitary sewer collection system within problem areas of the Township. All of the areas will tie into existing transmission lines for ultimate disposal at the Mountain View treatment plant.

Anticipated Recipient : FRANKLIN TOWNSHIP

Project No. : 343017-01

Eligible Project Cost: \$ 21,625,688

FY04 Rank : 111

County : SOMERSET

Total State Amount : \$ 21,625,688

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.04278

TOTAL POINTS100.04278

Project Name, Number

FRANKLIN TOWNSHIP
343017-01
LAND ACQUISITION

Priority List Rank

111

County

SOMERSET

Existing Population

42,780

Service Area

Township of Franklin

Need for Project

The Township plans to purchase 12 parcels of land including the Catalpa and Princeton Highlands tracts for water quality protection. Preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project is for the purchase of 591 acres of land including the Catalpa and Princeton Highlands tracts to preserve open space and to protect water quality.

Anticipated Recipient : EVESHAM TOWNSHIP

Project No. : 343023-02Eligible Project Cost: \$ 826,649

FY04 Rank : 112

County : BURLINGTONTotal State Amount : \$ 826,649

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	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>	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	0.04228
TOTAL POINTS	100.04228

Project Name, Number

EVESHAM TOWNSHIP
343023-02
LANDACQUISITION

Priority List Rank

112

County

BURLINGTON

Existing Population

42,275

Service Area

Township of Evesham

Need for Project

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

Project Description

The proposed project is for the purchase of the Buchel and the Hamilton-Georgetown tracts to preserve open space and to protect water quality.

Anticipated Recipient : NEW BRUNSWICK CITY

Project No. : 340437-03Eligible Project Cost: \$ 950,799

FY04 Rank : 113

County : MIDDLESEXTotal State Amount : \$ 950,799

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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 Commission50.00000

Population0.04171

TOTAL POINTS100.04171

Project Name, Number

NEW BRUNSWICK CITY
340437-03
I/I CORRECTION

Priority List Rank

113

County

MIDDLESEX

Existing Population

41,710

Service Area

City of New Brunswick

Need for Project

The existing sewer system in the City of New Brunswick is suspected of containing excessive I/I, partially due to the combined nature of its sewer system.

Project Description

The proposed project consists of the construction of improvement to the City's sewer system, including grouting, slip lining and other corrective measures.

Anticipated Recipient : HOWELL TOWNSHIP

Project No. : 343011-01

Eligible Project Cost: \$ 2,049,114

FY04 Rank : 114

Total State Amount : \$ 2,049,114

County : MONMOUTH

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.03899
TOTAL POINTS	100.03899

Project Name, Number

HOWELL TOWNSHIP
343011-01
LAND ACQUISITION

Priority List Rank

114

County

MONMOUTH

Existing Population

38,987

Service Area

Township of Howell

Need for Project

The Township plans to purchase 203 acres on the Schuch and Hascup farms for water quality protection. The preservation and conservation of land is important to help protect and maintain water quality in the project area. In general, the loss of open space is known to have adverse water quality impacts that result from increases in impervious cover, loss of recharge areas or buffer zones and undesirable changes in historic stormwater drainage patterns.

Project Description

The proposed project includes the purchase of 203 acres on the Schuch and Hascup farms to preserve open space and to protect water quality.

Anticipated Recipient : HACKENSACK CITY

Project No. : 343024-01

Eligible Project Cost: \$ 735,292

FY04 Rank : 115

County : BERGEN

Total State Amount : \$ 735,292

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.03705

TOTAL POINTS100.03705

Project Name, Number

HACKENSACK CITY
343024-01
LAND ACQUISITION

Priority List Rank

115

County

BERGEN

Existing Population

37,049

Service Area

City of Hackensack

Need for Project

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

Project Description

The proposed project includes the purchase of land along the Hackensack River Waterfront Corridor to preserve open space and to protect water quality.

Anticipated Recipient : LINDEN CITY

Project No. : 342005-01Eligible Project Cost: \$ 9,482,452

FY04 Rank : 116

County : UNIONTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	100
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.03670
TOTAL POINTS	100.03670

Project Name, Number

LINDEN CITY
342005-01
NPS MANAGEMENT/LANDFILL CLOSURES

Priority List Rank

116

County

UNION

Existing Population

36,701

Service Area

City of Linden

Need for Project

The City of Linden Sanitary Landfill is currently operating under an ACO. The City has submitted a revised Closure Plan to the Department in accordance with the Amended ACO requirements, which include final landfill capping, a stormwater management system, and methane gas management system. Proper closure of the Linden Landfill will minimize the amount of leachate generated and will also minimize adverse impacts from uncontrolled runoff.

Project Description

The proposed landfill cover includes a synthetic plastic liner to prevent percolating rainwater from coming into contact with waste. The proposed stormwater collection and conveyance system will direct runoff into a detention basin before discharging to surface waters. The proposed project also includes a methane gas collection system.

Anticipated Recipient : EVESHAM TOWNSHIP

Project No. : 342003-01

Eligible Project Cost: \$ 3,055,927

FY04 Rank : 117

County : BURLINGTON

Total State Amount : \$ 3,055,927

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.03531

TOTAL POINTS100.03531

Project Name, Number

EVESHAM TOWNSHIP
342003-01
LANDFILL CLOSURE

Priority List Rank

117

County

BURLINGTON

Existing Population

35,309

Service Area

Evesham Township

Need for Project

The Township's former landfill is generating leachate, which is causing surface and groundwater impacts in an area containing the headwaters of two drainage basins. A capping system is needed to reduce infiltration, which will subsequently minimize further leachate generation and migration.

Project Description

The proposed project will include the construction of a capping system consisting of an impervious clay cap, a sand drainage layer, a vegetative layer, a ground/surface water monitoring system, and drainage improvements. The entire landfill will be re-contoured to remove waste around the perimeter and to establish appropriate cross slope grades.

Anticipated Recipient	:	MANALAPAN TOWNSHIP			
Project No.	:	343039-01	Eligible Project Cost:	\$	3,471,822
FY04 Rank	:	118			
County	:	MONMOUTH	Total State Amount	:	\$ 3,471,822

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

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

III. WATER USE/WATER QUALITY POINTS

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

State Planning Commission	0.00000
Population	0.03342
TOTAL POINTS	100.03342

Project Name, Number

MANALAPAN TOWNSHIP
343039-01
LAND ACQUISITION

Priority List Rank

118

County

MONMOUTH

Existing Population

33,423

Service Area

Township of Manalapan

Need for Project

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

Project Description

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

Anticipated Recipient : MOUNT LAUREL TOWNSHIP

Project No. : 343015-01

Eligible Project Cost: \$ 4,174,867

FY04 Rank : 119

County : BURLINGTON

Total State Amount : \$ 4,174,867

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.03027

TOTAL POINTS100.03027

Project Name, Number

MOUNT LAUREL TOWNSHIP
343015-01
LAND ACQUISITION

Priority List Rank

119

County

BURLINGTON

Existing Population

30,270

Service Area

Township of Mount Laurel

Need for Project

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

Project Description

The proposed project is for the purchase of land including the Palumbo parcel, the 23 acre Neuber Trust, and the 48 acre McKay Trust to preserve open space and to protect water quality.

Anticipated Recipient : WINSLOW TWP

Project No. : 340895-02Eligible Project Cost: \$ 2,722,377

FY04 Rank : 120

County : CAMDENTotal State Amount : \$ 2,722,377

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.03009
TOTAL POINTS	100.03009

Project Name, Number

Priority List Rank

WINSLOW TWP

120

340895-02

COLLECTION SYSTEM, PUMPING STATION, FORCE

County

CAMDEN

Existing Population

30,090

Service Area

Winslow Township

Need for Project

A portion of Winslow Township is presently served by on-site systems. Many of these systems are malfunctioning; consequently, there is potential for groundwater contamination.

Project Description

The project consists of the construction of gravity sewer lines, pumping stations and force mains. The areas to be served are a portion a residential area, a church and two schools in Winslow Township. The collection system will be proposed to convey 73,000 gallons of wastewater per day initially. The proposed system will discharge to the Route 73 corridor project which is under construction and it will ultimately be conveyed to the CCMUA Delaware No. 1 Water Pollution Control Facility (WPCF) at Camden.

Anticipated Recipient : VOORHEES TOWNSHIP

Project No. : 340875-01Eligible Project Cost: \$ 5,630,570

FY04 Rank : 121

County : CAMDENTotal State Amount : \$ 5,630,570

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.02813

TOTAL POINTS100.02813

Project Name, Number

VOORHEES TOWNSHIP
340875-01
COLLECTION SYSTEM, FORCE MAIN & PUMP STATION

Priority List Rank

121

County

CAMDEN

Existing Population

28,126

Service Area

Voorhees Township

Need for Project

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

Project Description

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

Anticipated Recipient : MT HOLLY SA

Project No. : 340819-02Eligible Project Cost: \$ 5,203,507

FY04 Rank : 122

County : BURLINGTONTotal State Amount : \$ 5,203,507

<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	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	100
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	100

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.02659

TOTAL POINTS100.02659

Project Name, Number

MT HOLLY SA
340819-02
SLUDGE MANAGEMENT

Priority List Rank

122

County

BURLINGTON

Existing Population

26,590

Service Area

Mount Holly, Eastampton, Lumberton, Hainesport, part of Westampton

Need for Project

This is a sludge management project. The Mount Holly Sewerage Authority Wastewater Treatment Plant has been expanded and upgraded from 2.0 mgd to 5.0 mgd flow under USEPA/State project no. C340251 grant. The (201) Facilities Plan recommended that ultimate sludge disposal would be to a licensed landfill.

Subsequent to the completion of this original facilities plan and the initiation of construction of the plant expansion, the State of New Jersey enacted new laws relative to the treatment and disposal of sludge. Accordingly, the Mount Holly Sewerage Authority was required to prepare a sludge management plan in accordance with the current state guidelines for the preparation of sludge management plans.

Project Description

The project consists of construction of sludge management facilities at the existing Mount Holly SA Sewage Treatment Plant site. This is a short term solution only.

The ultimate sludge disposal will be incorporated into the on-going county-wide sludge and septage management plan recommendations. Mt. Holly will subsequently become a contingency back-up facility for sludge/septage treatment.

Anticipated Recipient : FREEHOLD TOWNSHIP

Project No. : 340304-01

Eligible Project Cost: \$ 4,886,714

FY04 Rank : 123

County : MONMOUTH

Total State Amount : \$ 4,886,714

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.02471

TOTAL POINTS100.02471

Project Name, Number

FREEHOLD TOWNSHIP
340304-01
COLLECTION SYSTEM

Priority List Rank

123

County

MONMOUTH

Existing Population

24,710

Service Area

Unsewered areas within the Township of Freehold

Need for Project

The construction of sanitary sewers will eliminate the use of existing, failing on-site septic systems in developed portions of the Township.

Project Description

The proposed project consists of construction of approximately 24,300 LF of gravity sewers, two pump stations and related force mains and a low pressure sewer system to serve approximately 365 existing homes.

Anticipated Recipient : FREEHOLD TOWNSHIP

Project No. : 343018-01Eligible Project Cost: \$ 2,718,518

FY04 Rank : 123

County : MONMOUTHTotal State Amount : \$ 2,718,518

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.02471

TOTAL POINTS100.02471

Project Name, Number

FREEHOLD TOWNSHIP
343018-01
LAND ACQUISITION

Priority List Rank

123

County

MONMOUTH

Existing Population

24,710

Service Area

Township of Freehold

Need for Project

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

Project Description

The proposed project includes the purchase of land adjacent to the headwaters of the Metedeconk and Manasquan Rivers to preserve open space and to protect water quality.

Anticipated Recipient : GLOUCESTER CO UA (MONROE)

Project No. : 340526-03

Eligible Project Cost: \$ 2,911,180

FY04 Rank : 125

County : GLOUCESTER

Total State Amount : \$ 2,911,180

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.02314

TOTAL POINTS100.02314

Project Name, Number

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

Priority List Rank

125

County

GLOUCESTER

Existing Population

23,140

Service Area

Monroe Township

Need for Project

Failure of on-site sewage disposal systems within the township, surrounding Victory, Timber and Sunset Lakes have created a public nuisance, and have contributed to water quality degradation in the area.

Project Description

The facilities plan recommends the construction of a collection system, interceptor, pump stations and force mains. Sewage will flow to GCUA for treatment and disposal.

Anticipated Recipient : SOUTH BRUNSWICK TOWNSHIP

Project No. : 340897-01

Eligible Project Cost: \$ 1,254,485

FY04 Rank : 126

County : MIDDLESEX

Total State Amount : \$ 1,254,485

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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>	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 Commission0.00000

Population0.02236

TOTAL POINTS100.02236

Project Name, Number

SOUTH BRUNSWICK TOWNSHIP
340897-01
COLLECTION SYSTEM

Priority List Rank

126

County

MIDDLESEX

Existing Population

22,360

Service Area

This project will serve existing and new development along the Major Road area of the Township.

Need for Project

Approximately 36 homes are served by on-site systems, a significant portion of which have exhibited problems and/or malfunctions, thus causing a public nuisance. The Soil Conservation Service has determined that the Major Road area corresponds to soils with severe limitations for on-site disposal systems. South Brunswick Township will apply under the Public Health Hazard Bypass provisions of the priority system.

Project Description

The proposed project is for the construction of approximately 4,500 feet of ten inch sewer line and 1,450 feet of eight inch sewer line. The project also calls for the reconstruction of approximately 834 feet of the existing "Town Center Sewer". Approximately 31 of the existing properties could make gravity connection to the sewer line and the other 5 homes would have to utilize small grinder pumps to tie into the proposed project.

Anticipated Recipient : WEST WINDSOR TOWNSHIP

Project No. : 343005-02

Eligible Project Cost: \$ 7,846,596

FY04 Rank : 127

County : MERCER

Total State Amount : \$ 7,846,596

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.02191

TOTAL POINTS100.02191

Project Name, Number

WEST WINDSOR TOWNSHIP
343005-02
LAND ACQUISITION

Priority List Rank

127

County

MERCER

Existing Population

21,907

Service Area

Township of West Windsor

Need for Project

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

Project Description

The proposed project is for the purchase of land including 331 acres in the Duck Pond Run Basin Area to preserve open space and to protect water quality.

Anticipated Recipient : RANDOLPH TOWNSHIP

Project No. : 343007-01Eligible Project Cost: \$ 10,903,537

FY04 Rank : 128

County : MORRISTotal State Amount : \$ 10,903,537

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01997

TOTAL POINTS100.01997

Project Name, Number

RANDOLPH TOWNSHIP
343007-01
LAND ACQUISITION

Priority List Rank

128

County

MORRIS

Existing Population

19,974

Service Area

Township of Randolph

Need for Project

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

Project Description

The proposed project includes the purchase of the Clyde Potts Reservoir and the surrounding drainage basin to preserve open space and to protect water quality.

Anticipated Recipient : MORRIS TOWNSHIP

Project No. : 343022-01Eligible Project Cost: \$ 2,718,518

FY04 Rank : 129

County : MORRISTotal State Amount : \$ 2,718,518

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.01995

TOTAL POINTS100.01995

Project Name, Number

MORRIS TOWNSHIP
343022-01
LAND ACQUISITION

Priority List Rank

129

County

MORRIS

Existing Population

19,952

Service Area

Township of Morris

Need for Project

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

Project Description

The proposed project includes the purchase of land within the Jockey Hollow Top Tract and other lands to preserve open space and to protect water quality.

Anticipated Recipient : ROCKAWAY TOWNSHIP

Project No. : 340478-05Eligible Project Cost: \$ 17,510,632

FY04 Rank : 130

County : MORRISTotal State Amount : \$ 17,510,632

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.01956
TOTAL POINTS	100.01956

Project Name, Number

ROCKAWAY TOWNSHIP
340478-05
COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

130

County

MORRIS

Existing Population

19,560

Service Area

Rockaway Township

Need for Project

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

Project Description

It is anticipated that this project will be for a collection system or other alternative system in White Meadow Lake and remaining unsewered areas of the Township. This project will alleviate the potential health hazard caused by malfunctioning septic systems.

Anticipated Recipient : POINT PLEASANT BOROUGH

Project No. : 343025-01

Eligible Project Cost: \$ 654,846

FY04 Rank : 131

County : OCEAN

Total State Amount : \$ 654,846

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01818

TOTAL POINTS100.01818

Project Name, Number

POINT PLEASANT BOROUGH
343025-01
LAND ACQUISITION

Priority List Rank

131

County

OCEAN

Existing Population

18,177

Service Area

Borough of Point Pleasant

Need for Project

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

Project Description

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

Anticipated Recipient : ASBURY PARK CITY

Project No. : 340883-01Eligible Project Cost: \$ 746,386

FY04 Rank : 132

County : MONMOUTHTotal State Amount : \$ 746,386

I. APPROVED WATERSHED PLAN

Possible Points

Points Scored

200

0

II. PROJECT DISCHARGE TYPE

Possible Points

Points Scored

CSO Abatement

250

0

I/I Correction-Overflow

250

0

Treatment Plant Improvements

150

0

Sludge Disposal/Treatment

100

100

Corrective Systems

50

0

I/I Correction

50

0

Stormwater/NPS Management

50-100

0

Subtotal

100

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

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

0.01625

TOTAL POINTS

100.01625

Project Name, Number

ASBURY PARK CITY
340883-01
SLUDGE MANAGEMENT

Priority List Rank

132

County

MONMOUTH

Existing Population

16,250

Service Area

Asbury Park City

Need for Project

The sludge generated at the City's wastewater treatment facilities is trucked to a landfill; this is not a viable long term method for sludge disposal. Additional sludge is generated due to the secondary treatment facilities being completed.

Project Description

This project consists of land application of sludge.

Anticipated Recipient : MONTVILLE TOWNSHIP MUA

Project No. : 340931-02

Eligible Project Cost: \$ 16,484,390

FY04 Rank : 133

County : MORRIS

Total State Amount : \$ 16,484,390

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.01620

TOTAL POINTS100.01620

Project Name, Number

MONTVILLE TOWNSHIP MUA
340931-02
COLLECTION SYSTEM

Priority List Rank

133

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

FY04 Rank : 134

County : OCEAN

Total State Amount : \$ 8,972,628

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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	0.01540
TOTAL POINTS	100.01540

Project Name, Number

MANCHESTER TWP
340650-03
COLLECTION SYSTEM

Priority List Rank

134

County

OCEAN

Existing Population

15,400

Service Area

Parts of Manchester Township

Need for Project

The tremendous rate of growth in the planning area, coupled with an increasing number of septic tanks, has placed a severe strain on the very permeable sandy soils to adequately treat the domestic wastes. Because of a generally high groundwater table and the high percentage of septic system failures, pollution of the groundwater is suspected. The pollution to surface water in the planning area has already been documented in the Ocean County Areawide Water Quality Management Plan. The continuation of current septic tank problems poses a potential threat to the groundwater in the region. Therefore, a proper sewage disposal system is necessary.

Project Description

Based upon economic, environmental and engineering aspects, the construction of the following collection system has been recommended: Summit Park, 13,282 feet of gravity sewers; Savannah Acres, Low pressure/grinder pump system with 17,085 feet of 2" PVC low-pressure piping; Cedar Glen Homes, 16,000 feet of gravity sewers; Richard and Whitney Estates, 1½" and 2" low-pressure sewers; Cedar Glen West, 3,900 feet of 8" and 15" gravity sewers; a pumping station; and 8,700 feet of 6" force main. The flow from the area will be conveyed to the Ocean County Utilities Authority's Central Plant for treatment and disposal.

Anticipated Recipient	:	BERNARDS TOWNSHIP SA			
Project No.	:	340382-02	Eligible Project Cost:	\$	542,184
FY04 Rank	:	135			
County	:	SOMERSET	Total State Amount	:	\$ 542,184

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

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

State Planning Commission	0.00000
Population	0.01530
TOTAL POINTS	100.01530

Project Name, Number

BERNARDS TOWNSHIP SA
340382-02
COLLECTION SYSTEM

Priority List Rank

135

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 : BARNEGAT TOWNSHIP

Project No. : 340620-05Eligible Project Cost: \$ 1,832,938

FY04 Rank : 136

County : OCEANTotal State Amount : \$ 1,832,938

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.01527

TOTAL POINTS100.01527

Project Name, Number

BARNEGAT TOWNSHIP
340620-05
COLLECTION SYSTEM

Priority List Rank

136

County

OCEAN

Existing Population

15,270

Service Area

Barnegat Township.

Need for Project

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

Project Description

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

Anticipated Recipient : GLOUCESTER COUNTY UA (FRANKLIN TWP)

Project No. : 340461-04

Eligible Project Cost: \$ 7,211,095

FY04 Rank : 137

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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>	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 Commission0.00000

Population0.01448

TOTAL POINTS100.01448

Project Name, Number

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

Priority List Rank

137

County

GLOUCESTER

Existing Population

14,480

Service Area

Franklin Township

Need for Project

The project area in Franklin Township consists of Franklinville, Malaga, and Newfield, which are existing developments served by individual on-lot systems. There is public nuisance associated with these on-site disposal systems in the area.

Project Description

The selected plan of the GCUA Facilities Plan calls for the complete regionalization of the proposed sewer collection systems for Franklin Township and the Borough of Newfield with an interceptor system to convey wastewater to the Landis Sewerage Authority Plant for treatment and ultimate disposal. The selected plan basically involves the construction of three pump stations, interceptors, and force mains to convey the wastewater to the Landis SA plant.

Anticipated Recipient : OAKLAND BOROUGH

Project No. : 340418-05

Eligible Project Cost: \$ 40,854,622

FY04 Rank : 138

Total State Amount : \$ 40,854,622

County : BERGEN

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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>				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	0.01300
TOTAL POINTS	100.01300

Project Name, Number

OAKLAND BOROUGH
340418-05
COLLECTION SYSTEM

Priority List Rank

138

County

BERGEN

Existing Population

13,000

Service Area

Borough of Oakland

Need for Project

The area is currently served by septic systems and some small package treatment plants. Existing disposal facilities result in a public nuisance as a result of high groundwater and impervious soils.

Project Description

The facilities plan recommends the design and construction of a gravity collection system for the majority of the developed areas of the Borough and interceptor sewers. This project involves the collection and interceptor sewers.

Anticipated Recipient : CLINTON TOWNSHIP

Project No. : 343012-01

Eligible Project Cost: \$ 13,000,360

FY04 Rank : 139

County : HUNTERDON

Total State Amount : \$ 13,000,360

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01296

TOTAL POINTS100.01296

Project Name, Number

CLINTON TOWNSHIP
343012-01
LAND ACQUISITION

Priority List Rank

139

County

HUNTERDON

Existing Population

12,957

Service Area

Township of Clinton

Need for Project

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

Project Description

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

Anticipated Recipient : HANOVER TOWNSHIP

Project No. : 343003-01

Eligible Project Cost: \$ 11,714,265

FY04 Rank : 140

Total State Amount : \$ 11,714,265

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.01290
TOTAL POINTS	100.01290

Project Name, Number

HANOVER TOWNSHIP
343003-01
LAND ACQUISITION

Priority List Rank

140

County

MORRIS

Existing Population

12,898

Service Area

Township of Hanover

Need for Project

The Township plans to purchase a parcel to protect the Stoney Brook tributary of the Whippany River and wetlands. Preservation and conservation of land is important to help protect and maintain water quality in the project area.

Project Description

The proposed project includes the purchase of approximately 66 acres in the Whippany River watershed to preserve open space, promote flood control and protect water quality.

Anticipated Recipient : BRIGANTINE CITY

Project No. : 343042-01Eligible Project Cost: \$ 6,614,815

FY04 Rank : 141

County : ATLANTICTotal State Amount : \$ 6,614,815

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	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>	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 Commission0.00000

Population0.01259

TOTAL POINTS100.01259

Project Name, Number

BRIGANTINE CITY
343042-01
LAND ACQUISITION

Priority List Rank

141

County

ATLANTIC

Existing Population

12,594

Service Area

City of Brigantine

Need for Project

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

Project Description

The proposed project includes the purchase of open space areas of a golf course located in the City and may include other lands to preserve open space and to protect water quality.

Anticipated Recipient : VERNON TWP

Project No. : 340745-02Eligible Project Cost: \$ 6,677,126

FY04 Rank : 142

County : SUSSEXTotal State Amount : \$ 6,677,126

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.01108
TOTAL POINTS	100.01108

Project Name, Number

Priority List Rank

VERNON TWP

142

340745-02

ALTERNATIVE WASTEWATER SYSTEM

County

SUSSEX

Existing Population

11,080

Service Area

The service area consists of the portion (62%) of Vernon Township which lies in the Pochuck Basin.

Need for Project

Vernon Township is comprised of clusters of lakeside communities (including Barry Lakes) that have developed from seasonal vacation homes to year-round dwellings. This fact, coupled with the restrictions of small, undersized lots located on soils with severe limitations for on-site systems, has resulted in an overburdening of the soil stratum. This has led to an increasing number of septic system failures which previously had functioned satisfactorily. In addition, a number of existing systems are known to be inadequate through design and/or installation deficiencies. This situation poses public health as well as nuisance problems to the Township. The needs of Vernon Township as identified under the Sussex County Step I Study (C340503-01) are to be resolved on a local level through this project.

Project Description

This project would implement the wastewater management recommendations of the Sussex County-Pochuck Facilities Plan on a local level. Collection, low pressure, and/or cluster systems may be involved in this project. On-site rehabilitation in conjunction with the establishment of a septic management district(s) may also be a viable alternative. The construction of this project should satisfy the wastewater needs of Vernon Township, as well as maintaining water quality and safeguarding the public health.

Anticipated Recipient : MAHWAH TOWNSHIP

Project No. : 340592-03

Eligible Project Cost: \$ 9,194,418

FY04 Rank : 143

County : BERGEN

Total State Amount : \$ 9,194,418

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.01048

TOTAL POINTS100.01048

Project Name, Number

MAHWAH TOWNSHIP
340592-03
COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

143

County

BERGEN

Existing Population

10,480

Service Area

Township of Mahwah (Portion)

Need for Project

The area is currently served by septic systems; failures appear to be contributing to the pollution of groundwater, a potable water source. This could result in health problems in the community. The project would also convey wastewater from package plants in the Township. The water quality in the area marginally meets standards for fecal coliform and nutrients.

Project Description

The project involves construction of a collection system and interceptor to serve the Fardale Section of Mahwah Township. The wastewater will be conveyed through the Northwest Bergen County Utilities Authority interceptors and then to the treatment plant in Waldwick. The project report has not been submitted by the Township.

Anticipated Recipient : MONTGOMERY TOWNSHIP

Project No. : 343029-01Eligible Project Cost: \$ 4,594,151

FY04 Rank : 144

County : SOMERSETTotal State Amount : \$ 4,594,151

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00961

TOTAL POINTS100.00961

Project Name, Number

MONTGOMERY TOWNSHIP
343029-01
LAND ACQUISITION

Priority List Rank

144

County

SOMERSET

Existing Population

9,612

Service Area

Township of Montgomery

Need for Project

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

Project Description

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

Anticipated Recipient	:	WANTAGE TWP			
Project No.	:	340760-03	Eligible Project Cost:	\$	572,805
FY04 Rank	:	145			
County	:	SUSSEX	Total State Amount	:	\$ 572,805

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

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

State Planning Commission	0.00000
Population	0.00949
TOTAL POINTS	100.00949

Project Name, Number

WANTAGE TWP
340760-03
ALTERNATIVE WASTEWATER SYSTEMS

Priority List Rank

145

County

SUSSEX

Existing Population

9,490

Service Area

Wantage Township

Need for Project

The entire Township of Wantage is currently using on-site wastewater disposal. However, in several areas there are failing systems which qualify as a public nuisance.

Project Description

The Sussex County Municipal Utilities Authority is developing a complete wastewater treatment system which includes upgrading of the Sussex Borough STP. The Sussex Borough STP may be available to serve new systems within Wantage Township. This project includes the design and construction of a local collection system and possible upgrading of existing on-site systems for the Wantage Township area, pending submittal and approval of the Sussex County Municipal Utilities Authority-Lower Wallkill 201 Facilities Plan (No. C340573-01).

Anticipated Recipient : CHATHAM TOWNSHIP

Project No. : 340403-05

Eligible Project Cost: \$ 708,917

FY04 Rank : 146

County : MORRIS

Total State Amount : \$ 708,917

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.00936

TOTAL POINTS100.00936

Project Name, Number

CHATHAM TOWNSHIP
340403-05
SEPTAGE TREATMENT/DISPOSAL

Priority List Rank

146

County

MORRIS

Existing Population

9,361

Service Area

Portions of Green Village Road and Britten Road in Chatham Township

Need for Project

The Green Village service area is the last major area in Chatham Township that remains unsewered. The existing water table is high and most of the service area is adjacent to the Great Swamp National Wildlife Refuge. Several existing septic systems have failed and several more are projected to fail within the next 2 years.

Project Description

The proposed project includes installation of community and individual mound type treatment systems for those portions of Green Village Road that have failing or failed septic systems.

Anticipated Recipient : CHATHAM TOWNSHIP

Project No. : 343016-01Eligible Project Cost: \$ 2,718,518

FY04 Rank : 146

County : MORRISTotal State Amount : \$ 2,718,518

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00936

TOTAL POINTS100.00936

Project Name, Number

CHATHAM TOWNSHIP
343016-01
LAND ACQUISITION

Priority List Rank

146

County

MORRIS

Existing Population

9,361

Service Area

Township of Chatham

Need for Project

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

Project Description

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

Anticipated Recipient : FLORHAM PARK BOROUGH

Project No. : 343001-01Eligible Project Cost: \$ 9,782,685

FY04 Rank : 148

County : MORRISTotal State Amount : \$ 9,782,685

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00852

TOTAL POINTS100.00852

Project Name, Number

FLORHAM PARK BOROUGH
343001-01
LAND ACQUISITION

Priority List Rank

148

County

MORRIS

Existing Population

8,521

Service Area

Borough of Florham Park

Need for Project

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

Project Description

The proposed project includes the purchase of about 50 acres on the Fish family farm to preserve open space and to protect water quality.

Anticipated Recipient	:	BORDENTOWN TOWNSHIP		
Project No.	:	343036-01	Eligible Project Cost:	\$ 13,550,697
FY04 Rank	:	149		
County	:	BURLINGTON	Total State Amount	: \$ 13,550,697

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.00838
TOTAL POINTS	100.00838

Project Name, Number

BORDENTOWN TOWNSHIP
343036-01
LAND ACQUISITION

Priority List Rank

149

County

BURLINGTON

Existing Population

8,380

Service Area

Township of Bordentown

Need for Project

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

Project Description

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

Anticipated Recipient : BYRAM TOWNSHIP

Project No. : 343047-01

Eligible Project Cost: \$ 1,915,067

FY04 Rank : 150

County : SUSSEX

Total State Amount : \$ 1,915,067

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00825

TOTAL POINTS100.00825

Project Name, Number

BYRAM TOWNSHIP
343047-01
LAND ACQUISITION

Priority List Rank

150

County

SUSSEX

Existing Population

8,254

Service Area

Township of Byram

Need for Project

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

Project Description

The proposed project is for the purchase of land including areas in the Lubbers Run Greenway. The total acquisition includes a conservation easement on a portion of the land (approximately 80 acres) and fee simple acquisition of land along Lubbers Run. Purchase of this land will limit development and sprawl and will preserve open space and protect water quality.

Anticipated Recipient	:	EDGEWATER PARK TOWNSHIP			
Project No.	:	343038-01	Eligible Project Cost:	\$	147,540
FY04 Rank	:	151			
County	:	BURLINGTON	Total State Amount	:	\$ 147,540

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.00786
TOTAL POINTS	100.00786

Project Name, Number

EDGEWATER PARK TOWNSHIP
343038-01
LAND ACQUISITION

Priority List Rank

151

County

BURLINGTON

Existing Population

7,864

Service Area

Township of Edgewater Park

Need for Project

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

Project Description

The proposed project includes the purchase of land to preserve open space and to maintain existing groundwater recharge capabilities.

Anticipated Recipient : UPPER SADDLE RIVER, BOROUGH OF

Project No. : 340909-01Eligible Project Cost: \$ 1,384,609

FY04 Rank : 152

County : BERGENTotal State Amount : \$ 1,384,609

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.00784
TOTAL POINTS	100.00784

Project Name, Number

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

Priority List Rank

152

County

BERGEN

Existing Population

7,840

Service Area

Southwest portion of Upper Saddle River

Need for Project

Sanitary sewers from the commercial buildings in the southwest portion of Upper Saddle River drain into the Ramsey Brook Interceptor. The Ramsey Brook Interceptor was not originally designed to handle flow from the southwest portion of Upper Saddle River. As a result, the line runs near capacity with some surcharging. Continuing commercial development in this area necessitates an alternate drainage source. Construction of a sanitary sewer collection system, which would drain into the northwest Bergen Interceptor, to serve both the expanding commercial and residential (currently served by septic system) communities in the southwest portion of Upper Saddle River has been proposed.

Project Description

Construction of a sanitary sewer collection system and interceptor. The sewer system would contain 9800 linear feet of 8-inch and 1000 linear feet of 10-inch diameter sanitary sewers.

Anticipated Recipient : LONG HILL TWP

Project No. : 340404-05

Eligible Project Cost: \$ 14,495,600

FY04 Rank : 153

Total State Amount : \$ 14,495,600

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

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

State Planning Commission	0.00000
Population	0.00766
TOTAL POINTS	100.00766

Project Name, Number

LONG HILL TWP
340404-05
COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

153

County

MORRIS

Existing Population

7,660

Service Area

Passaic Township

Need for Project

Certain areas of Passaic Township have malfunctioning septic systems which have been creating potential health hazard situations and a public nuisance.

Project Description

It is anticipated that this project will be for a collection system including interceptors, or other alternative system to alleviate the existing septic system problems. The project report plan work has not been initiated.

Anticipated Recipient : MANSFIELD TOWNSHIP

Project No. : 343040-01

Eligible Project Cost: \$ 1,641,302

FY04 Rank : 154

County : WARREN

Total State Amount : \$ 1,641,302

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.00665
TOTAL POINTS	100.00665

Project Name, Number

MANSFIELD TOWNSHIP
343040-01
LAND ACQUISITION

Priority List Rank

154

County

WARREN

Existing Population

6,653

Service Area

Township of Mansfield

Need for Project

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

Project Description

The proposed project includes the purchase of approximately 60 acres to preserve open space and to protect water quality.

Anticipated Recipient : MANCHESTER TOWNSHIP

Project No. : 340650-05

Eligible Project Cost: \$ 13,791,502

FY04 Rank : 155

County : OCEAN

Total State Amount : \$ 13,791,502

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.00646

TOTAL POINTS100.00646

Project Name, Number

MANCHESTER TOWNSHIP
340650-05
PUMP STATION, FORCE MAIN

Priority List Rank

155

County

OCEAN

Existing Population

6,460

Service Area

Pine Lake Park area of Manchester Township

Need for Project

The tremendous rate of growth in the area, coupled with an increasing number of septic tanks, has placed a severe strain on the very permeable sandy soils to adequately treat the domestic wastewater. Because of a generally high groundwater table and the high percentage of septic system failures, pollution of the groundwater and surface water is suspected. Also, the current septic tank problems pose a potential threat to the health of local residents. Therefore, a proper sewage disposal system is necessary.

Project Description

The project is for the construction of three pump stations and approximately 35 miles of force mains and gravity sewers with diameters ranging from 8 inches to 24 inches. The wastewater will be conveyed to the existing 42-inch diameter Union Branch Interceptor owned and operated by the Ocean County Utilities Authority (OCUA). The wastewater will be treated at the OCUA's Central Plant located in Bayville for secondary treatment with effluent disposal to the Atlantic Ocean.

Anticipated Recipient : FAIRFIELD TOWNSHIP

Project No. : 340957-01Eligible Project Cost: \$ 2,192,748

FY04 Rank : 156

County : CUMBERLANDTotal State Amount : \$ 2,192,748

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.00628

TOTAL POINTS100.00628

Project Name, Number

FAIRFIELD TOWNSHIP
340957-01
COLLECTION SYSTEM

Priority List Rank

156

County

CUMBERLAND

Existing Population

6,283

Service Area

Township of Fairfield

Need for Project

The area to be serviced relies on the discharge to groundwater through individual onsite septic systems. Many systems are close to 30 years old and nearly 80% of the lots in the Gouldtown Center project area are approximately 20,000 square feet.

Project Description

The proposed project includes the installation of 18,000 linear feet of gravity sewer ranging in size from 8 to 12 inches and the upgrade or replacement of an existing pump station.

Anticipated Recipient : CARLSTADT SA

Project No. : 340705-03

Eligible Project Cost: \$ 5,342,181

FY04 Rank : 157

County : BERGEN

Total State Amount : \$ 5,342,181

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.00612

TOTAL POINTS100.00612

Project Name, Number

CARLSTADT SA
340705-03
NEW INTERCEPTOR SEWERS/COLLECTION SYSTEM

Priority List Rank

157

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 sewerage flows are currently conveyed to the Rutherford/Carlstadt's Joint Meeting STP for treatment prior to discharge to Berry's Creek (FW2-NT/SE-2). This plant has been under a court order on consent to be abandoned in favor of regional treatment by the Bergen County Utilities Authority (BCUA). Existing water quality violates standards for dissolved oxygen, fecal coliform, and toxics.

Project Description

The facilities plan has evaluated alternative methods for the diversion of all or part of the flow from the Joint Meeting plant to the BCUA regional treatment facilities. The plan also identifies additional sanitary facilities needed to collect sewage in developed and developing areas of Carlstadt.

Anticipated Recipient : MILFORD BOROUGH

Project No. : 340805-02

Eligible Project Cost: \$ 4,076,260

FY04 Rank : 158

County : HUNTERDON

Total State Amount : \$ 4,076,260

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00610

TOTAL POINTS100.00610

Project Name, Number

MILFORD BOROUGH

340805-02

I/I CORRECTION; SLUDGE/SEPTAGE

County

HUNTERDON

Priority List Rank

158

Existing Population

6,100

Service Area

Milford Borough, Holland Township

Need for Project

There is serious I/I existing in the sanitary sewer lines in Holland Township, which is causing noncompliance with the suspended solids limitations of the NJPDES permit during periods of excessive rain. In addition, the Milford Borough Sewer Utility, which is classified as a Category D facility, does not have the capability of handling septage and must plan for accepting the septage generated in its service area. Furthermore, alternatives to the treatment plant's current method of disposing of liquid sludge at a Pennsylvania landfill must be evaluated since it is on a short term basis.

Project Description

This project will be classified as a complete wastewater treatment system which includes Holland Township and Milford Borough. The Facilities Plan will develop alternatives for sludge disposal, and evaluate a septic management district. Also, an I/I and cost effectiveness analysis will be performed to determine the extent of excessive I/I in the system.

Anticipated Recipient : PLUMSTED TWP MUA

Project No. : 340607-03

Eligible Project Cost: \$ 16,278,611

FY04 Rank : 159

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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>				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	0.00601
TOTAL POINTS	100.00601

Project Name, Number

PLUMSTED TWP MUA
340607-03
COLLECTION SYSTEM, STP

Priority List Rank

159

County

OCEAN

Existing Population

6,010

Service Area

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

Need for Project

A study performed for the service area has determined that overflowing and malfunctioning septic systems, poor soils and high density housing conditions exist in the planning area. A septic system survey found 81 percent of the residents in Plumsted Township are affected by malfunctioning on-site systems. The existing school sewage plant also needs improvement to meet treatment criteria and a new school is proposed which will need a larger capacity treatment facility.

Project Description

The proposed project includes the construction of a municipal collection system and a 210,000 GPD treatment plant to be located on Bight Road and discharge to Crosswicks Creek. The New Egypt School treatment plant will be eliminated. The collection system will include the downtown area of New Egypt and will include pumping stations, force mains, gravity sewers and related appurtenances as necessary. The sludge disposal method will be incorporated into the Ocean County sludge management plan.

Anticipated Recipient : PLUMSTED TOWNSHIP

Project No. : 343019-01

Eligible Project Cost: \$ 8,879,791

FY04 Rank : 159

County : OCEAN

Total State Amount : \$ 8,879,791

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.00601
TOTAL POINTS	100.00601

Project Name, Number

PLUMSTED TOWNSHIP
343019-01
LAND ACQUISITION

Priority List Rank

159

County

OCEAN

Existing Population

6,005

Service Area

Township of Plumsted

Need for Project

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

Project Description

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

Anticipated Recipient : MAHWAH TOWNSHIP

Project No. : 340737-01

Eligible Project Cost: \$ 230,325

FY04 Rank : 161

County : BERGEN

Total State Amount : \$ 230,325

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.00600

TOTAL POINTS100.00600

Project Name, Number

MAHWAH TOWNSHIP
340737-01
ALTERNATE WASTEWATER SYSTEM

Priority List Rank

161

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: \$ 7,234,628

FY04 Rank : 162

County : SUSSEX

Total State Amount : \$ 7,234,628

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.00596
TOTAL POINTS	100.00596

Project Name, Number

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

Priority List Rank

162

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. : 342004-01Eligible Project Cost: \$ 1,645,877

FY04 Rank : 163

County : CUMBERLANDTotal State Amount : \$ 1,645,877

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.00570
TOTAL POINTS	100.00570

Project Name, Number

FAIRFIELD TOWNSHIP
342004-01
LANDFILL CLOSURE

Priority List Rank

163

County

CUMBERLAND

Existing Population

5,699

Service Area

Township of Fairfield

Need for Project

The municipal landfill in Fairfield is generating leachate, which is impacting surface and ground water. The site adjoins a waterway known as Rattlesnake Gut, which flows directly into the Cohansey River. A capping system is needed to prevent further leachate impacts.

Project Description

The proposed project includes construction of fill and an impervious cap to prevent infiltration. Since the site adjoins an intermittent waterway, it may be necessary to remove some of the landfill adjacent to the stream for wetlands reclamation and buffering.

Anticipated Recipient	:	WHARTON BOROUGH			
Project No.	:	340489-03	Eligible Project Cost:	\$	599,302
FY04 Rank	:	164			
County	:	MORRIS	Total State Amount	:	\$ 599,302

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

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

State Planning Commission	0.00000
Population	0.00557
TOTAL POINTS	100.00557

Project Name, Number

WHARTON BOROUGH
340489-03
COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

164

County

MORRIS

Existing Population

5,570

Service Area

Borough of Wharton

Need for Project

The construction of sewers may be necessary for a small portion of the Township which is presently served by septic systems. Some of these septic systems have been malfunctioning, creating a public nuisance.

Project Description

This project involves the construction of a collection and interceptor system in a small portion of the Borough which would convey the waste- water to the Rockaway Valley Regional Sewerage Authority treatment plant. The facilities planning work is yet to be initiated.

Anticipated Recipient : BERLIN TOWNSHIP

Project No. : 340790-02

Eligible Project Cost: \$ 847,274

FY04 Rank : 165

County : CAMDEN

Total State Amount : \$ 847,274

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.00555

TOTAL POINTS100.00555

Project Name, Number

BERLIN TOWNSHIP
340790-02
COLLECTION SYSTEM

Priority List Rank

165

County

CAMDEN

Existing Population

5,550

Service Area

Berlin Township

Need for Project

At present there is no sewer service to the residents of Berlin Township. Well-drained, sandy soils and a shallow groundwater table increase the possibility of contamination to ground waters by individual septic tank disposal systems. In addition, contamination of the head waters of the Great Egg Harbor River (PL and FW2-NT) and nitrogen contamination of wells has been attributed to septic tank sources in Berlin Township. The systems are also creating a public nuisance.

Project Description

The proposed project consists of the construction of a new collection system of approximately 138,774 linear feet and four pumping stations. The collection system will connect to the regional CCMUA pumping station.

Anticipated Recipient : FRANKFORD TWP

Project No. : 340742-02

Eligible Project Cost: \$ 2,727,380

FY04 Rank : 166

County : SUSSEX

Total State Amount : \$ 2,727,380

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.00511

TOTAL POINTS100.00511

Project Name, Number

FRANKFORD TWP
340742-02
COLLECTION SYSTEM

Priority List Rank

166

County

SUSSEX

Existing Population

5,110

Service Area

Frankford Township

Need for Project

The Frankford Township area is currently relying on on-site septic disposal systems for the treatment of wastewater. Many of these existing systems appear inadequate. This is creating a public nuisance.

Project Description

This project is part of a wastewater treatment system to be developed by the Sussex County Municipal Utilities Authority, and consists of a proposed regional sewage treatment plant which will serve Frankford Township along with Branchville Borough. It includes the construction of a collection and interceptor system for the Frankford Township area.

Anticipated Recipient : MILLSTONE TOWNSHIP

Project No. : 343009-01Eligible Project Cost: \$ 11,714,265

FY04 Rank : 167

County : MONMOUTHTotal State Amount : \$ 11,714,265

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00507

TOTAL POINTS100.00507

Project Name, Number

MILLSTONE TOWNSHIP
343009-01
LAND ACQUISITION

Priority List Rank

167

County

MONMOUTH

Existing Population

5,069

Service Area

Township of Millstone

Need for Project

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

Project Description

The proposed project includes the purchase of land including the Chiusano, Palma, Dr. Sie, Smith and Maor tracts to preserve open space and to protect water quality.

Anticipated Recipient : EASTAMPTON TOWNSHIP

Project No. : 343026-01

Eligible Project Cost: \$ 3,997,392

FY04 Rank : 168

County : BURLINGTON

Total State Amount : \$ 3,997,392

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.00496
TOTAL POINTS	100.00496

Project Name, Number

EASTAMPTON TOWNSHIP
343026-01
LAND ACQUISITION

Priority List Rank

168

County

BURLINGTON

Existing Population

4,962

Service Area

Township of Eastampton

Need for Project

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

Project Description

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

Anticipated Recipient	:	BLAIRSTOWN TWP		
Project No.	:	340568-02	Eligible Project Cost:	\$ 1,512,694
FY04 Rank	:	169		
County	:	WARREN	Total State Amount	: \$ 1,512,694

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

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

III. WATER USE/WATER QUALITY POINTS

<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	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	0.00489
TOTAL POINTS	100.00489

Project Name, Number

BLAIRSTOWN TWP
340568-02
COLLECTION SYSTEM

Priority List Rank

169

County

WARREN

Existing Population

4,890

Service Area

Blairstown

Need for Project

Presently Blairstown Township has failing on-site wastewater disposal systems. There are documented failures in parts of the Township that may eventually pose health problems in the future. There are no public wastewater collection and treatment facilities in the study area but there are currently two privately owned and operated wastewater treatment plants: Blair Academy and N. Warren Regional High School

Project Description

This project (C340568-02) includes the construction of a collection system for the Village of Blairstown area. The sewage will be conveyed to and treated at the proposed regional STP.

Anticipated Recipient : DENVILLE TOWNSHIP

Project No. : 340466-03Eligible Project Cost: \$ 18,210,232

FY04 Rank : 170

County : MORRISTotal State Amount : \$ 18,210,232

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.00450
TOTAL POINTS	100.00450

Project Name, Number

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

Priority List Rank

170

County

MORRIS

Existing Population

4,500

Service Area

A segment of Denville Township.

Need for Project

The use of on-site systems is the primary method of wastewater disposal in the Township, however, it is causing a public nuisance. The on-site systems exhibit a high rate of malfunctions, which correspond to soils with severe limitations for on-site disposal as determined by the Soil Conservation Service.

Project Description

This project is for the first segment of sewerage the entire Township. This segment is for the construction of approximately 68,000 L.F. of 8-inch to 14-inch gravity sewers, 2 pump stations and approximately 12,000 L.F. of 6-inch and 10-inch force main. Wastewater from the Township will be conveyed to the existing Rockaway Valley Regional Sewage Authority Treatment Plant for ultimate disposal.

Anticipated Recipient : HAMMONTON TOWN

Project No. : 340927-03

Eligible Project Cost: \$ 4,983,647

FY04 Rank : 171

Total State Amount : \$ 4,983,647

County : ATLANTIC

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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>				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	0.00270
TOTAL POINTS	100.00270

Project Name, Number

HAMMONTON TOWN
340927-03
COLLECTION SYSTEM

Priority List Rank

171

County

ATLANTIC

Existing Population

2,700

Service Area

Southwest/Southeast portions of Hammonton

Need for Project

Residents in the area have expressed problems with failing septic systems and individual potable water supply well contamination. This project will also assist residents who have lost the use of their land due to the septic nitrate regulations of the Pinelands Commission. The increased amount of customers will assist the sewer user base and help to reduce the overall user cost for everyone on line.

Project Description

The project consists of replacement of existing sewer interceptors and the construction of new interceptors, pump station, force mains and sewer collection mains. Although the projects are not contiguous, the type of work and benefits derived will be similar.

The Southeast Hammonton area will consist of the placement of a 12" sanitary sewer trunk line within the rights-of-way of Thirteenth Street, Egg Harbor Road and Fourteenth Street. Eight (8) inch collector sewer lines will be installed within the remaining roadways of this project area.

The Southeast Hammonton area will consist of the placement of a 12 inch sanitary sewer trunk line within Park Avenue, easement areas, Grand Street and through a portion of the Fox Chase Development. A 10" line will be installed along Ninth Street and a portion of Tenth Street. The remaining streets in this area will be serviced with an 8 inch sanitary sewer. It is also anticipated that an upgrade of the existing pump station located on Park Avenue will have to be completed or a new station installed on Grand Street at the low point to service this area.

Anticipated Recipient : PEAPACK & GLADSTONE BOROUGH

Project No. : 343049-01Eligible Project Cost: \$ 1,054,062

FY04 Rank : 172

County : SOMERSETTotal State Amount : \$ 1,054,062

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00243

TOTAL POINTS100.00243

Project Name, Number

PEAPACK & GLADSTONE BOROUGH
343049-01
LAND ACQUISITION

Priority List Rank

172

County

SOMERSET

Existing Population

2,433

Service Area

Borough of Peapack & Gladstone

Need for Project

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

Project Description

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

Anticipated Recipient : RIVERDALE BOROUGH

Project No. : 340729-01Eligible Project Cost: \$ 1,744,301

FY04 Rank : 173

County : MORRISTotal State Amount : \$ 1,744,301

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.00242

TOTAL POINTS100.00242

Project Name, Number

RIVERDALE BOROUGH
340729-01
COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

173

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. : 340473-01Eligible Project Cost: \$ 4,345,404

FY04 Rank : 174

County : MORRISTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.00241

TOTAL POINTS100.00241

Project Name, Number

RIVERDALE BOROUGH
340473-01
INTERCEPTOR

Priority List Rank

174

County

MORRIS

Existing Population

2,410

Service Area

The service area consists of the Borough of Riverdale.

Need for Project

The area is served entirely by individual septic systems discharging to the groundwater table. Failures appear to be contributing to surface and subsurface pollution of the ground and groundwater, posing a potential health problem and public nuisance.

Project Description

The project consists of construction of an interceptor sewer to provide a complete collection system for the major part of the Borough. This will significantly reduce the potential for water pollution from malfunctioning septic systems and reduce the public health hazard. The project report work has not yet been initiated.

Anticipated Recipient : MAHWAH TOWNSHIP

Project No. : 340592-06

Eligible Project Cost: \$ 5,532,128

FY04 Rank : 175

County : BERGEN

Total State Amount : \$ 5,532,128

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.00235

TOTAL POINTS100.00235

Project Name, Number

MAHWAH TOWNSHIP
340592-06
COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

175

County

BERGEN

Existing Population

2,350

Service Area

Portion of the Township of Mahwah

Need for Project

The area is currently served by septic systems; failures appear to be contributing to the pollution of groundwater, a potable water source, however this has yet to be documented. This could result in health problems in the community. The project would also convey wastewater from package plants in the Township.

Project Description

The project involves construction of collection system to serve Craigmere and Oak Hills sections of Mahwah Township. The wastewater will be conveyed through the Northwest Bergen County Sewer Authority interceptors and then to the treatment plant in Waldwick. The facilities plan work has not been submitted by the Township.

Anticipated Recipient	:	OXFORD TOWNSHIP			
Project No.	:	340445-02	Eligible Project Cost:	\$	183,343
FY04 Rank	:	176			
County	:	WARREN	Total State Amount	:	\$ 183,343

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

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

State Planning Commission	0.00000
Population	0.00231
TOTAL POINTS	100.00231

Project Name, Number

OXFORD TOWNSHIP
340445-02
COLLECTION SYSTEM

Priority List Rank

176

County

WARREN

Existing Population

2,307

Service Area

Township of Oxford

Need for Project

The lots in the project area are very small and most have cess pools. A ground-water problem is causing many of the on-site systems to fail.

Project Description

The proposed project includes the construction of approximately 550 feet of eight-inch sanitary sewer line with manholes and service connections to 12 properties.

Anticipated Recipient : EVESHAM MUA

Project No. : 340838-01

Eligible Project Cost: \$ 3,665,234

FY04 Rank : 177

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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>				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	0.00210
TOTAL POINTS	100.00210

Project Name, Number

EVESHAM MUA
340838-01
ALTERNATIVE WASTEWATER SYSTEM

Priority List Rank

177

County

BURLINGTON

Existing Population

2,100

Service Area

Highly dispersed areas of Evesham Township including the Marlton Lakes area.

Need for Project

The Marlton Lakes area of Evesham Township has experienced on-site disposal problems for the past seven years. Monitoring of potable water wells has shown high nitrate readings and the lake has shown indications of eutrophication from elevated nitrate levels. Approximately 850 developed properties exist in the southern two thirds of the Township, with about 40% concentrated in the Marlton Lakes area. A review of the more concentrated areas of development shows that on-site systems are located on Lakewood and Evesboro soils that have severe limitations for septic systems due to high permeability. Many homes in the highly dispersed areas of the Township have also experienced on-site disposal problems. In the northern portions of the Township, outside of the existing sewer service areas, many homes experiencing problems are located on Kresson and Marlton soils, having severe limitation for on-site disposal due to poor permeability.

Project Description

The recommended plan for wastewater management for southern Evesham Township has been divided into two regions based primarily on the need for wastewater management and population density:

- o Marlton Lakes Community: Small Diameter/STEP sewer system with centralized wastewater treatment utilizing the Carrousel process followed by effluent disposal in a series of Rapid Infiltration basins.
- o Remainder of Southern Evesham Township: Privately owned publicly managed septic system management district entailing periodic septic tank pump-out and septic system inspection. Pump-out and maintenance/repair costs would be the responsibility of the owner.

Anticipated Recipient : KINNELON BOROUGH

Project No. : 340487-02Eligible Project Cost: \$ 9,964,412

FY04 Rank : 178

County : MORRISTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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>	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 Commission0.00000

Population0.00170

TOTAL POINTS100.00170

Project Name, Number

KINNELON BOROUGH
340487-02
COLLECTION SYSTEM

Priority List Rank

178

County

MORRIS

Existing Population

1,700

Service Area

A portion of the Borough of Kinnelon

Need for Project

The Borough has proposed the construction of a collection system for a small area of the Borough where on-site disposal systems have been experiencing problems and have malfunctioned. Water quality standards are currently marginally meeting fecal coliform and nutrients.

Project Description

It is anticipated that this project will be for the construction of one pump station, force main, and approximately 48,000 L.F. of gravity sewer. The Borough of Kinnelon has become a member of the Pequannock River Basin Regional Sewerage Authority (PRBRSA) (January 1, 1991). The project would connect to a PRBRSA interceptor at the Butler/Kinnelon boundary and all wastewater would be discharged to the Pequannock-Lincoln Park-Fairfield Sewerage Authority for treatment.

Anticipated Recipient : ESTELL MANOR CITY

Project No. : 342002-01Eligible Project Cost: \$ 1,572,251

FY04 Rank : 179

County : ATLANTICTotal State Amount : \$ 1,572,251

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00140

TOTAL POINTS100.00140

Project Name, Number

ESTELL MANOR CITY
342002-01
LANDFILL CLOSURE

Priority List Rank

179

County

ATLANTIC

Existing Population

1,404

Service Area

City of Estell Manor

Need for Project

The municipal landfill in Estell Manor is generating leachate which could impact ground water. A capping system is needed to prevent further potential leachate impacts.

Project Description

The proposed project includes construction a geomembrane impervious cap over an 8-acre area to prevent infiltration.

Anticipated Recipient : PEQUANNOCK TOWNSHIP

Project No. : 340480-06

Eligible Project Cost: \$ 9,333,821

FY04 Rank : 180

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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>	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 Commission0.00000

Population0.00134

TOTAL POINTS100.00134

Project Name, Number

PEQUANNOCK TOWNSHIP
340480-06
COLLECTION SYSTEM

Priority List Rank

180

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. : 340930-01Eligible Project Cost: \$ 3,335,192

FY04 Rank : 181

County : GLOUCESTERTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.00131

TOTAL POINTS100.00131

Project Name, Number

WASHINGTON TOWNSHIP
340930-01
COLLECTION SYSTEM

Priority List Rank

181

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. : 340650-06Eligible Project Cost: \$ 3,340,073

FY04 Rank : 182

County : OCEANTotal State Amount : \$ 3,340,073

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.00128
TOTAL POINTS	100.00128

Project Name, Number

MANCHESTER TOWNSHIP
340650-06
PUMP STATION, FORCE MAIN

Priority List Rank

182

County

OCEAN

Existing Population

1,280

Service Area

Holly Oaks/Knollwoods area of the Manchester Township

Need for Project

The tremendous rate of growth in the area, coupled with an increasing number of septic tanks, has placed a severe strain on the very permeable sandy soils to adequately treat the domestic wastewater. Because of a generally high groundwater table and the high percentage of septic system failures, pollution of the groundwater and surface water is suspected. Also, the current septic tank problems pose a potential threat to the health of local residents. Therefore, a proper sewage disposal system is necessary.

Project Description

The project is for the construction of two pump stations and approximately 8 miles of force mains and gravity sewers with diameters ranging from 6 inches to 12 inches. The wastewater will be conveyed to the existing 42-inch diameter Union Branch Interceptor owned and operated by the Ocean County Utilities Authority (OCUA). The wastewater will be treated at the OCUA's Central Plant located in Bayville for secondary treatment with effluent disposal to the Atlantic Ocean.

Anticipated Recipient : RARITAN TOWNSHIP MUA

Project No. : 340485-04Eligible Project Cost: \$ 8,583,061

FY04 Rank : 183

County : HUNTERDONTotal State Amount : \$ 8,583,061

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.00114

TOTAL POINTS100.00114

Project Name, Number

RARITAN TOWNSHIP MUA

340485-04

ALTERNATIVE COLLECTION/SYSTEMS

County

HUNTERDON

Existing Population

1,140

Service Area

Raritan Township

Need for Project

This project is proposed for the elimination of malfunctioning septic systems. Existing water quality in the area does not meet standards for dissolved oxygen and fecal coliform and marginally meets standards for nutrient and toxics.

Project Description

According to the 201 Facilities Plan for the Middle South Branch of the Raritan River, collection systems were proposed for Sand Hill Road, Sunny Hills Estates, Old Craton Road, Raritan Gardens, Broad Acres and Ridge Road areas, individual & mound systems for the Deerpath Village and Southridge areas, and a STEP system for Bridgeview Estates. The septic tank effluent from the effluent collectors and STEP System will be treated at the Raritan Township MUA.

Priority List Rank

183

Anticipated Recipient	:	UPPER TWP (STRATHMERE)			
Project No.	:	340619-03	Eligible Project Cost:	\$	2,326,681
FY04 Rank	:	184			
County	:	CAPE MAY	Total State Amount	:	\$ 2,326,681

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

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

III. WATER USE/WATER QUALITY POINTS

<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	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	0.00091
TOTAL POINTS	100.00091

Project Name, Number

Priority List Rank

UPPER TWP (STRATHMERE)

184

340619-03

COLLECTION SYSTEM, INTERCEPTOR

County

CAPE MAY

Existing Population

910

Service Area

Strathmere Section of Upper Township

Need for Project

This project is proposed for the elimination of public nuisance associated with ground and surface water pollution possibly resulting from malfunctioning individual on-site wastewater treatment systems. The Strathmere section of Upper Township is a recreational island community characterized by high summer population densities and high groundwater levels.

Project Description

Upper Township proposes the planning, design and construction of a new sanitary sewage collection and interceptor system for the elimination of the existing improperly operating on-site systems. Wastes collected in this system will be pumped into the Avalon system for transmission to the proposed 7.67 mgd Seven Mile/Middle regional treatment facility. The collection and treatment of wastes generated by the Strathmere section of Upper Township were included in the Seven Mile/Middle regional plans.

Anticipated Recipient : PEQUANNOCK TOWNSHIP

Project No. : 340480-05

Eligible Project Cost: \$ 6,403,679

FY04 Rank : 185

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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>	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 Commission0.00000

Population0.00086

TOTAL POINTS100.00086

Project Name, Number

PEQUANNOCK TOWNSHIP
340480-05
COLLECTION SYSTEM

Priority List Rank

185

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. : 340740-02Eligible Project Cost: \$ 2,584,971

FY04 Rank : 186

County : SUSSEXTotal State Amount : \$ 2,584,971

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.00085

TOTAL POINTS100.00085

Project Name, Number

BRANCHVILLE BOROUGH
340740-02
COLLECTION SYSTEM

Priority List Rank

186

County

SUSSEX

Existing Population

850

Service Area

Branchville

Need for Project

The Branchville area is currently relying on on-site septic disposal systems for the treatment of wastewater. Many of these existing systems appear inadequate and are becoming a public nuisance.

Project Description

This project is part of a wastewater treatment system to be developed by the Sussex County Municipal Utilities Authority and consists of a proposed regional sewage treatment plant which will serve Frankford Township along with Branchville Borough. It includes the construction of a collection and interceptor system for the Branchville Borough area.

Anticipated Recipient : SOUTHAMPTON TOWNSHIP

Project No. : 340961-01

Eligible Project Cost: \$ 2,459,208

FY04 Rank : 187

County : BURLINGTON

Total State Amount : \$ 2,459,208

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.00081

TOTAL POINTS100.00081

Project Name, Number

SOUTHAMPTON TOWNSHIP

340961-01

SEWER SYSTEM, FORCE MAIN

County

BURLINGTON

Priority List Rank

187

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. : 340892-02Eligible Project Cost: \$ 5,700,971

FY04 Rank : 188

County : ATLANTICTotal State Amount : \$ 5,700,971

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.00080

TOTAL POINTS100.00080

Project Name, Number

GALLOWAY TOWNSHIP
340892-02
COLLECTION SYSTEM

Priority List Rank

188

County

ATLANTIC

Existing Population

800

Service Area

South Egg Harbor City

Need for Project

The present disposal system for the area is a septic system, which is failing and may pose a threat to health and may also contaminate surface and groundwaters.

The Pinelands Commission has recently adopted a new ordinance that affects this area. The zoning of the South Egg Harbor City Section of the Township reflects this change and conforms to the Pinelands comprehensive management plan.

Project Description

The proposed sanitary sewer extension project consists of approximately 60,000 linear feet of 8-inch, 10-inch, or 12-inch diameter gravity sanitary sewer lines to service the existing population of the area. The system is designed to consist of 231 unsewered dwelling units (@ 3.5 persons per dwelling unit).

Two pumping stations will also be necessary. One is planned to be located along Pittsburg Avenue, the other along Bella Donna Street.

The wastewater flow from this area will be conveyed via the ACUA Pomona Pump Station to the ACUA Coastal Plant for secondary treatment, with effluent discharge to the Atlantic Ocean.

Anticipated Recipient	:	NORTH ARLINGTON BOROUGH			
Project No.	:	340959-02	Eligible Project Cost:	\$	708,917
FY04 Rank	:	189			
County	:	BERGEN	Total State Amount	:	\$ 708,917

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

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

189

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. : 340831-01Eligible Project Cost: \$ 2,702,506

FY04 Rank : 190

County : BURLINGTONTotal State Amount : \$ 2,702,506

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.00062

TOTAL POINTS100.00062

Project Name, Number

SHAMONG TWP
340831-01
ALTERNATIVE WASTEWATER SYSTEM

Priority List Rank

190

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. : 340271-01Eligible Project Cost: \$ 3,340,073

FY04 Rank : 191

County : SOMERSETTotal State Amount : \$ 3,340,073

I. APPROVED WATERSHED PLAN

Possible Points

Points Scored

200

0

II. PROJECT DISCHARGE TYPE

Possible Points

Points Scored

CSO Abatement

250

0

I/I Correction-Overflow

250

0

Treatment Plant Improvements

150

0

Sludge Disposal/Treatment

100

0

Corrective Systems

50

50

I/I Correction

50

0

Stormwater/NPS Management

50-100

0

Subtotal

50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use

Possible Points

Points Scored

Potable Water Supply

200

0

Shellfish

125

0

Recreation(Primary Contact)

125

0

Freshwater Fisheries(Trout/NonTrout)

75/25

0

Public Nuisance(On Site Systems Only)

50

50

Agriculture Water Use

25

0

Industrial Water Use

25

0

Subtotal

50

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.00055

TOTAL POINTS100.00055

Project Name, Number

MILLSTONE BOROUGH
340271-01
COLLECTION SYSTEM

Priority List Rank

191

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. : 340836-01Eligible Project Cost: \$ 2,089,419

FY04 Rank : 192

County : MIDDLESEXTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.00045

TOTAL POINTS100.00045

Project Name, Number

PLAINSBORO TOWNSHIP
340836-01
COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

192

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 : FRANKLIN TWP SA (SOMERSET CO.)

Project No. : 340839-01

Eligible Project Cost: \$ 1,589,512

FY04 Rank : 193

County : SOMERSET

Total State Amount : \$ 1,589,512

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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	0.00042
TOTAL POINTS	100.00042

Project Name, Number

FRANKLIN TWP SA (SOMERSET CO.)
340839-01
PUMP STATION IMPROVEMENT, INTERCEPTOR, FORCE

Priority List Rank

193

County

SOMERSET

Existing Population

420

Service Area

East Millstone Section (120 homes) of Franklin Township

Need for Project

East Millstone section of Franklin Township has been experiencing on-site disposal problems due to high groundwater and shallow depth to bed rock. In addition, problems experienced in the development appear to be associated with smaller lots and soil constraints. In the 1800's and early 1900's, these limitations were overcome by discharging septic tank effluent directly into the Delaware and Raritan Canal which is now a major source of potable water for surrounding areas. Some of these connections may still exist today. Overflow from failed systems run into the canal. A preliminary survey revealed several failed septic systems in this section.

Project Description

The proposed project will include the construction of a new pump station, upgrading an existing pump station, and construction of approximately 8,700 LF of 8-inch gravity sewer and 9,000 LF of force main.

Anticipated Recipient	:	CLAYTON BOROUGH(SILVER LAKE)			
Project No.	:	340918-01	Eligible Project Cost:	\$	1,162,637
FY04 Rank	:	194			
County	:	GLOUCESTER	Total State Amount	:	\$ 1,162,637

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

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

III. WATER USE/WATER QUALITY POINTS

<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	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	0.00041
TOTAL POINTS	100.00041

Project Name, Number

CLAYTON BOROUGH(SILVER LAKE)
340918-01
COLLECTION SYSTEM

Priority List Rank

194

County

GLOUCESTER

Existing Population

410

Service Area

Silver Lake Area of Clayton

Need for Project

There are 105 homes within the proposed service area (Silver Lake) which have experienced problems and/or failures with their individual disposal systems. This situation has created a public nuisance.

Project Description

The proposed project is for the construction of collector sewers for the Silver Lake service area to the existing 8" gravity system on Bernard Street. The wastewater will be conveyed via an existing Gloucester County Utilities Authority interceptor to the regional plant in Paulsboro for treatment.

Anticipated Recipient : PENNSVILLE SA

Project No. : 340870-01

Eligible Project Cost: \$ 2,157,878

FY04 Rank : 195

County : SALEM

Total State Amount : \$ 2,157,878

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

<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	0.00040
TOTAL POINTS	100.00040

Project Name, Number

PENNSVILLE SA
340870-01
COLLECTION SYSTEM

Priority List Rank

195

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. : 340833-01Eligible Project Cost: \$ 721,335

FY04 Rank : 196

County : ATLANTICTotal State Amount : \$ 721,335

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.00035

TOTAL POINTS100.00035

Project Name, Number

BUENA BOROUGH MUA
340833-01
COLLECTION SYSTEM, STP

Priority List Rank

196

County

ATLANTIC

Existing Population

350

Service Area

Borough of Buena

Need for Project

A high water table and poor soil conditions contribute to the failure of the existing on-site systems. Continued reliance on inadequate systems may degrade groundwater quality in the area. In addition, the potential for ponding septage and other problems associated with system failure may create a public health problem.

Project Description

The project report will evaluate all feasible collection and on-site treatment alternatives in order to determine the most cost-effective and environmentally acceptable alternative to treat wastewater in those areas of Buena which are presently unsewered.

Anticipated Recipient : PEQUANNOCK TOWNSHIP

Project No. : 340480-03

Eligible Project Cost: \$ 1,645,877

FY04 Rank : 197

Total State Amount : \$ 1,645,877

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

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

State Planning Commission	0.00000
Population	0.00018
TOTAL POINTS	100.00018

Project Name, Number

PEQUANNOCK TOWNSHIP
340480-03
COLLECTION SYSTEM

Priority List Rank

197

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. : 340594-02Eligible Project Cost: \$ 4,245,681

FY04 Rank : 198

County : MORRISTotal State Amount : \$ 4,245,681

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	0.00000
Population	0.00014
TOTAL POINTS	100.00014

Project Name, Number

LINCOLN PARK BOROUGH
340594-02
COLLECTION SYSTEM

Priority List Rank

198

County

MORRIS

Existing Population

140

Service Area

Borough of Lincoln Park (portion)

Need for Project

There are approximately 67 homes within the proposed service area (Jacksonville Road) which have experienced problems and/or failures with their individual disposal systems. This has created a public nuisance.

Project Description

This project is for the construction of a pump station, force main, interceptor and collector sewers for this service area. These facilities will convey the Borough's wastewater to an existing interceptor of the Pequannock, Fairfield and Lincoln Park Sewerage Authority (TBSA) for ultimate disposal at the existing TBSA's treatment plant. This project is presently in the facilities planning stage.

Anticipated Recipient	:	WOODBIDGE TOWNSHIP			
Project No.	:	340433-08	Eligible Project Cost:	\$	36,885
FY04 Rank	:	199			
County	:	MIDDLESEX	Total State Amount	:	\$ 36,885

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

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

III. WATER USE/WATER QUALITY POINTS

<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	50

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

State Planning Commission	0.00000
Population	0.00002
TOTAL POINTS	100.00002

Project Name, Number

WOODBIDGE TOWNSHIP
340433-08
COLLECTION SYSTEM

Priority List Rank

199

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 : SUSSEX COUNTY MUA

Project No. : 342008-03

Eligible Project Cost: \$ 6,614,815

FY04 Rank : 200

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	75
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.14417

TOTAL POINTS75.14417

Project Name, Number

SUSSEX COUNTY MUA
342008-03
LANDFILL CELL

Priority List Rank

200

County

SUSSEX

Existing Population

144,166

Service Area

Sussex County

Need for Project

Landfill leachate contains pollutants that can contaminate water sources and make it unsafe. The County proposes to install a landfill liner system to contain leachate preventing it from contaminating the ground water.

Project Description

The proposed project consists of the construction of a landfill liner system consisting of excavation to design subgrade elevations, a secondary containment layer, a secondary drainage layer, a primary containment layer, a primary drainage layer, aggregate layer for protection of drainage layer, and leachate collection and conveyance facilities.

Anticipated Recipient : CAMDEN CITY

Project No. : 340366-05Eligible Project Cost: \$ 6,614,815

FY04 Rank : 201

County : CAMDENTotal State Amount : \$ 6,614,815

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	25
	Subtotal	25

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission50.00000

Population0.07990

TOTAL POINTS75.07990

Project Name, Number

CAMDEN CITY
340366-05
WELL SEALING

Priority List Rank

201

County

CAMDEN

Existing Population

79,904

Service Area

City of Camden

Need for Project

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

Project Description

The proposed project includes the sealing of approximately 170 improperly abandoned wells at various locations within the City of Camden and at the Delair Wellfield, the North and South Morris Wellfield, and the Puchack Wellfield.

Anticipated Recipient : LONG BRANCH SA

Project No. : 340336-05

Eligible Project Cost: \$ 1,396,910

FY04 Rank : 202

County : MONMOUTH

Total State Amount : \$ 1,396,910

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission25.000000

Population0.02866

TOTAL POINTS75.02866

Project Name, Number

LONG BRANCH SA
340336-05
I/C ABATEMENT

Priority List Rank

202

County

MONMOUTH

Existing Population

28,660

Service Area

City of Long Branch

Need for Project

To reduce elevated levels of bacteria in stormwater discharges to coastal waters.

Project Description

To eliminate cross-connections between sanitary and storm sewers by replacing portions of sewers, sealing manholes, and sealing leaks.
To eliminate interconnections due to leaks, flows, or overflows from the sanitary sewer system.

Anticipated Recipient : GALLOWAY TOWNSHIP

Project No. : 340892-03

Eligible Project Cost: \$ 9,008,725

FY04 Rank : 203

Total State Amount : \$ 9,008,725

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

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	25
	Subtotal	75

III. WATER USE/WATER QUALITY POINTS

<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	0.02333
TOTAL POINTS	75.02333

Project Name, Number

GALLOWAY TOWNSHIP
340892-03
STORMWATER

Priority List Rank

203

County

ATLANTIC

Existing Population

23,330

Service Area

The Pinehurst section of Galloway

Need for Project

A storm drainage system is necessary to alleviate problems caused by flooding during storm events. A collection system is needed to service existing problem areas.

Project Description

The proposed project includes construction of a storm drainage system consisting of interconnected inlets with perforated pipe discharges into strategically placed detention basins. An 8" PVC gravity collection system will be constructed to connect to existing lines.

Anticipated Recipient : MORRISTOWN TOWN

Project No. : 340376-04

Eligible Project Cost: \$ 8,621,779

FY04 Rank : 204

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

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

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

State Planning Commission	25.00000
Population	0.01679
TOTAL POINTS	75.01679

Project Name, Number

MORRISTOWN TOWN
340376-04
I/I CORRECTION

Priority List Rank

204

County

MORRIS

Existing Population

16,790

Service Area

Town of Morristown

Need for Project

An Infiltration/Inflow (I/I) analysis has concluded that excessive I/I exists within the town's sewer system. Additional studies are underway to further define the quantity of excessive I/I and to propose an I/I correction program to eliminate a portion of the excessive I/I.

Project Description

This proposed project will be for the minor rehabilitation of sections of sanitary sewer pipe, grouting of sewer lines, grouting and sealing leaking manholes and repair or adjustments of defective manholes.

Anticipated Recipient	:	DOVER TOWN			
Project No.	:	340889-01	Eligible Project Cost:	\$	935,648
FY04 Rank	:	205			
County	:	MORRIS	Total State Amount	:	\$ 935,648

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

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

III. WATER USE/WATER QUALITY POINTS

<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	25.00000
Population	0.01441
TOTAL POINTS	75.01441

Project Name, Number

DOVER TOWN
340889-01
I/I CORRECTION

Priority List Rank

205

County

MORRIS

Existing Population

14,410

Service Area

Town of Dover

Need for Project

The Rockaway Valley Regional Sewerage Authority Infiltration/Inflow (I/I) Analysis and Sewer System Evaluation Survey identified excessive I/I in this municipality's sewer system.

Project Description

The excessive I/I will be removed by grouting, slip lining, and other minor rehabilitation procedures.

Anticipated Recipient : WILDWOOD CITY

Project No. : 340664-03

Eligible Project Cost: \$ 3,032,199

FY04 Rank : 206

Total State Amount : \$ 3,032,199

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

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

III. WATER USE/WATER QUALITY POINTS

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

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

State Planning Commission	25.00000
Population	0.00544
TOTAL POINTS	75.00544

Project Name, Number

WILDWOOD CITY
340664-03
SEWER REHABILITATION

Priority List Rank

206

County

CAPE MAY

Existing Population

5,436

Service Area

City of Wildwood

Need for Project

The existing collection system serving the City is very old, and is subject to an extreme amount of I/I. Rehabilitation of the entire sanitary sewer system is necessary to prevent groundwater from seeping in and sewage from seeping into the groundwater.

Project Description

This proposed project will be for an I/I correction program to eliminate the portion of I/I that is excessive and detrimental to the existing collection system. In some cases minor replacement may be necessary.

Anticipated Recipient : WILDWOOD CITY

Project No. : 340664-02

Eligible Project Cost: \$ 2,492,677

FY04 Rank : 207

Total State Amount : \$ 2,492,677

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

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

III. WATER USE/WATER QUALITY POINTS

<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	25.00000
Population	0.00448
TOTAL POINTS	75.00448

Project Name, Number

WILDWOOD CITY
340664-02
STORM SEWER REHABILITATION

Priority List Rank

207

County

CAPE MAY

Existing Population

4,480

Service Area

Cresse Avenue to 26th Street Beaches, City of Wildwood

Need for Project

The sand on the Wildwood beach has accreted approximately 1,700 feet since 1950, creating a beach front that is over a quarter mile from the Boardwalk to the water's edge. The existing outfall lines no longer extend far enough out into the ocean. Storm drain runoff, containing animal and bird excrement, washes back onto our bathing beaches. High fecal coliform counts, detected in the weekly sampling conducted by the Cape May County Health Department each summer, has confirmed unsafe condition and has resulted in beach closing. Ponding of this contaminated water occurs at the terminus of the outfall lines after each rain and the area must be plowed and leveled. The health and safety of the beach bathers have been imperiled and the beach closings produce a tremendous negative impact on tourism for many weeks thereafter.

Project Description

The ten (10) outfall lines will be retrenched, and pilings and cross-beams will be installed to support and contain the lines with 1,400 foot extensions. Trenches for the extensions will be dug during the low tide and the entire line will be re-covered with the accumulated sand.

Anticipated Recipient : WILDWOOD CREST BOROUGH

Project No. : 340719-02Eligible Project Cost: \$ 4,653,327

FY04 Rank : 208

County : CAPE MAYTotal State Amount : \$ 4,653,327

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	25.00000
Population	0.00398
TOTAL POINTS	75.00398

Project Name, Number

WILDWOOD CREST BOROUGH
340719-02
SEWER REHABILITATION

Priority List Rank

208

County

CAPE MAY

Existing Population

3,980

Service Area

Borough of Wildwood Crest

Need for Project

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

Project Description

The proposed project includes the replacement of vitrified clay pipes.

Anticipated Recipient : WEST WILDWOOD BOROUGH

Project No. : 340626-03

Eligible Project Cost: \$ 564,453

FY04 Rank : 209

County : CAPE MAY

Total State Amount : \$ 564,453

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission25.00000

Population0.00037

TOTAL POINTS75.00037

Project Name, Number

WEST WILDWOOD BOROUGH
340626-03
I/I CORRECTION

Priority List Rank

209

County

CAPE MAY

Existing Population

370

Service Area

West Wildwood Borough

Need for Project

The West Wildwood sewer collection system is possibly subjected to excessive amounts of infiltration/inflow. Extensive use of six inch diameter pipes, very flat slopes, high groundwater, grease and detergent buildups as well as sand infiltration all contribute to the excessive I/I.

Project Description

The rehabilitation measures proposed in alleviating the excessive I/I and unclogging the system include: cleaning, internal inspection, repair and/or replacement of damaged or deteriorated sewer pipe, manholes and house laterals.

Anticipated Recipient : MILLVILLE CITY

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

FY04 Rank : 210

County : CUMBERLANDTotal State Amount : \$ 8,557,247

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	25.00000
Population	0.00000
TOTAL POINTS	75.00000

Project Name, Number

Priority List Rank

MILLVILLE CITY

210

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 : METUCHEN BOROUGH

Project No. : 340360-01Eligible Project Cost: \$ 3,734,892

FY04 Rank : 211

County : MIDDLESEXTotal State Amount : \$ 3,734,892

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	15.00000
Population	0.01280
TOTAL POINTS	65.01280

Project Name, Number

METUCHEN BOROUGH
340360-01
I/I CORRECTION

Priority List Rank

211

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 : TOTOWA BOROUGH

Project No. : 340778-01Eligible Project Cost: \$ 985,189

FY04 Rank : 212

County : PASSAICTotal State Amount : \$ 985,189

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	15.00000
Population	0.01119
TOTAL POINTS	65.01119

Project Name, Number

TOTOWA BOROUGH
340778-01
I/I CORRECTION

Priority List Rank

212

County

PASSAIC

Existing Population

11,190

Service Area

Totowa Borough

Need for Project

The Township's sewer system contains excessive infiltration/inflow (I/I) as documented by the I/I analysis. Additional studies will estimate the quantity of I/I in the system to eliminate a portion of excessive I/I.

Project Description

This project is for the I/I correction of Totowa Borough's existing sewer system to eliminate a portion of infiltration/inflow that is excessive. The project will be for the minor rehabilitation of sections of sanitary sewer pipe including grouting, sealing, and repair of defective manholes.

Anticipated Recipient : TOTOWA BOROUGH

Project No. : 340778-04

Eligible Project Cost: \$ 420,000

FY04 Rank : 212

County : PASSAIC

Total State Amount : \$ 420,000

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

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

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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	15.00000
Population	0.01119
TOTAL POINTS	65.01119

Project Name, Number

TOTOWA BOROUGH
340778-04
FORCE MAIN

Priority List Rank

212

County

PASSAIC

Existing Population

11,190

Service Area

Borough of Totowa

Need for Project

The proposed project will connect 214 homes to the Borough's wastewater system.

Project Description

The proposed project consists of the construction of approximately 3,200 linear feet of sanitary sewer force main to connect a collection system for 214 homes to the Borough's main conveyance system.

Anticipated Recipient : FREEHOLD BOROUGH

Project No. : 340304-02Eligible Project Cost: \$ 430,399

FY04 Rank : 214

County : MONMOUTHTotal State Amount : \$ 430,399

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission15.00000

Population0.01098

TOTAL POINTS65.01098

Project Name, Number

FREEHOLD BOROUGH
340304-02
SEWER REHABILITATION

Priority List Rank

214

County

MONMOUTH

Existing Population

10,976

Service Area

Borough of Freehold

Need for Project

The Borough's gravity sewer system is over 50 years old and experiences I/I within the system.

Project Description

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

Anticipated Recipient	:	BOUND BROOK BOROUGH			
Project No.	:	340295-01	Eligible Project Cost:	\$	218,940
FY04 Rank	:	215			
County	:	SOMERSET	Total State Amount	:	\$ 218,940

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

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

III. WATER USE/WATER QUALITY POINTS

<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	15.00000
Population	0.01016
TOTAL POINTS	65.01016

Project Name, Number

BOUND BROOK BOROUGH
340295-01
SEWER REHABILITATION

Priority List Rank

215

County

SOMERSET

Existing Population

10,155

Service Area

Borough of Bound Brook

Need for Project

The clay tile mains on Vosseller Ave., Union Ave., Church St., Wahneta Dr., and Watchung Rd. leak at the joints causing infiltration during wet weather and exfiltration during dry weather, which seeps into the Raritan River.

Project Description

The proposed project includes replacing the existing mains, manholes, and laterals to the right-of-way.

Anticipated Recipient : BERNARDSVILLE BOROUGH

Project No. : 340816-03Eligible Project Cost: \$ 1,135,113

FY04 Rank : 216

County : SOMERSETTotal State Amount : \$ 1,135,113

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	15.00000
Population	0.00668
TOTAL POINTS	65.00668

Project Name, Number

BERNARDSVILLE BOROUGH
340816-03
I/I CORRECTION

Priority List Rank

216

County

SOMERSET

Existing Population

6,680

Service Area

Borough of Bernardsville

Need for Project

Based on an infiltration/inflow analysis sponsored by the Somerset County Planning Board, the Upper Raritan Watershed Wastewater Facilities Plan recommends a Sewer System Evaluation Survey (SSES) be performed on the Bernardsville sewer system.

Project Description

The SSES will include a physical survey of the Bernardsville sewer system, including manhole inspections and flow inspection (measurement of sewage flows in isolated reaches of pipe), rainfall simulation and smoke testing, building inspection of units suspected of contributing inflow to the sanitary sewers, and television inspection. I/I correction in accordance with the recommendations of the SSES will follow.

Anticipated Recipient	:	BERNARDSVILLE BOROUGH			
Project No.	:	340816-04	Eligible Project Cost:	\$	646,588
FY04 Rank	:	216			
County	:	SOMERSET	Total State Amount	:	\$ 646,588

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

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

III. WATER USE/WATER QUALITY POINTS

<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	15.00000
Population	0.00668
TOTAL POINTS	65.00668

Project Name, Number

BERNARDSVILLE BOROUGH
340816-04
SEWER REHABILITATION

Priority List Rank

216

County

SOMERSET

Existing Population

6,680

Service Area

Borough of Bernardsville

Need for Project

An existing six-inch asbestos cement pipe force main continuously breaks causing the release of untreated sewage onto Borough streets.

Project Description

The proposed project includes the replacement of approximately 3,500 feet of existing six inch asbestos cement force main with new six-inch high-density polyethylene pipe.

Anticipated Recipient : CAPE MAY CITY

Project No. : 340258-01

Eligible Project Cost: \$ 360,245

FY04 Rank : 218

County : CAPE MAY

Total State Amount : \$ 360,245

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission15.00000

Population0.00650

TOTAL POINTS65.00650

Project Name, Number

Priority List Rank

CAPE MAY CITY

218

340258-01

DESALINATION CONCENTRATE DISPOSAL

County

CAPE MAY

Existing Population

6,500

Service Area

City of Cape May, Borough of West Cape May, Borough of Cape May Point, portion of Lower Township and Coast Guard Base

Need for Project

The Cohansey Aquifer from which the Cape May Water Utility draws its potable water is experiencing salt water intrusion. To prolong the life of the Cohansey Aquifer and to meet summer water needs, the City is proposing to derive 1.4 MGD of brackish water from the Atlantic City 800-foot deep sand aquifer and build a desalination facility employing a reverse osmosis process.

Project Description

The desalination facility will generate 1.0 MGD of potable water, 0.4 MGD of concentrate and 1,000 gpd of sanitary wastewater. The conveyance facilities is included in this project and involves the construction of two force mains. One force main will be 2-inch diameter, 2,300 feet long and will carry sanitary waste, membrane wash water and water from floor drains to the West Cape May Borough's sewer system where it will flow to the Cape May County MUA's STP for treatment and disposal in the Atlantic Ocean. The second force main will be 6-inch diameter, 2,700 feet long and will be designed to carry 0.4 MGD of desalination concentrate to the Cape Island Creek.

Anticipated Recipient	:	MANASQUAN BOROUGH			
Project No.	:	340911-01	Eligible Project Cost:	\$	6,093,106
FY04 Rank	:	219			
County	:	MONMOUTH	Total State Amount	:	\$ 6,093,106

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

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

III. WATER USE/WATER QUALITY POINTS

<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	15.00000
Population	0.00534
TOTAL POINTS	65.00534

Project Name, Number

MANASQUAN BOROUGH
340911-01
SEWER REHABILITATION

Priority List Rank

219

County

MONMOUTH

Existing Population

5,340

Service Area

Borough of Manasquan

Need for Project

The existing sanitary sewer system consists of 80-year old terra cotta pipes, many of which are 6-inches in diameter. Many of the pipes are cracked, have broken joints, and deteriorated manholes. The Borough is located in a coastal area and often experiences high groundwater conditions.

Project Description

The project consists of the repair/replacement of several sections of the Borough's sewer system.

Anticipated Recipient : SOUTH BOUND BROOK BOROUGH

Project No. : 340347-01

Eligible Project Cost: \$ 1,239,434

FY04 Rank : 220

County : SOMERSET

Total State Amount : \$ 1,239,434

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

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

III. WATER USE/WATER QUALITY POINTS

<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	15.00000
Population	0.00350
TOTAL POINTS	65.00350

Project Name, Number

SOUTH BOUND BROOK BOROUGH
340347-01
INTERCEPTOR

Priority List Rank

220

County

SOMERSET

Existing Population

3,500

Service Area

South Bound Brook Borough (West of Cedar Street to border of Borough).

Need for Project

The project is needed to reduce or eliminate sanitary sewer overflows in the Borough. The overflow into the Raritan Delaware Canal occurs periodically.

Project Description

The proposed project includes the construction of a relief sewer line to handle sewage from the overflow problem areas and direct the additional sewage to the regional Sewage Treatment Plant for treatment.

Anticipated Recipient : AVALON BOROUGH

Project No. : 340864-01

Eligible Project Cost: \$ 1,530,125

FY04 Rank : 221

Total State Amount : \$ 1,530,125

County : CAPE MAY

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

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

III. WATER USE/WATER QUALITY POINTS

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

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

State Planning Commission	15.00000
Population	0.00181
TOTAL POINTS	65.00181

Project Name, Number

AVALON BOROUGH
340864-01
I/I CORRECTION

Priority List Rank

221

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. : 340722-01Eligible Project Cost: \$ 258,678

FY04 Rank : 222

County : CAPE MAYTotal State Amount : \$ 258,678

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission15.000000

Population0.00128

TOTAL POINTS65.00128

Project Name, Number

STONE HARBOR BOROUGH
340722-01
I/I CORRECTION

Priority List Rank

222

County

CAPE MAY

Existing Population

1,280

Service Area

Stone Harbor Borough

Need for Project

The Stone Harbor sewer system is subject to excessive infiltration/inflow (I/I) as documented in a sewer system evaluation survey.

Project Description

Tasks included in the proposed minor rehabilitation include the sealing, repair and/or replacement of damaged or deteriorated sewer pipes and manholes.

Anticipated Recipient	:	MENDHAM BOROUGH			
Project No.	:	340159-01	Eligible Project Cost:	\$	318,067
FY04 Rank	:	223			
County	:	MORRIS	Total State Amount	:	\$ 318,067

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

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

III. WATER USE/WATER QUALITY POINTS

<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	10.00000
Population	0.00489
TOTAL POINTS	60.00489

Project Name, Number

MENDHAM BOROUGH
340159-01
STORMWATER/NPS MANAGEMENT

Priority List Rank

223

County

MORRIS

Existing Population

4,890

Service Area

Mendham Borough

Need for Project

Mendham Borough is in need of a street sweeper. The purchase of this equipment will help the Township reduce the amount of debris that accumulates in the sewer system and, in turn, reduce solids/floatables from entering the waters of the upper Passaic and upper Raritan watersheds.

Project Description

The proposed project involves the purchase of one street sweeper.

Anticipated Recipient : MENDHAM BOROUGH

Project No. : 340159-02Eligible Project Cost: \$ 193,346

FY04 Rank : 223

County : MORRISTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission	10.00000
Population	0.00489
TOTAL POINTS	60.00489

Project Name, Number

MENDHAM BOROUGH
340159-02
STORMWATER/NPS MANAGEMENT

Priority List Rank

223

County

MORRIS

Existing Population

4,890

Service Area

Mendham Borough

Need for Project

Erosion problems in Mendham Borough are contributing to sedimentation of streams in the headwaters of the Passaic River

Project Description

The proposed project includes erosion protections and stream bank stabilization measures.

Anticipated Recipient : CRANBURY TOWNSHIP

Project No. : 340506-02

Eligible Project Cost: \$ 3,603,428

FY04 Rank : 225

Total State Amount : \$ 3,603,428

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

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

III. WATER USE/WATER QUALITY POINTS

<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	10.00000
Population	0.00250
TOTAL POINTS	60.00250

Project Name, Number

CRANBURY TOWNSHIP
340506-02
COLLECTION SYSTEM

Priority List Rank

225

County

MIDDLESEX

Existing Population

2,500

Service Area

Portions of Cranbury Township

Need for Project

Cranbury Township Planning Board recently changed their zoning on the east of Route 130 to permit 100% warehouse development. This has caused a dramatic increase in growth on the east side of Route 130 during the past year. The installation of the proposed sanitary system would benefit future development in the area east of 130. By diverting all flows presently directed to the Village Area Pump Station from the east side of Route 130, the Village Area Pump Station and force mains will have sufficient capacity for all projected flows west 130.

Project Description

The proposed project includes installation two new pump stations, one at 1.75 MGD with 1700 LF of 12" force main, the second at 3.75 MGD with 4000 LF of 16" force main.

Anticipated Recipient : BLOOMINGDALE BOROUGH

Project No. : 340634-03

Eligible Project Cost: \$ 3,790,064

FY04 Rank : 226

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	5
Stormwater/NPS Management	50-100	0
	Subtotal	5

III. WATER USE/WATER QUALITY POINTS

<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	50

<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 Commission0.00000

Population0.00806

TOTAL POINTS55.00806

Project Name, Number

BLOOMINGDALE BOROUGH
340634-03
COLLECTION SYSTEM

Priority List Rank

226

County

PASSAIC

Existing Population

8,060

Service Area

Bloomingtondale

Need for Project

Some of the septic systems in the township are malfunctioning and causing potential environmental or health hazard situations and creating a public nuisance.

Project Description

This project involves construction of new sewerage system facilities including interceptors, pump stations, force mains, and collection systems and/or other alternatives for wastewater disposal problems in the areas of Morse Lake, Union Avenue, Hillside Drive and Vreeland Avenue. The wastewater would be conveyed to the Butler Bloomingdale Sewage treatment plant, which is to be upgraded and expanded to 2.5 MGD. The facilities plan work for the collection system project is currently under review.

Anticipated Recipient	:	MIDDLESEX COUNTY UA		
Project No.	:	340680-05	Eligible Project Cost:	\$ 1,419,732
FY04 Rank	:	227		
County	:	MIDDLESEX	Total State Amount	: \$ 1,419,732

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

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

III. WATER USE/WATER QUALITY POINTS

<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	1.78184
TOTAL POINTS	51.78184

Project Name, Number

Priority List Rank

MIDDLESEX COUNTY UA

227

340680-05

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	:	MONMOUTH COUNTY BOARD OF FREEHOLDERS			
Project No.	:	340788-05	Eligible Project Cost:	\$	923,244
FY04 Rank	:	228			
County	:	MONMOUTH	Total State Amount	:	\$ 923,244

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.55312
TOTAL POINTS	50.55312

Project Name, Number

MONMOUTH COUNTY BOARD OF FREEHOLDERS
340788-05
STORMWATER/NPS MANAGEMENT

Priority List Rank

228

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 : OCEAN COUNTY UA

Project No. : 340372-25

Eligible Project Cost: \$ 6,987,541

FY04 Rank : 229

County : OCEAN

Total State Amount : \$ 6,987,541

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

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

III. WATER USE/WATER QUALITY POINTS

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

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.51092

TOTAL POINTS50.51092

Project Name, Number

OCEAN COUNTY UA
340372-25
SEWER REHABILITATION

Priority List Rank

229

County

OCEAN

Existing Population

510,916

Service Area

Ocean County

Need for Project

Concrete interceptor pipes ranging in size from 24" to 54" were constructed in the 1970s and are deteriorating due to hydrogen sulfide attack. Three Southern Service Area lift stations, which are twenty-five years old need concrete and steel rehabilitation along with improvements to the mechanical and electrical equipment. Southern Service Area Pump Station #9 has experienced severe deterioration in the influent lines, wetwell, and the force main.

Project Description

The proposed project includes rehabilitating or replacing the deteriorated interceptors and manholes. Work at the lift stations will include replacement of screw pumps, controls, slide and sluice gates, rehabilitation of concrete surfaces, and structural steel in the wet well. HVAC systems will be modified to improve ventilation, and the reliability of the stand-by generators will be improved by converting to closed-loop cooling systems. Work at the pump station will include concrete rehabilitation, replacement of slide/sluice gates and repair or replacement of other mechanical and electrical equipment.

Anticipated Recipient : CAMDEN COUNTY BOARD OF FREEHOLDERS

Project No. : 340525-01

Eligible Project Cost: \$ 792,068

FY04 Rank : 230

County : CAMDEN

Total State Amount : \$ 792,068

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.50282

TOTAL POINTS50.50282

Project Name, Number

CAMDEN COUNTY BOARD OF FREEHOLDERS
340525-01
STORMWATER/NPS MANAGEMENT

Priority List Rank

230

County

CAMDEN

Existing Population

502,824

Service Area

Hero's Island in Pennsuaken/Cherry Hill

Need for Project

Veteran's Island in the Cooper River is suffering serious erosion with its banks being washed away at a rapid rate causing silt build-up elsewhere in the river and effecting the overall quality of the river. The Island also acts as a natural barrier to erosion along a sensitive area of Cooper River Park. The Island's banks need to be restored and stabilized to stem erosion and reduce solids transportation.

Project Description

The proposed project includes a bank restoration and stabilization through the use of crib walls and vegetative plantings to provide for safe embankments and prevent further soil erosion.

Anticipated Recipient : CAMDEN COUNTY DEPARTMENT OF PARKS

Project No. : 340525-02Eligible Project Cost: \$ 1,693,221

FY04 Rank : 230

County : CAMDENTotal State Amount : \$ 1,693,221

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.50282

TOTAL POINTS50.50282

Project Name, Number

CAMDEN COUNTY DEPARTMENT OF PARKS
340525-02
STORMWATER/NPS MANAGEMENT

Priority List Rank

230

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. : 340525-03Eligible Project Cost: \$ 781,693

FY04 Rank : 230

County : CAMDENTotal State Amount : \$ 781,693

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

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

III. WATER USE/WATER QUALITY POINTS

A. Water Use

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

B. Existing Water Quality

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

State Planning Commission0.00000

Population0.50282

TOTAL POINTS50.50282

Project Name, Number

CAMDEN COUNTY DEPARTMENT OF PARKS
340525-03
STORMWATER/NPS MANAGEMENT

Priority List Rank

230

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 : MIDDLESEX COUNTY UA

Project No. : 340637-04Eligible Project Cost: \$ 20,043,531

FY04 Rank : 233

County : MIDDLESEXTotal State Amount : \$ 20,043,531

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.49657

TOTAL POINTS50.49657

Project Name, Number

MIDDLESEX COUNTY UA
340637-04
I/I CORRECTION

Priority List Rank

233

County

MIDDLESEX

Existing Population

496,570

Service Area

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

Need for Project

Design capacities of sewer systems constructed prior to the use of secondary treatment methods did not set strict limits on the volume of infiltration and inflow within sanitary sewers since treatment costs were not greatly affected by these extraneous flows. In recent times, however, construction costs of conveyance facilities coupled with rising treatment costs associated with secondary treatment methods have resulted in efforts to eliminate infiltration and inflow in areas where it is proven to be cost-effective.

Project Description

The proposed project is for an Infiltration/Inflow correction program for the MCUA existing sewer systems which currently serve 26 municipalities and 10 direct industries encompassing approximately 350 square miles of densely populated and highly industrialized areas.

Anticipated Recipient : UNION COUNTY

Project No. : 340280-01Eligible Project Cost: \$ 5,015,073

FY04 Rank : 234

County : UNIONTotal State Amount : \$ 5,015,073

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.49631

TOTAL POINTS50.49631

Project Name, Number

UNION COUNTY
340280-01
STORMWATER MANAGEMENT

Priority List Rank

234

County

UNION

Existing Population

496,310

Service Area

Trotters Lane Branch Drainage Area

Need for Project

The project is needed to relieve flooding in Morris Avenue and in the Kean College Dormitory area and to screen out debris from the stormwater prior to discharge in the Trotters Lane Branch of the Elizabeth River. The existing brick storm drain from the west side of Morris Avenue to the Elizabeth River is too small and needs to be replaced.

Project Description

The proposed project involves the replacement of the storm drain with an adequately sized concrete box culvert. The upstream end of the culvert will be equipped with a screen to collect debris.

Anticipated Recipient : BERGEN COUNTY UA

Project No. : 340768-02

Eligible Project Cost: \$ 15,673,755

FY04 Rank : 235

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

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

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

State Planning Commission	0.00000
Population	0.49114
TOTAL POINTS	50.49114

Project Name, Number

BERGEN COUNTY UA
340768-02
I/I CORRECTION

Priority List Rank

235

County

BERGEN

Existing Population

491,140

Service Area

The BCUA currently serves 46 municipalities.

Need for Project

BCUA conducted an Infiltration/Inflow(I/I) analysis and concluded that excessive I/I existed in the sewer system. Additional studies are underway to further define the quantity of excessive I/I and to propose an Infiltration/Inflow correction program to eliminate a portion of the excessive I/I.

Project Description

This proposed project may include the cleaning, grouting and sealing of leaking manholes and sewer lines, and other minor rehabilitation measures.

Anticipated Recipient : CAMDEN COUNTY MUA

Project No. : 340709-02

Eligible Project Cost: \$ 15,673,755

FY04 Rank : 236

County : CAMDEN

Total State Amount : \$ 15,673,755

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

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

III. WATER USE/WATER QUALITY POINTS

<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

Population

TOTAL POINTS

0.00000

0.48867

50.48867

Project Name, Number

CAMDEN COUNTY MUA
340709-02
I/I CORRECTION

Priority List Rank

236

County

CAMDEN

Existing Population

488,670

Service Area

Entire service area of CCMUA

Need for Project

Several portions of the service area are suspected of being subject to excessive I/I.

Project Description

The proposed project consists of implementing the necessary measures to eliminate excessive I/I, including replacement, grouting and other measures.

Anticipated Recipient	:	MT HOLLY SA			
Project No.	:	340817-02	Eligible Project Cost:	\$	1,525,150
FY04 Rank	:	237			
County	:	BURLINGTON	Total State Amount	:	\$ 1,525,150

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

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

III. WATER USE/WATER QUALITY POINTS

<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	0.35829
TOTAL POINTS	50.35829

Project Name, Number

MT HOLLY SA
340817-02
SEPTAGE TREATMENT & DISPOSAL

Priority List Rank

237

County

BURLINGTON

Existing Population

358,290

Service Area

Several Municipalities in New Jersey

Need for Project

The State of New Jersey has mandated that all septic tank wastes (septage) be banned from disposal in unlined landfills as of March 15, 1985. Subsequently, as there are no adequate landfills in the County, an agreement has been reached between Burlington County and the Mount Holly Sewerage Authority in which the latter would act as the lead agency to dispose of the County's septage on an interim basis. However, the Authority's facility is not designed to accept septage and the septage management plan concluded that treatment plant modifications are necessary.

Since there are no adequate means of septage disposal in the County, initial investigations indicate that septage is being dumped illegally and, in all likelihood, is resulting in localized surface and ground water degradation.

Project Description

The proposed project will treat and dispose of all the septage generated in the County on a short term basis at relatively minor costs. The county-wide sludge/septage study (C340818-01) will plan for septage disposal on a long-term basis. The latter study may conclude that the Authority should dispose of septage also for the long-term. The plans and specifications recently submitted will provide for the following:

1. Screening and Grit Removal Equipment
2. Comminutor
3. Aerated Holding Tanks
4. Chlorination Equipment
5. Pumps
6. Odor Control
7. Prefabricated Structure

Anticipated Recipient	:	PARSIPPANY-TROY HILLS TWP			
Project No.	:	340806-03	Eligible Project Cost:	\$	354,638
FY04 Rank	:	238			
County	:	MORRIS	Total State Amount	:	\$ 354,638

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

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

III. WATER USE/WATER QUALITY POINTS

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

State Planning Commission	0.00000
Population	0.25737
TOTAL POINTS	50.25737

Project Name, Number

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

Priority List Rank

238

County

MORRIS

Existing Population

257,370

Service Area

Boonton Town, Boonton Township, Denville Township, Dover Town, East Hanover Township, Hanover Township, Mine Hill Township, Montville Township, Mountain Lakes Borough, Mount Arlington Borough, Mount Olive Township, Netcong Borough, Parsippany-Troy Hills Township, Randolph Township, Rockaway Borough, Rockaway Township, Roxbury Township, Victory Gardens Borough, Washington Township, Wharton Borough, Florham Park Borough

Need for Project

Disposal of septage in unlined landfills was prohibited effective March 15, 1985 to prevent the danger of groundwater contamination. An alternative disposal method is to use existing treatment facilities. Therefore, the municipalities indicated above have been assigned to the Parsippany-Troy Hills treatment plant as designated in Appendix A of the Statewide Septage Management Plan. The project is necessary to insure that septage disposal for existing and future development is in conformance with said plan.

The Township of Parsippany-Troy Hills is in the last stages of completing the construction of a 16 mgd advanced wastewater treatment facility. The present septage handling facilities were adequate to handle the flows from just the immediate service area but they are not adequate to handle the quantity and quality of wastes directed to this facility by the Department.

It is the intent of this project to develop and implement a comprehensive plan to evaluate the capability of the treatment facility to accept additional septage wastes and to recommend necessary modifications be constructed.

Project Description

Parsippany-Troy Hills Wastewater Treatment Plant will have responsibility of treating an estimated 54,000 GPD of septage. In order to handle these wastes, Parsippany-Troy Hills has completed an NJDEP approved septage management plan which recommends construction of facilities that include the truck receiving area, gravel trap, coarse bar screens, holding tank, and associated appurtenances.

Anticipated Recipient : RAHWAY VALLEY SA

Project No. : 340547-03

Eligible Project Cost: \$ 5,938,953

FY04 Rank : 239

County : UNION

Total State Amount : \$ 5,938,953

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

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

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.25000

TOTAL POINTS50.25000

Project Name, Number

RAHWAY VALLEY SA
340547-03
I/I CORRECTION

Priority List Rank

239

County

UNION

Existing Population

250,000

Service Area

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

Need for Project

To eliminate excessive infiltration and inflow and to extend the
useful life of the sewer.

Project Description

RVSA operates a 35 mgd secondary sewage treatment facility with a sewer configuration
300 miles in length. The I/I report indicates that the RVSA's sewer system is
susceptible to an excessive I/I of 3 mgd which may be cost-effectively removed. This
will be verified in the upcoming SSES phase. An Infiltration/Inflow correction program
will follow thereafter.

Anticipated Recipient : RAHWAY VALLEY SA

Project No. : 340547-08

Eligible Project Cost: \$ 1,713,312

FY04 Rank : 239

County : UNION

Total State Amount : \$ 1,713,312

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

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

III. WATER USE/WATER QUALITY POINTS

<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

Population

TOTAL POINTS

0.00000

0.25000

50.25000

Project Name, Number

RAHWAY VALLEY SA
340547-08
SEWER REHABILITATION

Priority List Rank

239

County

UNION

Existing Population

250,000

Service Area

Springfield, Mountainside, Westfield, Kenilworth, Winfield, Garwood,
Cranford, Roselle Park (part), Scotch Plains, Clark, Woodbridge (part)
and Rahway

Need for Project

The proposed project will restore the structural integrity and hydraulic capacity of approximately 1400 lin. ft. of 60-inch diameter reinforced concrete pipe that has become deteriorated due to the presence of hydrogen sulfide gas.

Project Description

The proposed project includes the cleaning and removal of debris from the pipe, by-pass pumping, installation of a 60-inch diameter cured-in-place liner, TV inspection of the completed project, and restoration of flow through the repaired pipe.

Anticipated Recipient	:	ATLANTIC COUNTY UA			
Project No.	:	340809-10	Eligible Project Cost:	\$	4,227,304
FY04 Rank	:	241			
County	:	ATLANTIC	Total State Amount	:	\$ 4,227,304

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.16367
TOTAL POINTS	50.16367

Project Name, Number

ATLANTIC COUNTY UA
340809-10
SEWER REHABILITATION

Priority List Rank

241

County

ATLANTIC

Existing Population

163,667

Service Area

The municipalities of Absecon, Atlantic City, Brigantine, Egg Harbor City, Egg Harbor Township, Galloway, Hamilton, Linwood, Longport, Margate, Northfield, Pleasantville, Somers Point and Ventnor.

Need for Project

The roofs on five of ACUA's pump stations are in very poor condition and subject to serious leaks and most be replaced or damage will occur to both the structure and the equipment and could severely effect the flow of influent within the system. Also, due to the excessive wear caused by natural sand, emergency repairs were required on some sections of ACUA's force mains. ACUA intends to investigate its force mains to locate other areas of excessive wear.

Project Description

The proposed project includes the upgrade and repair of five of ACUA's pump stations. ACUA also proposes to repair/replace approximately 5000 linear feet of the existing 30-inch Ventnor/Margate force main.

Anticipated Recipient	:	GLOUCESTER COUNTY UA			
Project No.	:	340902-01	Eligible Project Cost:	\$	4,945,666
FY04 Rank	:	242			
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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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	0.15977
TOTAL POINTS	50.15977

Project Name, Number

GLOUCESTER COUNTY UA
340902-01
SLUDGE MANAGEMENT

Priority List Rank

242

County

GLOUCESTER

Existing Population

159,770

Service Area

Clayton Borough, Deptford Twp., Glassboro Borough, Mantua Twp., Monroe Twp., National Park Borough, Paulsboro Borough, Washington Twp., Wenonah Borough, W. Deptford Twp., Westville Borough, Woodbury City, and Woodbury Hts Borough

Need for Project

The Gloucester County Utilities Authority (GCUA) is presently disposing of sludge by incineration. The design capacity of the GCUA incinerator is inadequate to handle the 15 tons of sludge (dry weight basis) produced at the GCUA Regional Plant. As a result, the Authority proposes to add another fluidized bed to the existing incinerator in order to increase its design capacity.

The approved (201) Facilities Plan for the GCUA consolidated region calls for static pile composing as a long term sludge management alternative. Therefore, the Authority may be required to amend the facilities plan, should they intend to employ incineration as the most cost effective, environmentally sound and implementable long term sludge management alternative.

Project Description

The project will consist of the addition of a fluidized bed to the existing incinerator of the GCUA Regional Plant for disposal of all the sludges produced in the GCUA-consolidated region.

Anticipated Recipient : NORTH HUDSON SA

Project No. : 340952-02Eligible Project Cost: \$ 6,549,672

FY04 Rank : 243

County : HUDSONTotal State Amount : \$ 6,549,672

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission0.00000

Population0.14192

TOTAL POINTS50.14192

Project Name, Number

NORTH HUDSON SA
340952-02
SEWER REHABILITATION

Priority List Rank

243

County

HUDSON

Existing Population

141,919

Service Area

Hoboken, Weehawken, West New York

Need for Project

The Authority's combined sewer system and collection system is subject to excessive amounts of inflow and infiltration causing sewage to overflow during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging in the collection and combined systems. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of pipes.

Anticipated Recipient : SOMERSET-RARITAN VALLEY SA

Project No. : 340801-03

Eligible Project Cost: \$ 1,465,130

FY04 Rank : 244

County : SOMERSET

Total State Amount : \$ 1,465,130

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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 Commission0.00000

Population0.10070

TOTAL POINTS50.10070

Project Name, Number

SOMERSET-RARITAN VALLEY SA
340801-03
SEPTAGE TREATMENT/DISPOSAL

Priority List Rank

244

County

SOMERSET

Existing Population

100,700

Service Area

Bedminster Township, Bernards Township, Bernardsville Borough,
Branchburg Township, Bridgewater Township, Far Hills Borough,
Hillsborough Township, Manville Borough, Millstone Borough, Montgomery
Township, Peapack Gladstone Borough, Raritan Borough, Rocky Hill
Borough, Somerville Borough, Warren Township

Need for Project

Disposing of septage in unlined landfills was banned on March 15, 1985 pursuant to amendments of the Solid Waste Management Act to prevent the danger of groundwater contamination. An alternative disposal method is the utilization of existing treatment facilities. Therefore, the municipalities indicated above have been assigned to the Somerset-Raritan Valley SA treatment plant as designated in Appendix A of the Statewide Septage Management Plan. The present facilities at SRVSA for handling septage wastes are inadequate to handle the quantity and quality of wastes proposed to be accepted. This project is necessary to ensure that septage disposal for existing and future development is in conformance with said plan.

Project Description

This project is for the construction of septage facilities at the SRVSA plant so that it may dispose of the septage generated in Somerset County. The septage management plan recommends that the design capacity of the septage receiving station at the SRVSA plant be 28,000 gallons per day. In addition, the plan is addressing management and implementation considerations. The septage plan will provide SRVSA with a septage treatment and disposal method that will enable the Authority to accept all the wastes from its designated areas while also meeting its discharge requirements.

Anticipated Recipient	:	LINDEN ROSELLE SA			
Project No.	:	340299-05	Eligible Project Cost:	\$	389,787
FY04 Rank	:	244			
County	:	UNION	Total State Amount	:	\$ 389,787

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.10070
TOTAL POINTS	50.10070

Project Name, Number

LINDEN ROSELLE SA
340299-05
SEWER REHABILITATION

Priority List Rank

244

County

UNION

Existing Population

100,700

Service Area

City of Linden and the Borough of Roselle

Need for Project

The Main Street Pump Station is aging, in need of repair, and undersized to handle current flows.

Project Description

The proposed project is for the repair and upgrade of the Main Street Pump Station.

Anticipated Recipient : SOMERSET RARITAN VALLEY SA

Project No. : 340801-05

Eligible Project Cost: \$ 11,585,671

FY04 Rank : 244

County : SOMERSET

Total State Amount : \$ 11,585,671

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.10070

TOTAL POINTS50.10070

Project Name, Number

SOMERSET RARITAN VALLEY SA
340801-05
INTERCEPTOR

Priority List Rank

244

County

SOMERSET

Existing Population

100,700

Service Area

Bedminster Township, Bernards Township, Bernardsville Borough,
Branchburg Township, Bridgewater Township, Far Hills Borough,
Hillsborough Township, Manville Borough, Millstone Borough, Montgomery
Township, Peapack Gladstone Borough, Raritan Borough, Rocky Hill
Borough, Somerville Borough, Warren Township

Need for Project

The proposed project will provide adequate conveyance capacity to the SRVSA's
interceptor sewer system and reduce the frequency and volume of capacity overloads.

Project Description

The proposed project includes the installation of a new interceptor relief sewer
paralleling the existing interceptor sewer. The new interceptor relief sewer will
consist of approximately 4.5 miles of 30-inch gravity pipe including manholes, twin
barrel 18-inch siphons and siphon chambers.

Anticipated Recipient : ROCKAWAY VALLEY REG SA

Project No. : 340756-02Eligible Project Cost: \$ 5,938,953

FY04 Rank : 247

County : MORRISTotal State Amount : \$ 5,938,953

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.09218

TOTAL POINTS50.09218

Project Name, Number

ROCKAWAY VALLEY REG SA
340756-02
I/I CORRECTION

Priority List Rank

247

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. : 340700-06Eligible Project Cost: \$ 7,944,881

FY04 Rank : 248

County : BERGENTotal State Amount : \$ 7,944,881

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.09171

TOTAL POINTS50.09171

Project Name, Number

NORTHWEST BERGEN CO UA
340700-06
I/I CORRECTION

Priority List Rank

248

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. : 340843-01Eligible Project Cost: \$ 2,588,981

FY04 Rank : 249

County : ESSEXTotal State Amount : \$ 2,588,981

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.07758
TOTAL POINTS	50.07758

Project Name, Number

EAST ORANGE CITY
340843-01
I/I CORRECTION

Priority List Rank

249

County

ESSEX

Existing Population

77,580

Service Area

City of East Orange

Need for Project

A sewer system evaluation survey recently performed by Elson T. Killam Associates for the Passaic Valley Sewerage Commissioners' service area found excessive infiltration/inflow (I/I) in this municipality's sewer system. Raw sewage overflows were reported to have occurred on area streets.

Project Description

An I/I correction program, which will consist of grouting, slip lining, and repairing/replacing structurally damaged pipes and manholes, will be undertaken to remove the identified excessive I/I.

Anticipated Recipient : CLIFTON CITY

Project No. : 340844-01

Eligible Project Cost: \$ 1,428,585

FY04 Rank : 250

County : PASSAIC

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.07652

TOTAL POINTS50.07652

Project Name, Number

CLIFTON CITY
340844-01
I/I CORRECTION

Priority List Rank

250

County

PASSAIC

Existing Population

76,520

Service Area

City of Clifton

Need for Project

A sewer system evaluation survey performed by Elson T. Killam Associates for the Passaic Valley Sewerage Commissioners' service area found excessive infiltration/inflow (I/I) in this municipality's sewer system. Raw sewage overflows were reported to have occurred on area streets.

Project Description

An I/I correction program, which will consist of grouting slip lining, and repairing/replacing structurally damaged pipes and manholes, will be undertaken to remove the identified excessive I/I.

Anticipated Recipient : WOODBRIDGE TOWNSHIP

Project No. : 340433-04

Eligible Project Cost: \$ 1,132,363

FY04 Rank : 251

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.06983

TOTAL POINTS50.06983

Project Name, Number

WOODBIDGE TOWNSHIP
340433-04
I/I CORRECTION

Priority List Rank

251

County

MIDDLESEX

Existing Population

69,830

Service Area

Woodbridge Township, Sewaren and Keasby sections

Need for Project

The sewer systems in the Sewaren and Keasby sections, constructed prior to the use of secondary treatment methods, did not set strict limits on the volume of infiltration and inflow within sanitary sewers since treatment costs were not greatly affected by these extraneous flows. In recent years, however, the construction costs of conveyance facilities, coupled with rising treatment costs associated with secondary treatment methods, have resulted in efforts to eliminate infiltration and inflow in areas where it is proven to be cost-effective.

Project Description

The proposed project is an Infiltration/Inflow Correction program for Woodbridge's existing sewer system within the Sewaren and Keasby sections. The Sewaren sewer system serves Avenel, Port Reading, Sewaren, and Woodbridge proper. Its drainage area encompasses 6,090 acres and contains 89.9 miles of sanitary sewer. The Woodbridge Interceptor (approximately parallel to the Woodbridge River) serves a majority of the system. The Keasby sewerage system serves Fords, Hopelawn, and Keasby. Its drainage area encompasses 2,389 acres and contains 30.2 miles of sanitary sewer.

Anticipated Recipient : EWING LAWRENCE SA

Project No. : 340391-06Eligible Project Cost: \$ 2,718,518

FY04 Rank : 252

County : MERCERTotal State Amount : \$ 2,718,518

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.06487
TOTAL POINTS	50.06487

Project Name, Number

EWING LAWRENCE SA
340391-06
I/I CORRECTION

Priority List Rank

252

County

MERCER

Existing Population

64,866

Service Area

Mountain View section of Ewing Township

Need for Project

The Township's sanitary sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow in the collection system and at the treatment plant site during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system and sewage treatment plant. The project involves an infiltration/inflow correction program including removal of stormwater connections.

Anticipated Recipient : OLD BRIDGE MUA

Project No. : 340945-05

Eligible Project Cost: \$ 2,183,362

FY04 Rank : 253

County : MIDDLESEX

Total State Amount : \$ 2,183,362

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.06046

TOTAL POINTS50.06046

Project Name, Number

OLD BRIDGE MUA
340945-05
SEWER REHABILITATION

Priority List Rank

253

County

MIDDLESEX

Existing Population

60,456

Service Area

Old Bridge

Need for Project

The Authority has an on-going program to eliminate sources of excessive I/I in their sewer system. The project is needed due to the deterioration of the structural integrity of the sewers. In addition, the Rams Field and Farrington Pump Stations are old and need to be rehabilitated and upgraded to ensure proper operation, to facilitate routine maintenance, and to control odors.

Project Description

The project includes the relining of problem sewer mains throughout the Township and the rehabilitation of two pump stations, including the installation of comminutors with submersible motors and carbon filters for odor controls. A new bypass chamber will be installed in one pump station.

Anticipated Recipient	:	NORTH BERGEN TOWNSHIP			
Project No.	:	340652-07	Eligible Project Cost:	\$	639,645
FY04 Rank	:	254			
County	:	HUDSON	Total State Amount	:	\$ 639,645

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

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	0.05809
TOTAL POINTS	50.05809

Project Name, Number

NORTH BERGEN TOWNSHIP
340652-07
SEWER REHABILITATION

Priority List Rank

254

County

HUDSON

Existing Population

58,092

Service Area

Township of North Bergen

Need for Project

The Township's combined sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the combined system. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the combined system.

Anticipated Recipient : SALEM COUNTY BD OF CHOSEN FREEHOLDERS

Project No. : 340804-03Eligible Project Cost: \$ 6,816,427

FY04 Rank : 255

County : SALEMTotal State Amount : \$ 6,816,427

<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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.05688
TOTAL POINTS	50.05688

Project Name, Number

Priority List Rank

SALEM COUNTY BD OF CHOSEN FREEHOLDERS
340804-03
SEPTAGE TREATMENT/DISPOSAL

255

County

SALEM

Existing Population

56,880

Service Area

Allowlay Township, Carney's Point Township, Elmer Borough, Elsinboro Township, Lower Alloways Creek Township, Mannington Township, Oldmans Township, Pennsville Township, Piles Grove Township, Pittsgrove Township, Quinton Township, Salem City, Upper Pittsgrove Township

Need for Project

Approximately 30 percent of County residents employ on-lot individual septic systems to treat their wastewater. Currently, numerous problems exist with these systems as a result of their installation in inappropriate soils and due to inadequate design. This situation leads to nuisance conditions, possibility of public health problems, and localized groundwater quality degradation.

The problems in Salem County are further aggravated by the lack of adequate facilities to accept and properly dispose of septage pumpouts. The State of New Jersey mandated that septage be banned from all but lined landfills with leachate control effective March 15, 1985. There are no such facilities in the planning area. It is presumed that a good deal of illegal septage dumping is occurring in the County and that surface and groundwater quality degradation may result.

Project Description

The planning for this project is to provide two basic responses to the problem outlined above. The first response is to plan for the adequate treatment and disposal for all the septage generated within the County. The second is to develop an overall management system of the County where on-lot systems currently exist. These solutions would involve the application and innovation of advanced technologies to resolve these problems. The facilities plan will consist of the following components:

1. County-wide Septage Disposal Plan
2. On-lot Septic Tank Management Plan
3. Environmental Analysis
4. Full-scale Public Participation Program.

Implementation of the selected plan will resolve the problem indicated above in a cost-effective, environmentally sound manner.

Anticipated Recipient	:	BERKELEY HEIGHTS TOWNSHIP			
Project No.	:	340385-03	Eligible Project Cost:	\$	500,308
FY04 Rank	:	256			
County	:	UNION	Total State Amount	:	\$ 500,308

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.05441
TOTAL POINTS	50.05441

Project Name, Number

BERKELEY HEIGHTS TOWNSHIP
340385-03
STORMWATER MANAGEMENT

Priority List Rank

256

County

UNION

Existing Population

54,405

Service Area

Township of Berkeley Heights

Need for Project

The existing storm sewer system in the Township has deteriorated pipes, inadequately sized pipes, and an inadequate number of catch basins resulting in flooding. Flooding also results in more grease/oil, pesticides, fertilizers, etc. being introduced into the storm system and discharging into local waters.

Project Description

The proposed project includes improvements to existing detention and retention facilities, improvements to existing stormwater drainage piping systems, and construction of new stormwater drainage piping systems.

Anticipated Recipient : PASSAIC CITY

Project No. : 340845-01

Eligible Project Cost: \$ 5,331,697

FY04 Rank : 257

County : PASSAIC

Total State Amount : \$ 5,331,697

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

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

Population

TOTAL POINTS

0.00000

0.05396

50.05396

Project Name, Number

PASSAIC CITY
340845-01
I/I CORRECTION

Priority List Rank

257

County

PASSAIC

Existing Population

53,960

Service Area

City of Passaic

Need for Project

A sewer system evaluation survey recently performed by Elson T. Killam Associates for the Passaic Valley Sewerage Commissioners' service area found excessive Infiltration/Inflow (I/I) in this municipality's sewer system. Raw sewage overflows were reported to have occurred on area streets.

Project Description

An Infiltration/Inflow (I/I) correction program, which will consist of grouting, slip lining, and repairing/replacing structurally damaged pipes and manholes, will be undertaken to remove the identified excessive I/I.

Anticipated Recipient	:	GLOUCESTER TOWNSHIP MUA			
Project No.	:	340364-01	Eligible Project Cost:	\$	1,540,661
FY04 Rank	:	258			
County	:	CAMDEN	Total State Amount	:	\$ 1,540,661

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

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	0.05380
TOTAL POINTS	50.05380

Project Name, Number

GLOUCESTER TOWNSHIP MUA
340364-01
PUMP STATION, FORCE MAIN

Priority List Rank

258

County

CAMDEN

Existing Population

53,800

Service Area

The area north of the N.J. State Highway Route 42 in Gloucester Township

Need for Project

The existing pump station and force main are operating near its capacity and require frequent maintenance. The pump station's present locations does not allow for expansion due to environmental constraints and limitations of existing property. The project will allow for future development within the service area and provide emergency backup power. Other improvements to the existing service will also be provided.

Project Description

The project consists of construction of a pump station and associated force main. The proposed pump station will include three (3) submersible pumps within a concrete wetwell. An emergency generator will provide backup power to run the station during periods of electrical outages. A bar screen, odor control and possibly chemical injection to reduce Hydrogen Sulfide generation will be included in the improvements. A building with associated heating, ventilation and electrical work will house the bar screen, generator and controls. All necessary site work and access will also be included. Once the proposed pump station is completed, the existing pump station will have to be dismantled and abandoned. Since the existing pump station site does not have sufficient space, the authority will need to acquire the property located across the N.J. State Highway 168 (Black Horse Pike).

Anticipated Recipient : NORTHWEST BERGEN CO UA

Project No. : 340700-05Eligible Project Cost: \$ 2,294,564

FY04 Rank : 259

County : BERGENTotal State Amount : \$ 2,294,564

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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	0.05055
TOTAL POINTS	50.05055

Project Name, Number

NORTHWEST BERGEN CO UA
340700-05
SEPTAGE DISPOSAL FACILITY

Priority List Rank

259

County

BERGEN

Existing Population

50,550

Service Area

Allendale Borough, Franklin Lakes Borough, HoHoKus Borough, Mahwah Township, Midland Park Borough, Ramsey Borough, Saddle River Borough, Upper Saddle River Borough, Waldwick Borough, Wyckoff Township

Need for Project

Although the unsewered areas are included in the Planning Area for Northwest Bergen County Utilities Authority, there is presently no formal provision to treat septage from these areas. Septage from NWBCUA is presently being taken by informal agreement to Bergen County Utilities Authority treatment plant. The distance to this facility creates a climate for illegal dumping. The lack of a long term formal arrangement with Bergen County is unacceptable, and the lack of quality assurance is unacceptable.

Project Description

This project will provide for the construction of septage handling facilities to receive all septage generated within the planning area for treatment at the Northwest Bergen treatment plant. The septage facilities will provide for quality assurance to prevent treatment plant upset, and will provide odor control. The construction of septage facilities in conjunction with the initiation of a voucher system for tracking septage from "cradle to grave" will assure control, collection, disposal, and treatment of septage wastes from approximately 50,000 people in the planning area, thereby eliminating present unacceptable trucking and disposal of septage.

Anticipated Recipient : WAYNE TOWNSHIP

Project No. : 340393-07

Eligible Project Cost: \$ 2,049,114

FY04 Rank : 260

Total State Amount : \$ 2,049,114

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.04955
TOTAL POINTS	50.04955

Project Name, Number

WAYNE TOWNSHIP
340393-07
I/I CORRECTION

Priority List Rank

260

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. : 340377-02Eligible Project Cost: \$ 11,585,671

FY04 Rank : 261

County : MONMOUTHTotal State Amount : \$ 11,585,671

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.04800

TOTAL POINTS50.04800

Project Name, Number

SOUTH MONMOUTH RSA
340377-02
I/I CORRECTION

Priority List Rank

261

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	:	WASHINGTON TOWNSHIP MUA			
Project No.	:	340930-03	Eligible Project Cost:	\$	962,250
FY04 Rank	:	262			
County	:	GLOUCESTER	Total State Amount	:	\$ 962,250

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.04711
TOTAL POINTS	50.04711

Project Name, Number

WASHINGTON TOWNSHIP MUA
340930-03
SEWER REHABILITATION

Priority List Rank

262

County

GLOUCESTER

Existing Population

47,114

Service Area

Washington Township

Need for Project

The Township's sewer mains are old and have been experiencing blockages due to deterioration, dips, and misalignments causing sewage to surcharge and overflow.

Project Description

The proposed project includes the replacement of the existing sewer main with a new PVC main. One pump station is proposed to be removed and sewer mains will be rerouted to allow for gravity flow in certain areas of the Township.

Anticipated Recipient : BERKELEY TOWNSHIP

Project No. : 340969-01Eligible Project Cost: \$ 2,718,518

FY04 Rank : 263

County : OCEANTotal State Amount : \$ 2,718,518

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.03999

TOTAL POINTS50.03999

Project Name, Number

BERKELEY TOWNSHIP
340969-01
I/I CORRECTION

Priority List Rank

263

County

OCEAN

Existing Population

39,991

Service Area

Berkeley Township

Need for Project

To reduce elevated levels of bacteria in stormwater discharges to coastal waters.

Project Description

To eliminate cross-connections between sanitary and storm sewers by replacing portions of sewers, sealing manholes, and sealing leaks. To eliminate interconnections due to leaks, flows, or overflows from the sanitary sewer system.

Anticipated Recipient : WEST ORANGE TOWNSHIP

Project No. : 340865-01Eligible Project Cost: \$ 12,117,146

FY04 Rank : 264

County : ESSEXTotal State Amount : \$ 12,117,146

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03911
TOTAL POINTS	50.03911

Project Name, Number

WEST ORANGE TOWNSHIP
340865-01
INTERCEPTOR SEWERS

Priority List Rank

264

County

ESSEX

Existing Population

39,110

Service Area

West Orange Township

Need for Project

The existing sewerage system in West Orange has inadequate capacity to allow for future growth potential. New interceptors and appurtenances are required to provide the needed reserve capacity for both planned and proposed sewer connections. The Township of West Orange is included within the sewer service area of the Essex/Union Joint Meeting. Since this project will have no direct impact upon existing water quality, only discharge category points for new systems can be justified.

Project Description

Proposed is the construction of new interceptors consisting of both gravity sewers and pump station/force main and appurtenances to provide additional capacity for the First and Second Mountain areas of West Orange and Livingston. An old interceptor line (PS/FM and Gravity) is also proposed for replacement as part of a major sewer system rehabilitation effort.

Anticipated Recipient : MANASQUAN RIVER REG SA

Project No. : 340832-02

Eligible Project Cost: \$ 4,610,126

FY04 Rank : 265

County : MONMOUTH

Total State Amount : \$ 4,610,126

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.03900
TOTAL POINTS	50.03900

Project Name, Number

MANASQUAN RIVER REG SA
340832-02
NEW INTERCEPTOR SYSTEM

Priority List Rank

265

County

MONMOUTH

Existing Population

39,000

Service Area

Howell Township, Farmingdale, Freehold Borough, Freehold Township and Wall Township

Need for Project

The project will eliminate point sources of pollution in the below mentioned areas (Project Description). Along the southern Route 9 corridor, the need for onsite septage systems will be eliminated. Project is needed to serve Wall Township growth and eliminate onsite disposal systems adjacent to Route 34.

Project Description

The project involves construction of an extension of interceptor sewers in the Lone Pine Landfill (Freehold Township), Brisbane Hospital (Wall Township) and Southern Route 9 Corridor (Howell Township).

Anticipated Recipient	:	MONTCLAIR TOWN			
Project No.	:	340837-01	Eligible Project Cost:	\$	2,088,076
FY04 Rank	:	266			
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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03870
TOTAL POINTS	50.03870

Project Name, Number

MONTCLAIR TOWN
340837-01
I/I CORRECTION

Priority List Rank

266

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 : HOBOKEN CITY

Project No. : 340635-03

Eligible Project Cost: \$ 73,770

FY04 Rank : 267

County : HUDSON

Total State Amount : \$ 73,770

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.03858
TOTAL POINTS	50.03858

Project Name, Number

HOBOKEN CITY
340635-03
STORMWATER MANAGEMENT

Priority List Rank

267

County

HUDSON

Existing Population

38,577

Service Area

City of Hoboken

Need for Project

Hoboken plans to install a detention system and storm sewer to serve a section of the City, and will connect to an existing storm sewer.

Project Description

The proposed project includes a series of 21 inch diameter storage pipes with outfalls connected to the storm drainage system in Jackson Street.

Anticipated Recipient : HOPEWELL TOWNSHIP

Project No. : 340282-01Eligible Project Cost: \$ 23,940,222

FY04 Rank : 268

County : MERCERTotal State Amount : \$ 23,940,222

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03846
TOTAL POINTS	50.03846

Project Name, Number

HOPEWELL TOWNSHIP
340282-01
INTERCEPTOR SEWERS

Priority List Rank

268

County

MERCER

Existing Population

38,460

Service Area

The service area is bounded by Lawrenceville-Pennington Road and Washington Crossing Road to the north, the Township boundary to the south, Brandon Farms development to the east and the rear of the lots which front on Jacobs Creek Road. Also included is the municipal facility and the Indian Village development.

Need for Project

The project is needed to provide public sewer service to small residential lots currently served by individual on-site disposal systems underlain by rock and shallow seasonal high groundwater tables.

Project Description

The proposed project involves the construction of gravity collection sewers, trunk mains, force mains and pump stations to service the southeast sector of Hopewell Township. The sewage will be conveyed to the Ewing-Lawrence SA's treatment facility.

Anticipated Recipient : CHERRY HILL TOWNSHIP

Project No. : 340954-01

Eligible Project Cost: \$ 1,276,427

FY04 Rank : 269

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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 Commission0.00000

Population0.03647

TOTAL POINTS50.03647

Project Name, Number

CHERRY HILL TOWNSHIP
340954-01
COLLECTION SYSTEM, REHABILITATION

Priority List Rank

269

County

CAMDEN

Existing Population

36,470

Service Area

Cherry Hill Township

Need for Project

To remove aging septic systems and replace them with sanitary sewer extensions and to rehabilitate aging pump stations.

Project Description

The Township of Cherry Hill plans to extend their sanitary sewers to reach several remaining unsewered sections of the Township. The various extensions are spread throughout the Township. The project will consist of gravity sewer mains, several force mains, house connections, all restorations and appurtenances. Also, the Peppermill Pump Station and Batesville Pump Station will be rehabilitated. The project may include the elimination of the School Lane Pump Station and connection by gravity sewer to an existing Camden County MUA interceptor. The Peppermill Pump Station has an existing peak flow rate of 0.13 mgd, and the Batesville Pump Station has an existing flow rate of 0.52 mgd. Each pump station will have their wetwells and pumps replaced along with related electrical services.

Anticipated Recipient	:	KEARNY MUA			
Project No.	:	340259-03	Eligible Project Cost:	\$	1,294,666
FY04 Rank	:	270			
County	:	HUDSON	Total State Amount	:	\$ 1,294,666

<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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03487
TOTAL POINTS	50.03487

Project Name, Number

KEARNY MUA
340259-03
SEWER REHABILITATION

Priority List Rank

270

County

HUDSON

Existing Population

34,874

Service Area

Town of Kearny

Need for Project

The Town plans to replace a corroded sewer to eliminate infiltration and to restore carrying capacity. The Town also proposes to install a mechanically cleaned bar screen for the removal of excess solids from the influent waste stream. The solids interfere with operation and maintenance.

Project Description

The proposed project includes sewer rehabilitation of a sanitary sewer line, treatment system rehabilitation. The treatment system rehabilitation includes the installation of a mechanical cleaned screen and associated controls. Also included is the installation/repair of a heating system for the pump station.

Anticipated Recipient : NEPTUNE TWP SA

Project No. : 340410-04Eligible Project Cost: \$ 4,481,756

FY04 Rank : 271

County : MONMOUTHTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission0.00000

Population0.03473

TOTAL POINTS50.03473

Project Name, Number

NEPTUNE TWP SA
340410-04
I/I CORRECTION

Priority List Rank

271

County

MONMOUTH

Existing Population

34,727

Service Area

Neptune Township, Avon-By-The-Sea Borough, Bradley Beach Borough,
Ocean Grove Camp Meeting Association

Need for Project

The infiltration/inflow analysis has found that the system is subject to excessive infiltration/inflow (I/I).

Project Description

The project will consist of an I/I correction program that is found to be cost-effective during the Sewer System Evaluation Survey. Common methods of rehabilitation are 1) grouting of joints and cracked pipes; 2) slip-lining of select reaches of sewer; and 3) total replacement of select reaches of sewer. The proposed I/I correction project will not have an appreciable effect on the treatment plant's ability to meet the established effluent limitations.

Anticipated Recipient	:	WINSLOW TWP (SICKLERSVILLE)			
Project No.	:	340895-01	Eligible Project Cost:	\$	2,013,118
FY04 Rank	:	272			
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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03461
TOTAL POINTS	50.03461

Project Name, Number

WINSLOW TWP (SICKLERSVILLE)
340895-01
I/I CORRECTION

Priority List Rank

272

County

CAMDEN

Existing Population

34,611

Service Area

Winslow Township (Sicklersville)

Need for Project

The existing collection system in the Township of Winslow is possibly subject to excessive Infiltration/Inflow (I/I).

Project Description

The project consists of the rehabilitation of the sewer system.

Anticipated Recipient	:	EWING TOWNSHIP			
Project No.	:	340397-01	Eligible Project Cost:	\$	465,419
FY04 Rank	:	273			
County	:	MERCER	Total State Amount	:	\$ 465,419

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.03419
TOTAL POINTS	50.03419

Project Name, Number

EWING TOWNSHIP
340397-01
STORMWATER/NPS MANAGEMENT

Priority List Rank

273

County

MERCER

Existing Population

34,185

Service Area

Township of Ewing

Need for Project

The Township of Ewing is in need of both a street sweeper and a flush truck. The purchase of this equipment will help the Township reduce the amount of debris that accumulates in the sewer system and, in turn, reduce solids/floatables from entering Shabakunk Creek.

Project Description

The proposed project involves the purchase of one street sweeper and one flush truck.

Anticipated Recipient	:	EWING TOWNSHIP			
Project No.	:	340397-03	Eligible Project Cost:	\$	185,346
FY04 Rank	:	273			
County	:	MERCER	Total State Amount	:	\$ 185,346

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.03419
TOTAL POINTS	50.03419

Project Name, Number

EWING TOWNSHIP
340397-03
STORMWATER MANAGEMENT

Priority List Rank

273

County

MERCER

Existing Population

34,185

Service Area

Ewing Township

Need for Project

The Township needs to reduce flooding and reduce solids transportation. The project would reduce the sediment load to prevent creation of sediment islands and minimize the scour effect on stream banks.

Project Description

The proposed project will address the degradation of the water quality in a tributary to the Gold Run by stabilizing its banks and restoring the bed to its original configuration. The stream has many areas of severe erosion that are causing significant property damage. The stabilization is approximately 1300 feet in length and will restore the conveyance area to reduce erosive velocities.

Anticipated Recipient : FORT LEE BOROUGH

Project No. : 340853-01

Eligible Project Cost: \$ 682,636

FY04 Rank : 275

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.03262

TOTAL POINTS50.03262

Project Name, Number

FORT LEE BOROUGH
340853-01
I/I CORRECTION

Priority List Rank

275

County

BERGEN

Existing Population

32,620

Service Area

Borough of Fort Lee

Need for Project

The Bergen County Utilities Authority Infiltration/Inflow (I/I) Analysis and Sewer System Evaluation survey identified excessive I/I in this municipality's sewer system.

Project Description

The excessive I/I will be removed by grouting, slip lining, and other minor rehabilitation methods.

Anticipated Recipient	:	ORANGE CITY			
Project No.	:	340859-01	Eligible Project Cost:	\$	964,562
FY04 Rank	:	276			
County	:	ESSEX	Total State Amount	:	\$ 964,562

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.03173
TOTAL POINTS	50.03173

Project Name, Number

ORANGE CITY
340859-01
I/I CORRECTION

Priority List Rank

276

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. : 340649-02Eligible Project Cost: \$ 13,800,360

FY04 Rank : 277

County : BURLINGTONTotal State Amount : \$ 13,800,360

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.03134

TOTAL POINTS50.03134

Project Name, Number

PEMBERTON TOWNSHIP MUA
340649-02
STP IMPROVEMENT, COLLECTION SYSTEM

Priority List Rank

277

County

BURLINGTON

Existing Population

31,340

Service Area

Portions of Pemberton Township including areas designated as regional growth within the Pinelands

Need for Project

The implementation of the upgrading of the Pemberton Township Municipal Utilities Authority Wastewater Treatment System will serve to enhance the groundwater quality in those area which are presently serviced by on-site septic systems. The properly planned expansion of the system will protect the environment from improper discharges to the groundwater and surface water. The upgrading of the existing facilities at the Authority's STP will be necessary to maintain the high level of treatment required for discharge into the North Branch of the Rancocas Creek in accordance with NJPDES permit No. NJ0024821. The existing plant is over twenty (20) years old is in need of rehabilitation and replacement of equipment. In the event that the collection system is enlarged the treatment plant capacity will have to expand to meet the demand.

Project Description

The proposed project includes the construction of a regional collection system and repair/replacement of various treatment units to improve treatment capabilities at the Pemberton Township MUA's STP.

Anticipated Recipient	:	EGG HARBOR TOWNSHIP MUA			
Project No.	:	340353-02	Eligible Project Cost:	\$	916,350
FY04 Rank	:	278			
County	:	ATLANTIC	Total State Amount	:	\$ 916,350

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03073
TOTAL POINTS	50.03073

Project Name, Number

EGG HARBOR TOWNSHIP MUA
340353-02
SEWER REHABILITATION

Priority List Rank

278

County

ATLANTIC

Existing Population

30,726

Service Area

Township of Egg Harbor

Need for Project

The existing thirty-five-year old asbestos cement sewer lines in West Atlantic City have deteriorated and need to be replaced.

Project Description

The project consists of replacing of 9,100 feet of sewer lines and appurtenances. fourteen inch asbestos cement sanitary sewer force main.

Anticipated Recipient	:	EGG HARBOR TOWNSHIP MUA			
Project No.	:	340753-03	Eligible Project Cost:	\$	916,350
FY04 Rank	:	278			
County	:	ATLANTIC	Total State Amount	:	\$ 916,350

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.03073
TOTAL POINTS	50.03073

Project Name, Number

EGG HARBOR TOWNSHIP MUA
340753-03
SEWER REHABILITATION

Priority List Rank

278

County

ATLANTIC

Existing Population

30,726

Service Area

West Atlantic City

Need for Project

The sanitary sewer lines are over 35 years old and greatly deteriorated due to the use of asbestos cement pipe, the selected alignment of section of the system and the aggressive nature of the soil.

Project Description

The proposed project involves replacement of 9100 feet of sewer mains, manholes, and sewer laterals.

Anticipated Recipient : WINSLOW TOWNSHIP (CEDAR BROOK)

Project No. : 340895-04

Eligible Project Cost: \$ 3,997,392

FY04 Rank : 280

County : CAMDEN

Total State Amount : \$ 3,997,392

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.03009
TOTAL POINTS	50.03009

Project Name, Number

WINSLOW TOWNSHIP (CEDAR BROOK)
340895-04
COLLECTION SYSTEM

Priority List Rank

280

County

CAMDEN

Existing Population

30,090

Service Area

Winslow Township

Need for Project

A portion of Winslow Township is presently served by on-site systems. Many of these systems are malfunctioning; consequently, there is potential for groundwater contamination.

Project Description

The project consists of the construction of a sanitary sewer extension and pump stations necessary to service the schools and local residents.

Anticipated Recipient	:	WINSLOW TOWNSHIP (W. ATCO)			
Project No.	:	340895-05	Eligible Project Cost:	\$	4,852,482
FY04 Rank	:	280			
County	:	CAMDEN	Total State Amount	:	\$ 4,852,482

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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	0.03009
TOTAL POINTS	50.03009

Project Name, Number

WINSLOW TOWNSHIP (W. ATCO)
340895-05
COLLECTION SYSTEM

Priority List Rank

280

County

CAMDEN

Existing Population

30,090

Service Area

Winslow Township

Need for Project

The West Atco area is comprised of approximately 182 acres and is contained within the Pinelands Regional Growth Area and is designated as a sewer service area in the current CCMUA Wastewater Management Plan. Existing development within this area consists of approximately 200 single family homes on small lots with wells that rely upon individual septic systems. There have been a number of failing septic systems within the West Atco area

Project Description

The proposed project includes construction of a sanitary sewer collection system, a pumping station and a force main.

Anticipated Recipient	:	MONROE MUA		
Project No.	:	340423-03	Eligible Project Cost:	\$ 2,249,480
FY04 Rank	:	282		
County	:	GLOUCESTER	Total State Amount	: \$ 2,249,480

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02897
TOTAL POINTS	50.02897

Project Name, Number

MONROE MUA
340423-03
SEWER REHABILITATION

Priority List Rank

282

County

GLOUCESTER

Existing Population

28,967

Service Area

Township of Monroe

Need for Project

The MUAs sanitary sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow in the collection system during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system. The project involves replacement of existing pipes with PVC piping.

Anticipated Recipient : MONROE TOWNSHIP

Project No. : 340423-04Eligible Project Cost: \$ 318,067

FY04 Rank : 283

County : MIDDLESEXTotal State Amount : \$ 318,067

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission0.00000

Population0.02800

TOTAL POINTS50.02800

Project Name, Number

MONROE TOWNSHIP
340423-04
STORMWATER/NPS MANAGEMENT

Priority List Rank

283

County

MIDDLESEX

Existing Population

27,999

Service Area

Monroe Township

Need for Project

Monroe Township is in need of a street sweeper and vacuum truck. The purchase of this equipment will help the Township reduce the amount of debris that accumulates in the sewer system and, in turn, reduce solids/floatables from entering the waters of the local watershed.

Project Description

The proposed project involves the purchase of one street sweeper and vacuum truck.

Anticipated Recipient : MARLBORO TOWNSHIP

Project No. : 340268-01Eligible Project Cost: \$ 169,048

FY04 Rank : 284

County : MONMOUTHTotal State Amount : \$ 169,048

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission0.00000

Population0.02797

TOTAL POINTS50.02797

Project Name, Number

MARLBORO TOWNSHIP

340268-01

STORMWATER/NPS MAINTENANCE EQUIPMENT

County

MONMOUTH

Existing Population

27,974

Service Area

Marlboro Township

Need for Project

The equipment is needed to maintain the stormwater system and detention basins to remove debris.

Project Description

The proposed project includes the purchase of special tractors to cut grass on slopes of detention basins and self-contained vacuum leaf machines.

Priority List Rank

284

Anticipated Recipient	:	PEQUANNOCK RIVER BASIN RSA			
Project No.	:	340459-05	Eligible Project Cost:	\$	604,874
FY04 Rank	:	285			
County	:	MORRIS	Total State Amount	:	\$ 604,874

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.02689
TOTAL POINTS	50.02689

Project Name, Number

PEQUANNOCK RIVER BASIN RSA
340459-05
SEWER REHABILITATION

Priority List Rank

285

County

MORRIS

Existing Population

26,893

Service Area

Borough of Butler, Borough of Bloomington, Borough of Kinnelon, and Borough of Riverdale

Need for Project

The Boonton Avenue Interceptor is aging is subject to blockages and inflow and infiltration.

Project Description

The proposed project includes replacement/rehabilitation of sections of the interceptor.

Anticipated Recipient : WEST MILFORD TOWNSHIP MUA

Project No. : 340701-08Eligible Project Cost: \$ 2,384,181

FY04 Rank : 286

County : PASSAICTotal State Amount : \$ 2,384,181

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.02543

TOTAL POINTS50.02543

Project Name, Number

WEST MILFORD TOWNSHIP MUA
340701-08
SEWER SYSTEM REHABILITATION

Priority List Rank

286

County

PASSAIC

Existing Population

25,430

Service Area

Awosting STP area of West Milford Township

Need for Project

The Awosting STP service area is subject to excessive infiltration/ inflow (I/I), as demonstrated in the May 1997 I/I Evaluation Study Project Report. The Awosting STP is permitted for an average daily flow of 45,000 gallons per day (GPD), but peak conditions can result in total system flows up to 1,000,000 GPD. This has resulted in sewage overflows near the plant and direct discharge into the Wanaque River, which flows into the Monksville Reservoir, a potable water supply source and a trout fishery. DEP has issued a Treatment Works Approval authorizing the construction and operation of temporary wet weather treatment system to address the overflow situation. Additionally, the Authority has recently executed a Consent Order with DEP that mandates the implementation of the Phase 1 project in accordance with an established compliance schedule.

Project Description

The proposed project represents phases 2 and 3 of a three-phase project for the implementation of I/I correction measures to eliminate all existing overflows. This may include the cost-effective replacement of defective and/or leaking sewers, as well as standard sewer system rehabilitation measures.

Anticipated Recipient	:	BERGEN COUNTY UA (TRIBORO)			
Project No.	:	340769-02	Eligible Project Cost:	\$	1,584,586
FY04 Rank	:	287			
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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02509
TOTAL POINTS	50.02509

Project Name, Number

BERGEN COUNTY UA (TRIBORO)
340769-02
I/I CORRECTION

Priority List Rank

287

County

BERGEN

Existing Population

25,090

Service Area

Borough of Carlstadt and portions of Rutherford and East Rutherford

Need for Project

The Bergen County Utilities Authority conducted an Infiltration/Inflow (I/I) analysis and sewer system evaluation survey which concluded that excessive I/I existed in the sewer system. The correction of this I/I will be cost-effective and result in the improved operation of a 13.8 MGD pump station used for the conveyance of sewage from the Joint Meeting STP to the Bergen County Utilities Authority system. Water Quality violations are currently experienced for dissolved oxygen, fecal coliform, and toxics standards due to the raw discharges of the existing Triboro Joint Meeting Treatment plant into the Hacken-sack River (SE-2).

Project Description

The project will consist of rehabilitation work to remove a portion of the excessive I/I. The rehabilitation project may include repair and/or grouting of sewers and joints, sealing manholes, repair/replacement of defective manhole covers and other standard rehabilitation measures. This project will also eliminate sewerage system overflows.

Anticipated Recipient : OCEAN TOWNSHIP

Project No. : 340750-04Eligible Project Cost: \$ 1,198,294

FY04 Rank : 288

County : MONMOUTHTotal State Amount : \$ 1,198,294

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02506
TOTAL POINTS	50.02506

Project Name, Number

OCEAN TOWNSHIP
340750-04
STORMWATER MANAGEMENT

Priority List Rank

288

County

MONMOUTH

Existing Population

25,058

Service Area

Township of Ocean

Need for Project

The project is needed to reduce the amount of floatables and other debris from entering the storm sewers and to reduce soil erosion and sedimentation in Harvey Brook which discharges to Deal Lake.

Project Description

The proposed project includes the purchase of a four-wheel street sweeper and streambank stabilization along Harvey Brook.

Anticipated Recipient : RIDGEWOOD VILLAGE

Project No. : 340639-07Eligible Project Cost: \$ 6,046,088

FY04 Rank : 289

County : BERGENTotal State Amount : \$ 6,046,088

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02486
TOTAL POINTS	50.02486

Project Name, Number

RIDGEWOOD VILLAGE
340639-07
I/I CORRECTION

Priority List Rank

289

County

BERGEN

Existing Population

24,860

Service Area

Village of Ridgewood

Need for Project

An Infiltration/Inflow (I/I) analysis has concluded that excessive I/I exists within the village's sewer system. Additional studies are underway to further define the quantity of excessive I/I and to propose an I/I correction program to eliminate a portion of the excessive I/I.

Project Description

This proposed project will be for the replacement of sections of sanitary sewer pipe, grouting of sewer lines, grouting and sealing leaking manholes, and repair or adjustments of defective manholes.

Anticipated Recipient : CRANFORD TOWNSHIP

Project No. : 340858-01

Eligible Project Cost: \$ 629,918

FY04 Rank : 290

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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

Population

TOTAL POINTS

0.00000

0.02408

50.02408

Project Name, Number

CRANFORD TOWNSHIP
340858-01
I/I CORRECTION

Priority List Rank

290

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 : MAPLEWOOD TOWNSHIP

Project No. : 340283-02Eligible Project Cost: \$ 5,479,091

FY04 Rank : 291

County : ESSEXTotal State Amount : \$ 5,479,091

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission0.00000

Population0.02387

TOTAL POINTS50.02387

Project Name, Number

MAPLEWOOD TOWNSHIP
340283-02
STORMWATER MANAGEMENT

Priority List Rank

291

County

ESSEX

Existing Population

23,868

Service Area

Maplewood Township

Need for Project

The Township needs to reduce flooding and reduce solids transportation. The project would reduce the sediment load to prevent creation of sediment islands and minimize the scour effect on stream banks.

Project Description

The proposed project will address the degradation of the water quality in East Branch of the Rahway River by stabilizing its banks and restoring the bed to its original configuration.

Anticipated Recipient	:	MADISON-CHATHAM JOINT MEETING			
Project No.	:	340715-03	Eligible Project Cost:	\$	782,388
FY04 Rank	:	292			
County	:	MORRIS	Total State Amount	:	\$ 782,388

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.02377
TOTAL POINTS	50.02377

Project Name, Number

MADISON-CHATHAM JOINT MEETING
340715-03
I/I CORRECTION

Priority List Rank

292

County

MORRIS

Existing Population

23,770

Service Area

Borough of Chatham, Borough of Madison

Need for Project

An Infiltration/Inflow (I/I) analysis has been completed which documents the existence of excessive I/I within the service area. Additional studies are under way to further define the quantity of excessive I/I and to propose an I/I correction program to mitigate hydraulic overloading of the plant during severe storms.

Project Description

This proposed project will consist of an I/I correction program to remove a portion of the excessive I/I. This will include replacement of sections of sanitary sewer pipe, grouting of sewer lines, grouting and sealing leaking manholes and repair of and adjustments to defective manholes.

Anticipated Recipient : CRANFORD TOWNSHIP

Project No. : 340858-02Eligible Project Cost: \$ 2,062,552

FY04 Rank : 293

County : UNIONTotal State Amount : \$ 2,062,552

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02258
TOTAL POINTS	50.02258

Project Name, Number

CRANFORD TOWNSHIP
340858-02
STORMWATER MANAGEMENT

Priority List Rank

293

County

UNION

Existing Population

22,578

Service Area

Township of Cranford

Need for Project

Flooding in the project area is having adverse effects on water quality in the Rahway River. The proposed project will improve water quality by reducing sediments from upstream runoff using vegetated low flow channels and erosion controls, by reducing floatables through an upstream bar rack and new gratings on inlets, and by reducing sanitary sewer backups and overflows caused by street flooding inflow.

Project Description

The proposed project includes construction of two storm sewers and a 4'x6' express sewer. The Township will also construct a vegetated swale to capture and divert upland surface runoff into the express sewer.

Anticipated Recipient	:	SOUTH BRUNSWICK TOWNSHIP			
Project No.	:	340866-01	Eligible Project Cost:	\$	374,327
FY04 Rank	:	294			
County	:	MIDDLESEX	Total State Amount	:	\$ 374,327

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.02236
TOTAL POINTS	50.02236

Project Name, Number

SOUTH BRUNSWICK TOWNSHIP
340866-01
I/I CORRECTION

Priority List Rank

294

County

MIDDLESEX

Existing Population

22,360

Service Area

South Brunswick Township (Kendall Park)

Need for Project

The Township has had an ongoing I/I program since 1990. Sewer lines have been televised and problem areas recorded. Small problems have been corrected, but, certain areas require lining or replacement of existing lines.

Project Description

The project involves the lining or replacement of existing sewer lines on an "as needed" basis to reduce I/I in the system.

Anticipated Recipient : LONG HILL TOWNSHIP

Project No. : 340404-06

Eligible Project Cost: \$ 2,317,315

FY04 Rank : 295

County : MORRIS

Total State Amount : \$ 2,317,315

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.02180

TOTAL POINTS50.02180

Project Name, Number

LONG HILL TOWNSHIP
340404-06
SEWER REHABILITATION

Priority List Rank

295

County

MORRIS

Existing Population

21,796

Service Area

Township of Long Hill

Need for Project

The Township's sanitary sewer system is subject inflow and infiltration causing sewage to overflow in the collection system and at the treatment plant increasing loadings to the Passaic River during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system and sewage treatment plant. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the sewer system. The Township also proposes to install phosphorous removal equipment at the treatment plant.

Anticipated Recipient	:	HAZLET TOWNSHIP			
Project No.	:	340968-01	Eligible Project Cost:	\$	916,350
FY04 Rank	:	296			
County	:	MONMOUTH	Total State Amount	:	\$ 916,350

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.02138
TOTAL POINTS	50.02138

Project Name, Number

HAZLET TOWNSHIP
340968-01
I/I CORRECTION

Priority List Rank

296

County

MONMOUTH

Existing Population

21,378

Service Area

Hazlet Township

Need for Project

The Township's sanitary sewer system is subject to inflow and infiltration causing sewage to back up in the collection system. A 30 year old pump station must be replaced.

Project Description

The proposed project includes an infiltration/inflow correction program and replacement of a pump station.

Anticipated Recipient : EDGEWATER BOROUGH

Project No. : 340443-05Eligible Project Cost: \$ 3,091,877

FY04 Rank : 296

County : BERGENTotal State Amount : \$ 3,091,877

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.02138

TOTAL POINTS50.02138

Project Name, Number

EDGEWATER BOROUGH
340443-05
I/I CORRECTION

Priority List Rank

296

County

BERGEN

Existing Population

21,380

Service Area

Edgewater, Cliffside Park (portion), Fort Lee (portion)

Need for Project

To eliminate the excessive infiltration and inflow to extend the useful life of the sewer.

Project Description

There are approximately 25 miles of existing sewers in the Borough. The Edgewater STP presently has an influent rate of 3.3 mgd, of which 0.37 mgd has been identified as possibly being excessive. The sewer system evaluation survey program is currently in the process of identifying and verifying those areas which are susceptible to the excessive I/I. I/I correction as determined to be cost effective will follow.

Anticipated Recipient : HAZLET TOWNSHIP

Project No. : 340968-02

Eligible Project Cost: \$ 416,419

FY04 Rank : 296

County : MONMOUTH

Total State Amount : \$ 416,419

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.02138

TOTAL POINTS50.02138

Project Name, Number

HAZLET TOWNSHIP
340968-02
STORMWATER/NPS MANAGEMENT

Priority List Rank

296

County

MONMOUTH

Existing Population

21,378

Service Area

Hazlet Township

Need for Project

The Township lacks a stormwater drainage system, which results in frequent flooding and other concerns.

Project Description

The proposed project includes the installation and replacement of inlets and storm pipes in problem areas of the Township. Also included is the construction of a salt dome for stormwater/nps management.

Anticipated Recipient	:	HAZLET TOWNSHIP			
Project No.	:	340968-03	Eligible Project Cost:	\$	140,163
FY04 Rank	:	296			
County	:	MONMOUTH	Total State Amount	:	\$ 140,163

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.02138
TOTAL POINTS	50.02138

Project Name, Number

HAZLET TOWNSHIP
340968-03
STORMWATER MANAGEMENT

Priority List Rank

296

County

MONMOUTH

Existing Population

21,378

Service Area

Hazlet Township

Need for Project

The Township needs a jet-vac so that clogged storm sewers can be cleared to prevent standing stormwater that can contribute to non-point source pollution of the Township waterways.

Project Description

The proposed project is for the purchase of a jet-vac for cleaning storm sewers.

Anticipated Recipient : HILLSIDE TOWNSHIP

Project No. : 340906-03

Eligible Project Cost: \$ 1,110,388

FY04 Rank : 300

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02137
TOTAL POINTS	50.02137

Project Name, Number

HILLSIDE TOWNSHIP

340906-03

I/I CORRECTION & SEWER PUMP

County

UNION

Existing Population

21,370

Service Area

Township of Hillside

Need for Project

The existing collection system serving the Township is very old, and is subject to an extreme amount of I/I. Rehabilitation of the entire sanitary sewer system is necessary to remove 650,000 gpd of I/I to prevent overflows from the existing collection system and back-ups into residential and industrial establishments.

Project Description

This proposed project will be for an I/I correction program to eliminate the portion of I/I that is excessive and detrimental to the existing collection system. In some cases minor replacement may be necessary. Also proposed is the major rehabilitation of an existing sewage pumping station.

Priority List Rank

300

Anticipated Recipient : MOUNT OLIVE TOWNSHIP

Project No. : 340537-05

Eligible Project Cost: \$ 1,266,579

FY04 Rank : 301

County : MORRIS

Total State Amount : \$ 1,266,579

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.02128

TOTAL POINTS50.02128

Project Name, Number

MOUNT OLIVE TOWNSHIP
340537-05
STORMWATER MANAGEMENT

Priority List Rank

301

County

MORRIS

Existing Population

21,282

Service Area

Township of Mount Olive

Need for Project

The stormwater runoff from the Country Club Estates development is conveyed to the floodplain of the South Branch of the Raritan River and Budd Lake via overland flow. No drainage system currently exists.

Project Description

The proposed project involves the construction of a storm drainage system, including storm pipes, inlets and headwalls.

Anticipated Recipient : ROSELLE BOROUGH

Project No. : 340314-01Eligible Project Cost: \$ 1,592,589

FY04 Rank : 302

County : UNIONTotal State Amount : \$ 1,592,589

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission0.00000

Population0.02127

TOTAL POINTS50.02127

Project Name, Number

ROSELLE BOROUGH
340314-01
I/I CORRECTION

Priority List Rank

302

County

UNION

Existing Population

21,274

Service Area

Borough of Roselle

Need for Project

The Infiltration/Inflow (I/I) analysis of the collection system indicates that the city sewerage system has excessive I/I.

Project Description

The proposed project will be for an Infiltration/Inflow correction program to eliminate excessive I/I from the sewerage system.

Anticipated Recipient : CARTERET BOROUGH

Project No. : 340939-01Eligible Project Cost: \$ 7,234,505

FY04 Rank : 303

County : MIDDLESEXTotal State Amount : \$ 7,234,505

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.02071
TOTAL POINTS	50.02071

Project Name, Number

CARTERET BOROUGH
340939-01
I/I CORRECTION

Priority List Rank

303

County

MIDDLESEX

Existing Population

20,709

Service Area

Borough of Carteret

Need for Project

Having an old sewer system, the rate of infiltration/inflow during storm events in Carteret is very high. Carteret's main pumping station receives flow far greater than its pumping capacity at such times. The structural integrity of the five pumping stations, sewer lines, and manholes is in question and will need to be replaced, upgraded, and/or rehabilitated.

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, five pumping stations will be upgraded and interceptor may be increased in size.

Anticipated Recipient : RANDOLPH TOWNSHIP

Project No. : 340632-07

Eligible Project Cost: \$ 8,842,391

FY04 Rank : 304

County : MORRIS

Total State Amount : \$ 8,842,391

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01997

TOTAL POINTS50.01997

Project Name, Number

RANDOLPH TOWNSHIP
340632-07
INTERCEPTOR, REHABILITATION

Priority List Rank

304

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	:	MOORESTOWN TOWNSHIP			
Project No.	:	340912-02	Eligible Project Cost:	\$	862,491
FY04 Rank	:	305			
County	:	BURLINGTON	Total State Amount	:	\$ 862,491

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.01902
TOTAL POINTS	50.01902

Project Name, Number

MOORESTOWN TOWNSHIP
340912-02
SEWER REHABILITATION

County

BURLINGTON

Existing Population

19,017

Service Area

Township of Moorestown

Need for Project

The Township's sewer main is corroded and discharges sewage to the stormwater sytem.

Project Description

The proposed project includes replacement of the asbestos cement pipe with PVC pipe.

Priority List Rank

305

Anticipated Recipient	:	BRIDGETON CITY			
Project No.	:	340829-01	Eligible Project Cost:	\$	1,362,805
FY04 Rank	:	306			
County	:	CUMBERLAND	Total State Amount	:	\$ 1,362,805

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.01876
TOTAL POINTS	50.01876

Project Name, Number

BRIDGETON CITY
340829-01
I/I CORRECTION

Priority List Rank

306

County

CUMBERLAND

Existing Population

18,760

Service Area

City of Bridgeton

Need for Project

The majority of the sanitary sewers in the City of Bridgeton were installed between 1880 and 1954 and are now in need of repair and rehabilitation to maintain the integrity of the system as well as protect the public health.

Project Description

The proposed project includes the inspection and repair of the existing sanitary sewer system by flushing, inspecting, sealing or replacing leaking or broken pipes, valves and pumps.

Anticipated Recipient : EDGEWATER BOROUGH

Project No. : 340446-06Eligible Project Cost: \$ 2,207,442

FY04 Rank : 307

County : BERGENTotal State Amount : \$ 2,207,442

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01850

TOTAL POINTS50.01850

Project Name, Number

EDGEWATER BOROUGH
340446-06
COLLECTION SYSTEM

Priority List Rank

307

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 : HAWTHORNE BOROUGH

Project No. : 340881-03Eligible Project Cost: \$ 2,451,173

FY04 Rank : 308

County : PASSAICTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01822
TOTAL POINTS	50.01822

Project Name, Number

HAWTHORNE BOROUGH
340881-03
SEWER REHABILITATION

Priority List Rank

308

County

PASSAIC

Existing Population

18,218

Service Area

Borough of Hawthorne

Need for Project

The existing sanitary sewer lines have insufficient capacity and suffer frequent surcharging and periodic overflows. Two pumping stations require major rehabilitation and upgrade.

Project Description

The proposed project includes replacement of sanitary sewer pipe with larger diameter pipe and rehabilitation of two pump stations.

Anticipated Recipient : ELMWOOD PARK BOROUGH

Project No. : 340863-01Eligible Project Cost: \$ 1,091,170

FY04 Rank : 309

County : BERGENTotal State Amount : \$ 1,091,170

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.01800
TOTAL POINTS	50.01800

Project Name, Number

ELMWOOD PARK BOROUGH
340863-01
I/I CORRECTION

Priority List Rank

309

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. : 340922-01Eligible Project Cost: \$ 3,625,787

FY04 Rank : 310

County : BERGENTotal State Amount : \$ 3,625,787

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01771

TOTAL POINTS50.01771

Project Name, Number

DUMONT BOROUGH
340922-01
SEWER REHABILITATION

Priority List Rank

310

County

BERGEN

Existing Population

17,710

Service Area

Dumont

Need for Project

The existing Sanitary Sewer System serves the Borough of Dumont and is approximately 65 years old. Treatment of the wastewater collected is provided by the Bergen County Utilities Authority at the Little Ferry Treatment Plant. Field investigations and existing records available at the Department of Public Works of the Borough of Dumont reveal that the condition of the sanitary sewer system is substandard. There are many sections of this mostly clay pipe system that have been troublesome, resulting in frequent blockages and requiring significant efforts and time by the Department of Public Works to clear the lines. These blockages and problems are caused mainly by undersized piping, cracking of pipes, root intrusion, offset joints and inadequate slopes.

The purpose of the program to rehabilitate the Sanitary Sewer System is to correct these problem areas and also to decrease the amount of infiltration into the system.

Project Description

The areas of the system requiring rehabilitation were selected based on the problems incurred as recorded in the Department of Public Works files and past field investigations.

The proposed scope of work will be carried out in four (4) phases over a 4-year period. The first phase will cover the southwest quadrant of the Borough where the system connects up with Bergen County Utilities Authority's System; the second phase will cover the northwest quadrant; the third phase, the southwest quadrant; and the fourth and final phase, the northeast quadrant.

Anticipated Recipient : ABERDEEN TOWNSHIP

Project No. : 340869-02Eligible Project Cost: \$ 2,871,253

FY04 Rank : 311

County : MONMOUTHTotal State Amount : \$ 2,871,253

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01745

TOTAL POINTS50.01745

Project Name, Number

ABERDEEN TOWNSHIP
340869-02
COLLECTION SYSTEM

Priority List Rank

311

County

MONMOUTH

Existing Population

17,454

Service Area

Freneau section of Aberdeen Township

Need for Project

The Freneau section of Aberdeen Township is serviced by individual subsurface sewage disposal systems. Due to the soil characteristics and high-groundwater table, many of the systems are failing and discharging into Birch Swamp Brook and Matawan Creek.

Project Description

The proposed project includes construction of a wastewater collection system along with a pump station and force main to connect to an existing interceptor.

Anticipated Recipient	:	STONY BROOK REGIONAL SA			
Project No.	:	340400-03	Eligible Project Cost:	\$	560,281
FY04 Rank	:	312			
County	:	MERCER	Total State Amount	:	\$ 560,281

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01712
TOTAL POINTS	50.01712

Project Name, Number

STONY BROOK REGIONAL SA
340400-03
I/I CORRECTION

Priority List Rank

312

County

MERCER

Existing Population

17,120

Service Area

Township of South Brunswick

Need for Project

The collection system has been studied to identify extraneous infiltration and inflow sources. These sources raise the flow to the Stony Brook STP, but cause no operational or transmission problems other than those associated with a weak influent.

Project Description

This project would provide cost-effective removal of I/I in the South Brunswick collection system. Sections would be repaired, replaced or relined. Also, manholes are to be grouted and manhole covers replaced with gasket covers.

Anticipated Recipient : PALISADES PARK BOROUGH

Project No. : 340313-01Eligible Project Cost: \$ 430,399

FY04 Rank : 313

County : BERGENTotal State Amount : \$ 430,399

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01707

TOTAL POINTS50.01707

Project Name, Number

PALISADES PARK BOROUGH
340313-01
SEWER REHABILITATION

Priority List Rank

313

County

BERGEN

Existing Population

17,073

Service Area

Borough of Washington

Need for Project

The Borough's sanitary sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow in the collection system during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the sewer system.

Anticipated Recipient : ASBURY PARK CITY

Project No. : 340884-01Eligible Project Cost: \$ 2,157,878

FY04 Rank : 314

County : MONMOUTHTotal State Amount : \$ 2,157,878

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01701

TOTAL POINTS50.01701

Project Name, Number

ASBURY PARK CITY
340884-01
I/I CORRECTION

Priority List Rank

314

County

MONMOUTH

Existing Population

17,010

Service Area

Asbury Park City

Need for Project

The existing collection system consists of vitrified clay pipes with leaky joints. A large portion of the piping may be cracked, leading to infiltration.

Project Description

The project consists of replacement of a major portion of the collection system.

Anticipated Recipient : WEST WINDSOR TOWNSHIP

Project No. : 340491-02

Eligible Project Cost: \$ 570,013

FY04 Rank : 315

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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 Commission0.00000

Population0.01602

TOTAL POINTS50.01602

Project Name, Number

WEST WINDSOR TOWNSHIP
340491-02
COLLECTION SYSTEM

Priority List Rank

315

County

MERCER

Existing Population

16,021

Service Area

West Windsor Township

Need for Project

Failure of on-site sewage disposal systems within the township are causing potential environmental or health hazards and creating a public nuisance.

Project Description

The proposed project includes the construction of a collection system and force main to connect to an existing pump station that will convey flows to the Township's treatment facility.

Anticipated Recipient : SECAUCUS TOWN

Project No. : 340029-02Eligible Project Cost: \$ 9,137,611

FY04 Rank : 316

County : HUDSONTotal State Amount : \$ 9,137,611

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01593
TOTAL POINTS	50.01593

Project Name, Number

SECAUCUS TOWN
340029-02
STORMWATER MANAGEMENT

Priority List Rank

316

County

HUDSON

Existing Population

15,931

Service Area

Town of Secaucus

Need for Project

The proposed project is needed to address the impacts of nonpoint source pollution by reducing flooding in the Upper Sack Creek watershed.

Project Description

The proposed project includes the upgrade of an existing storm water pump station, reconstruction of the outfall, and construction of a new stormwater pump station and outfall.

Anticipated Recipient : READINGTON TOWNSHIP

Project No. : 340577-07

Eligible Project Cost: \$ 226,059

FY04 Rank : 317

County : HUNTERDON

Total State Amount : \$ 226,059

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01580

TOTAL POINTS50.01580

Project Name, Number

READINGTON TOWNSHIP
340577-07
I/I CORRECTION

Priority List Rank

317

County

HUNTERDON

Existing Population

15,803

Service Area

Township of Readington

Need for Project

The Township's sanitary sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow in the collection system and at the treatment plant during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system and sewage treatment plant. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the sewer system.

Anticipated Recipient : GLASSBORO BOROUGH

Project No. : 340545-04Eligible Project Cost: \$ 3,968,099

FY04 Rank : 318

County : GLOUCESTERTotal State Amount : \$ 3,968,099

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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 Commission0.00000

Population0.01561

TOTAL POINTS50.01561

Project Name, Number

GLASSBORO BOROUGH
340545-04
COLLECTION SYSTEM

Priority List Rank

318

County

GLOUCESTER

Existing Population

15,614

Service Area

Borough of Glassboro

Need for Project

The project is needed to extend sanitary sewer into the last portion of the Borough that is not currently serviced. The sixty-plus homes not serviced have antiquated disposal systems several decades old. Residents are experiencing problems due to insufficient soils and high ground water.

Project Description

The proposed project involves extension of the 15" interceptor along with construction of a gravity collection system.

Anticipated Recipient : OCEAN CITY

Project No. : 340730-01Eligible Project Cost: \$ 57,540

FY04 Rank : 319

County : CAPE MAYTotal State Amount : \$ 57,540

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01549

TOTAL POINTS50.01549

Project Name, Number

OCEAN CITY
340730-01
I/I CORRECTION

Priority List Rank

319

County

CAPE MAY

Existing Population

15,490

Service Area

Ocean City

Need for Project

The infiltration/inflow analysis has found that the system is subject to possible excessive infiltration/inflow (I/I).

Project Description

The rehabilitation of Ocean City's sanitary sewer system includes the sealing, repair, or replacement of defective pipes, manholes and lateral connections.

Anticipated Recipient	:	FRANKLIN TOWNSHIP (GLOUCESTER CO.)		
Project No.	:	340839-03	Eligible Project Cost:	\$ 1,645,877
FY04 Rank	:	320		
County	:	GLOUCESTER	Total State Amount	: \$ 1,645,877

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.01547
TOTAL POINTS	50.01547

Project Name, Number

FRANKLIN TOWNSHIP (GLOUCESTER CO.)
340839-03
COLLECTION SYSTEM

Priority List Rank

320

County

GLOUCESTER

Existing Population

15,466

Service Area

Township of Franklin

Need for Project

The proposed project will replace existing on-site sewage disposal systems, some of which reportedly are failing, or do not meet current standards.

Project Description

The proposed project includes installation of a new collection system.

Anticipated Recipient : WARREN CO LOPAT SA

Project No. : 340580-04

Eligible Project Cost: \$ 2,463,225

FY04 Rank : 321

County : WARREN

Total State Amount : \$ 2,463,225

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.01542
TOTAL POINTS	50.01542

Project Name, Number

WARREN CO LOPAT SA
340580-04
I/I CORRECTION

Priority List Rank

321

County

WARREN

Existing Population

15,420

Service Area

The Warren County-Lopatcong Creek Sewerage Authority is retaining a spot on the Priority List for rehabilitation of the local collection systems within their 201 Facilities Planning Area. The planning area lies in the Delaware Watershed and includes Alpha Borough and Lopatcong, Pohatcong, Harmony and Greenwich Townships.

Need for Project

Sanitary collection systems currently serve Alpha, Lopatcong, and Pohatcong. The existing Phillipsburg plant (NJ0024716) presently treats domestic and industrial waste from the above municipalities. Constructed in 1950 - 1951 with a design capacity of 3.5 MGD, the plant provides secondary treatment by means of an activated sludge process. Present flows average slightly over 2.1 MGD, but peak conditions can result in flows over 6.0 MGD which lead to a by-pass of the plant and direct discharge of untreated effluent into the Lopatcong Creek, FW2-TM (tributary to Delaware River). There also are known cross connection between the storm and sanitary sewerage systems. These raw discharges result in frequent violations of fecal coliform standards, and marginal degradation from nutrient and toxic impacts. An I/I analysis included in the facilities plan concluded infiltration to be non-excessive, but recommended a Sewer System Evaluation Survey (SSES @ \$26,000) to study the removal of excessive inflow and the elimination of the system by-passes.

Project Description

The proposed SSES will refine the conclusions of the I/I analysis and make recommendations for I/I correction. The project will allow for the construction and implementation of the cost effective rehabilitation measures. This will result in the abatement of the raw sewage by-pass problem presently experienced both in the collection systems and at the plant.

Anticipated Recipient : BERNARDS TOWNSHIP SA

Project No. : 340382-03

Eligible Project Cost: \$ 482,182

FY04 Rank : 322

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.01530

TOTAL POINTS50.01530

Project Name, Number

BERNARDS TOWNSHIP SA
340382-03
I/I CORRECTION

Priority List Rank

322

County

SOMERSET

Existing Population

15,300

Service Area

Bernards Township

Need for Project

There is excessive infiltration/inflow in the existing collection system which can be cost-effectively removed by I/I correction. However, the operation of the treatment plant will not be affected by the excessive I/I.

Project Description

The proposed project involves I/I correction of the existing sewer system through a cleaning, TVing, air testing, and grouting program. To correct the inflow problems, the project will also include manhole cover replacement and will address illegal connections.

Anticipated Recipient : SPARTA TOWNSHIP

Project No. : 340495-04Eligible Project Cost: \$ 2,821,542

FY04 Rank : 323

County : SUSSEXTotal State Amount : \$ 2,821,542

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01516

TOTAL POINTS50.01516

Project Name, Number

SPARTA TOWNSHIP
340495-04
COLLECTION SYSTEM

Priority List Rank

323

County

SUSSEX

Existing Population

15,157

Service Area

Township of Sparta

Need for Project

The Township has identified the need for sewer collection system in the designated Town Center.

Project Description

The proposed project includes the construction of a collection and conveyance system consisting of 13,300 l.f. of gravity line plus appurtenances and two pumping stations.

Anticipated Recipient : CINNAMINSON SA

Project No. : 340170-02

Eligible Project Cost: \$ 2,718,518

FY04 Rank : 324

Total State Amount : \$ 2,718,518

County : BURLINGTON

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01460
TOTAL POINTS	50.01460

Project Name, Number

CINNAMINSON SA
340170-02
SEWER REHABILITATION

Priority List Rank

324

County

BURLINGTON

Existing Population

14,595

Service Area

Township of Cinnaminson

Need for Project

The existing forty-year old asbestos cement force main has failed in places creating a discharge of untreated sewage to ground water. The force main must be lined or replaced to prevent future discharges.

Project Description

The project consists of lining or replacement of 12,000 feet of fourteen inch asbestos cement sanitary sewer force main. The method of rehabilitation will be determined on a segment by segment basis.

Anticipated Recipient : PLEASANTVILLE CITY

Project No. : 340752-01

Eligible Project Cost: \$ 220,365

FY04 Rank : 325

County : ATLANTIC

Total State Amount : \$ 220,365

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	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 Commission0.00000

Population0.01437

TOTAL POINTS50.01437

Project Name, Number

PLEASANTVILLE CITY
340752-01
I/I CORRECTION

Priority List Rank

325

County

ATLANTIC

Existing Population

14,370

Service Area

The service area includes the City of Pleasantville. This is a bayfront community located approximately ten miles west of the Atlantic County coastal wastewater treatment plant.

Need for Project

The wastewater collection system of Pleasantville was originally constructed in 1945, with new extensions added periodically. It consists of 294,684 linear feet of terra cotta, vitrified clay and cast iron pipe. The SSES investigation determined that the system was experiencing an average of 339,120 gpd of infiltration from a total of 37,585 linear feet of pipe.

Project Description

This project entails I/I correction of the sewer system of Pleasantville City.

Anticipated Recipient : VERONA BOROUGH

Project No. : 340533-04

Eligible Project Cost: \$ 1,465,130

FY04 Rank : 326

County : ESSEX

Total State Amount : \$ 1,465,130

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.01415
TOTAL POINTS	50.01415

Project Name, Number

VERONA BOROUGH
340533-04
I/I CORRECTION

Priority List Rank

326

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. : 340855-01Eligible Project Cost: \$ 1,465,130

FY04 Rank : 327

County : UNIONTotal State Amount : \$ 1,465,130

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01409
TOTAL POINTS	50.01409

Project Name, Number

SPRINGFIELD TOWNSHIP
340855-01
I/I CORRECTION

Priority List Rank

327

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 : HIGHLAND PARK BOROUGH

Project No. : 340938-01Eligible Project Cost: \$ 4,315,232

FY04 Rank : 328

County : MIDDLESEXTotal State Amount : \$ 4,315,232

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01328

TOTAL POINTS50.01328

Project Name, Number

HIGHLAND PARK BOROUGH
340938-01
I/I CORRECTION

Priority List Rank

328

County

MIDDLESEX

Existing Population

13,279

Service Area

Highland Park

Need for Project

The Borough of Highland Park's gravity sewers suffer from infiltration/inflow due, in part, to faulty joints, cracked or collapsed pipes and leaky manholes. In addition, some of the Borough's sanitary sewers are located in high groundwater areas, further increasing infiltration.

Project Description

The proposed project includes evaluation of the existing sanitary sewer mains through TV inspection. Pipes found to be in good condition shall be cleaned and have the joints grouted. Pipes with minor cracks will be grouted. Deteriorated manholes will be rehabilitated and have watertight covers installed.

Anticipated Recipient : HIGHLAND PARK BOROUGH

Project No. : 340938-02Eligible Project Cost: \$ 479,390

FY04 Rank : 328

County : MIDDLESEXTotal State Amount : \$ 479,390

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01328

TOTAL POINTS50.01328

Project Name, Number

HIGHLAND PARK BOROUGH
340938-02
STORMWATER MANAGEMENT

Priority List Rank

328

County

MIDDLESEX

Existing Population

13,279

Service Area

Highland Park

Need for Project

The Borough plans to inspect and map the storm sewer system to identify sensitive areas affected by the discharge of storm sewer flows and to locate any existing cross connections. This will enable the Borough to respond better to potential future hazardous material spills. In addition, storm sewer system cleaning and rehabilitation will improve water quality and reduce localized flooding.

Project Description

This project proposes to clean, TV inspect, and map the existing storm sewer system. Deteriorated catch basins and manholes will be rehabilitated, broken pipes replaced or repaired and any cross connections eliminated.

Anticipated Recipient : CLINTON TWP SEWERAGE AUTHORITY

Project No. : 340873-01

Eligible Project Cost: \$ 535,216

FY04 Rank : 330

County : HUNTERDON

Total State Amount : \$ 535,216

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.01296
TOTAL POINTS	50.01296

Project Name, Number

CLINTON TWP SEWERAGE AUTHORITY
340873-01
PUMP STATION REHABILITATION

Priority List Rank

330

County

HUNTERDON

Existing Population

12,957

Service Area

Clinton Town

Need for Project

Excessive infiltration associated with the Clinton Township Sewerage Authority system results in periodic sewage overflows. A water quality impact to tributaries of the South Branch Raritan River in the Clinton area (Classification FW2-TM) has not been definitely established at this time.

Project Description

Rehabilitation of existing conveyance and pumping facilities is proposed to correct the periodic sewage overflow problem.

Anticipated Recipient	:	CEDAR GROVE TOWNSHIP			
Project No.	:	340717-05	Eligible Project Cost:	\$	374,327
FY04 Rank	:	331			
County	:	ESSEX	Total State Amount	:	\$ 374,327

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.01262
TOTAL POINTS	50.01262

Project Name, Number

CEDAR GROVE TOWNSHIP
340717-05
I/I CORRECTION

Priority List Rank

331

County

ESSEX

Existing Population

12,620

Service Area

Township of Cedar Grove

Need for Project

An Infiltration/Inflow (I/I) analysis has concluded that the Township's sewer system exhibits excessive I/I. Additional studies are underway to further define this excessive I/I and to propose a sewer rehabilitation program.

Project Description

This proposed project will consist of minor rehabilitation work to remove a portion of the excessive I/I. Construction of an equalization basin for storage of inflow may be recommended depending upon the conclusion of the additional on-going studies.

Anticipated Recipient : PARSIPPANY-TROY HILLS TWP

Project No. : 340766-02

Eligible Project Cost: \$ 51,639

FY04 Rank : 332

County : MORRIS

Total State Amount : \$ 51,639

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01260

TOTAL POINTS50.01260

Project Name, Number

PARSIPPANY-TROY HILLS TWP
340766-02
I/I CORRECTION

Priority List Rank

332

County

MORRIS

Existing Population

12,600

Service Area

Parsippany-Troy Hills-Study zones C & D

Need for Project

An infiltration/inflow (I/I) analysis has concluded that excessive I/I exists in the sewer system. Additional studies will define this excess quantity and propose an I/I correction program to eliminate a portion of the excessive I/I.

Project Description

This project is for the I/I correction of the Township's sewer system. The project involves grouting of manholes, raising and resetting manhole frames and covers, internal pressure grouting of sewer joints, excavation and removal of 2 storm sewer connections, repair of one service connection, and elimination of sump pumps, roof leaders and yard drains. This I/I correction project does not affect the treatment system.

Anticipated Recipient	:	ROXBURY TWP			
Project No.	:	340381-05	Eligible Project Cost:	\$	1,344,941
FY04 Rank	:	333			
County	:	MORRIS	Total State Amount	:	\$ 1,344,941

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.01210
TOTAL POINTS	50.01210

Project Name, Number

ROXBURY TWP
340381-05
I/I CORRECTION

Priority List Rank

333

County

MORRIS

Existing Population

12,100

Service Area

Roxbury Township and portions of Mine Hill, Mount Arlington and Randolph

Need for Project

To eliminate excessive inflow into the sewer system.

Project Description

The Ajax Terrace sewage treatment plant has a sewer configuration 50 miles in length with a dry weather flow of 0.94 mgd. The infiltration has been determined to be nonexcessive. However, excessive inflow does exist since the plant flow records indicated that the wet weather flows were as much as 4 times greater than the dry weather flows. Inflow investigation is presently underway to identify the locations, magnitudes, and causes of this inflow problem. It is expected that a sewer system evaluation survey and I/I correction program will follow.

Anticipated Recipient	:	HACKETTSTOWN MUA			
Project No.	:	340803-03	Eligible Project Cost:	\$	641,034
FY04 Rank	:	334			
County	:	WARREN	Total State Amount	:	\$ 641,034

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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	0.01199
TOTAL POINTS	50.01199

Project Name, Number

HACKETTSTOWN MUA
340803-03
SEWAGE TREATMENT & DISPOSAL

Priority List Rank

334

County

WARREN

Existing Population

11,990

Service Area

Hackettstown Town, Independence Township

Need for Project

Disposing of septage in unlined landfills was prohibited as of March 15, 1985 to prevent degradation of groundwater quality. An alternative disposal method is the utilization of existing treatment facilities. Therefore, the municipalities indicated above have been assigned to the Hackettstown Municipal Utilities Authority treatment plant as designated in Appendix A of the Statewide Septage Management Plan. This project is necessary to ensure that septage disposal for existing and future development is in conformance with said plan.

It should also be noted that the present facilities for handling septage wastes generated within the above service area are inadequate to handle the quantity and quality of wastes proposed to be accepted.

Project Description

A septage management plan has already been approved by the NJDEP. The facility plan recommends the construction of additional septage handling facilities at the HMUA wastewater treatment plant. The proposed facilities consist of a receiving station, receiving chamber, holding tank, pumping station, piping, valves and miscellaneous equipment to provide the capability of diverting septage at a controlled rate to the primary digester or the division box upstream of the primary clarifier.

Anticipated Recipient : HASBROUCK HEIGHTS BOROUGH

Project No. : 340329-01Eligible Project Cost: \$ 14,226,449

FY04 Rank : 335

County : BERGENTotal State Amount : \$ 14,226,449

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.01166

TOTAL POINTS50.01166

Project Name, Number

HASBROUCK HEIGHTS BOROUGH
340329-01
SEWER REHABILITATION

Priority List Rank

335

County

BERGEN

Existing Population

11,662

Service Area

Borough of Hasbrouck Heights

Need for Project

The existing sanitary sewer system is aging and has deteriorated in some areas and collapsed in other areas. A new siphon line is needed to stop sanitary overflows during rain storms.

Project Description

The proposed project includes consists of the repair, replacement, or relining of several sections of the Borough's sewer system. The Borough also proposes to install a new siphon line and chamber.

Anticipated Recipient : HASBROUCK HEIGHTS BOROUGH

Project No. : 340329-02Eligible Project Cost: \$ 6,614,815

FY04 Rank : 335

County : BERGENTotal State Amount : \$ 6,614,815

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01166
TOTAL POINTS	50.01166

Project Name, Number

HASBROUCK HEIGHTS BOROUGH
340329-02
STORMWATER MANAGEMENT

Priority List Rank

335

County

BERGEN

Existing Population

11,662

Service Area

Borough of Hasbrouck Heights

Need for Project

The storm sewer system in the Borough does not function properly because of problems with the riser ditch resulting in flooding. Flooding also results in more grease/oil, pesticides, fertilizers, etc. being introduced into the storm system and discharging into local waters.

Project Description

The proposed project includes improvements to existing detention and retention facilities, improvements to existing stormwater drainage piping systems, and construction of new stormwater pump station.

Anticipated Recipient : HOLMDEL TOWNSHIP

Project No. : 340919-02

Eligible Project Cost: \$ 40,665,789

FY04 Rank : 337

County : MONMOUTH

Total State Amount : \$ 40,665,789

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.01153

TOTAL POINTS50.01153

Project Name, Number

HOLMDEL TOWNSHIP
340919-02
COLLECTION SYSTEM, INTERCEPTOR

Priority List Rank

337

County

MONMOUTH

Existing Population

11,532

Service Area

Holmdel Township

Need for Project

The Township has identified several unsewered areas which are in need of a sanitary sewer system.

Project Description

The proposed project involves the construction of a collection and conveyance system to serve Wychwood, Heather Hills, Blue Hills, Sweetbriar, Wild Hedge, Grandview, Deercrest, Stillwell Drive, Country Farms, and a portion of Country Woods on VanSchioc. Also included is the Route 520 Trunkline System and associated road restoration activities.

Anticipated Recipient : SOMERS POINT CITY

Project No. : 340618-01Eligible Project Cost: \$ 113,605

FY04 Rank : 338

County : ATLANTICTotal State Amount : \$ 113,605

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.01122
TOTAL POINTS	50.01122

Project Name, Number

SOMERS POINT CITY
340618-01
I/I CORRECTION

Priority List Rank

338

County

ATLANTIC

Existing Population

11,220

Service Area

Somers Point City

Need for Project

Based upon existing studies, the sewer system of Somers Point City is subject to excessive infiltration/inflow (I/I).

Project Description

This project includes rehabilitation of the sewer system of Somers Point City to correct I/I problems.

Anticipated Recipient : FLORHAM PARK SA

Project No. : 340703-05

Eligible Project Cost: \$ 1,396,910

FY04 Rank : 339

Total State Amount : \$ 1,396,910

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.01117
TOTAL POINTS	50.01117

Project Name, Number

FLORHAM PARK SA
340703-05
I/I CORRECTION

Priority List Rank

339

County

MORRIS

Existing Population

11,172

Service Area

Florham Park SA WMP Areas

Need for Project

The FPSA owns and operates a collection system, ranging from 1 to 33 years old and interceptor sewers dating back to 1964. During periods of high groundwater or wet weather, the FPSA STP experiences high flows. Peak flows have exceeded 5 MGD.

Project Description

The proposed project consists of a flow monitoring program leading to an I/I reduction program consisting of repair and/or replacement to eliminate excessive quantities of I/I.

Anticipated Recipient : WATERFORD TOWNSHIP MUA

Project No. : 340163-01Eligible Project Cost: \$ 3,309,186

FY04 Rank : 340

County : CAMDENTotal State Amount : \$ 3,309,186

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01094
TOTAL POINTS	50.01094

Project Name, Number

WATERFORD TOWNSHIP MUA
340163-01
COLLECTION SYSTEM

Priority List Rank

340

County

CAMDEN

Existing Population

10,940

Service Area

Waterford Township

Need for Project

The proposed service area is currently using on-site systems. The area is in the Pinelands regional growth area; the Pinelands management plan promotes sewers in the growth area due to higher densities and water quality issues.

Project Description

The proposed project includes installation of sewer mains, force main and one pump station. The proposed force main will connect to an existing sewer main which then pumps into the CCMUA regional system.

Anticipated Recipient : WESTWOOD BOROUGH

Project No. : 340862-01

Eligible Project Cost: \$ 971,701

FY04 Rank : 341

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.01092

TOTAL POINTS50.01092

Project Name, Number

WESTWOOD BOROUGH
340862-01
I/I CORRECTION

Priority List Rank

341

County

BERGEN

Existing Population

10,920

Service Area

Borough of Westwood

Need for Project

The Bergen County Utilities Authority Infiltration Inflow (I/I) Analysis and Sewer System Evaluation Survey identified excessive I/I in this municipality's sewer system.

Project Description

The excessive I/I will be removed by grouting, slip lining, and other minor rehabilitation methods.

Anticipated Recipient : LITTLE FALLS MUA

Project No. : 340716-04

Eligible Project Cost: \$ 2,183,362

FY04 Rank : 342

County : PASSAIC

Total State Amount : \$ 2,183,362

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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

Population

TOTAL POINTS

0.00000

0.01086

50.01086

Project Name, Number

LITTLE FALLS MUA
340716-04
I/I CORRECTION

Priority List Rank

342

County

PASSAIC

Existing Population

10,855

Service Area

Township of Little Falls

Need for Project

The Little Falls Collection System consists of approximately 120,000 linear feet of pipe in size from six to eighteen inches diameter. Eighty-nine percent of pipe is clay tile, ten percent is asbestos cement, and one percent is cast iron pipe. Interviews with the plant operator indicate that sewers in the western section of Little Falls surcharge and overflow during periods of heavy rain and high Passaic River levels. Overflows also occur at the Hopson Street Pumping Station, which receives sewage flow from the easterly section of Little Falls.

Project Description

This proposed project consists of a sewer system evaluation study utilizing manhole inspection, rainfall simulation, and T.V. inspection and the minor rehabilitation of the Township's existing sewer system to eliminate the portion of the I/I that is excessive.

Anticipated Recipient : RIVER EDGE BOROUGH

Project No. : 340841-01

Eligible Project Cost: \$ 458,425

FY04 Rank : 343

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.01064

TOTAL POINTS50.01064

Project Name, Number

RIVER EDGE BOROUGH
340841-01
I/I CORRECTION

Priority List Rank

343

County

BERGEN

Existing Population

10,640

Service Area

Borough of River Edge

Need for Project

The Bergen County Utilities Authority Infiltration/Inflow (I/I) Analysis and Sewer System Evaluation Survey identified excessive I/I in this municipality's sewer system.

Project Description

The excessive I/I will be removed by grouting, slip lining, and other minor rehabilitation methods.

Anticipated Recipient : WANAQUE VALLEY RSA/WANAQUE BOROUGH

Project No. : 340780-02

Eligible Project Cost: \$ 1,567,310

FY04 Rank : 344

County : PASSAIC

Total State Amount : \$ 1,567,310

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.01058

TOTAL POINTS50.01058

Project Name, Number

WANAQUE VALLEY RSA/WANAQUE BOROUGH
340780-02
I/I CORRECTION

Priority List Rank

344

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. : 340326-04Eligible Project Cost: \$ 244,515

FY04 Rank : 345

County : MIDDLESEXTotal State Amount : \$ 244,515

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.01050
TOTAL POINTS	50.01050

Project Name, Number

SAYREVILLE BOROUGH
340326-04
I/I CORRECTION

Priority List Rank

345

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. : 340517-01Eligible Project Cost: \$ 1,431,112

FY04 Rank : 346

County : BERGENTotal State Amount : \$ 1,431,112

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal 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

FAIRVIEW BOROUGH
340517-01
I/I CORRECTION

Priority List Rank

346

County

BERGEN

Existing Population

10,340

Service Area

Borough of Fairview

Need for Project

BCUA has completed an Infiltration/Inflow (I/I) analysis and Sewer System Evaluation Survey which has identified excessive I/I within the Borough's sewer system and proposed an I/I correction program to eliminate a portion of these extraneous I/I flows.

Project Description

This proposed project may include the grouting and sealing of leaking manholes and sewer lines, repair or adjustments of defective manhole covers, and other minor rehabilitation measures.

Anticipated Recipient : LITTLE FERRY BOROUGH

Project No. : 340425-01

Eligible Project Cost: \$ 4,915,537

FY04 Rank : 347

County : BERGEN

Total State Amount : \$ 4,915,537

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00970
TOTAL POINTS	50.00970

Project Name, Number

LITTLE FERRY BOROUGH
340425-01
SEWER REHABILITATION

Priority List Rank

347

County

BERGEN

Existing Population

9,700

Service Area

Borough of Little Ferry

Need for Project

The existing sanitary sewer collection system serving the Borough of Little Ferry is very old and is subject to an extreme amount of infiltration/inflow (I/I). Rehabilitation of portions of the sanitary sewer system is necessary to remove the excessive I/I. Also, rehabilitation of the Main Street pumping station is required.

Project Description

The proposed project includes rehabilitation of the existing Main Street pumping station and replacement of portions of the existing sanitary sewer collection system which are the source of the extraneous flow.

Anticipated Recipient	:	MATAWAN BOROUGH			
Project No.	:	340967-01	Eligible Project Cost:	\$	708,917
FY04 Rank	:	348			
County	:	MONMOUTH	Total State Amount	:	\$ 708,917

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00927
TOTAL POINTS	50.00927

Project Name, Number

MATAWAN BOROUGH
340967-01
I/I CORRECTION

Priority List Rank

348

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 : AUDUBON BOROUGH

Project No. : 340309-01Eligible Project Cost: \$ 1,094,976

FY04 Rank : 349

County : CAMDENTotal State Amount : \$ 1,094,976

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00921
TOTAL POINTS	50.00921

Project Name, Number

AUDUBON BOROUGH
340309-01
INFILTRATION/INFLOW

Priority List Rank

349

County

CAMDEN

Existing Population

9,205

Service Area

Audubon Borough

Need for Project

This project is necessary to eliminate excessive infiltration/ inflow (I/I) within the service area.

Project Description

The proposed project will replace sanitary sewer mains and manholes that have lost their structural integrity and/or contain severe sags. Other mains will be sliplined to reduce infiltration/inflow.

Anticipated Recipient : MATAWAN BOROUGH

Project No. : 340967-02

Eligible Project Cost: \$ 4,404,418

FY04 Rank : 350

Total State Amount : \$ 4,404,418

County : MONMOUTH

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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	0.00891
TOTAL POINTS	50.00891

Project Name, Number

MATAWAN BOROUGH
340967-02
STORMWATER MANAGEMENT

Priority List Rank

350

County

MONMOUTH

Existing Population

8,910

Service Area

Borough of Matawan

Need for Project

The Borough's Lake Lefferts has accumulated sediment, its banks are significantly eroded and its storage capacity has decreased. The spillway of the Dam is inoperable and inadequate in keeping solids/floatables out of the lake.

Project Description

The proposed project includes several measures to reduce erosion and control solids/floatables. Also included are measures to restore the Lake to its original storage capacity.

Anticipated Recipient	:	MATAWAN BOROUGH			
Project No.	:	340967-03	Eligible Project Cost:	\$	289,789
FY04 Rank	:	350			
County	:	MONMOUTH	Total State Amount	:	\$ 289,789

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00891
TOTAL POINTS	50.00891

Project Name, Number

MATAWAN BOROUGH
340967-03
STORMWATER / NPS MANAGEMENT

Priority List Rank

350

County

MONMOUTH

Existing Population

8,910

Service Area

Borough of Matawan

Need for Project

The Borough of Matawan is located in a relatively low lying area surrounding Lake Lefferts and Matawan Lake. Periodically, the Borough's storm sewers collect debris and contaminants which eventually pass through the storm sewer system and into the lakes and surrounding waterways. The Borough is concerned with the non-point source pollution problem and believes this problem can be reduced through better maintenance which will be enhanced by the use of "Jet Vac" equipment and certain specific improvements to the existing stormwater facilities.

Project Description

The proposed project involves the purchase of a Jet-Vac Truck to clean debris from the storm sewers and minimize adverse impacts on Lake Lefferts.

Anticipated Recipient : EAST RUTHERFORD BOROUGH

Project No. : 340296-02Eligible Project Cost: \$ 985,189

FY04 Rank : 352

County : BERGENTotal State Amount : \$ 985,189

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00872
TOTAL POINTS	50.00872

Project Name, Number

EAST RUTHERFORD BOROUGH
340296-02
I/I CORRECTION

Priority List Rank

352

County

BERGEN

Existing Population

8,716

Service Area

Borough of East Rutherford

Need for Project

The Borough's sanitary sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow in the collection system and at the treatment plant site during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system and sewage treatment plant. The project involves an infiltration/inflow correction program including removal of stormwater connections and abandonment of an overflow chamber.

Anticipated Recipient	:	BYRAM TOWNSHIP			
Project No.	:	340569-03	Eligible Project Cost:	\$	218,940
FY04 Rank	:	353			
County	:	SUSSEX	Total State Amount	:	\$ 218,940

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00870
TOTAL POINTS	50.00870

Project Name, Number

BYRAM TOWNSHIP
340569-03
EQUIPMENT (WEED HARVESTER)

Priority List Rank

353

County

SUSSEX

Existing Population

8,700

Service Area

Township of Byram

Need for Project

Several of Byram Township's settled lakes are regularly subjected to herbicide treatments to control nuisance weeds. Extensive herbicide use is likely to be affecting wells in the "Cranberry" neighborhood, especially along the shoreline.

Project Description

The proposed project is for the purchase of a weed harvester to mechanically harvest nuisance weeds in the shallower areas of the lakes, thereby reducing the need for the use of herbicides.

Anticipated Recipient : EDGEWATER PARK TOWNSHIP

Project No. : 340166-01Eligible Project Cost: \$ 2,049,114

FY04 Rank : 354

County : BURLINGTONTotal State Amount : \$ 2,049,114

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission0.00000

Population0.00839

TOTAL POINTS50.00839

Project Name, Number

EDGEWATER PARK TOWNSHIP
340166-01
STORMWATER MANAGEMENT

Priority List Rank

354

County

BURLINGTON

Existing Population

8,388

Service Area

Edgewater Park Township

Need for Project

The existing storm sewer system in the Township has deteriorated pipes, inadequately sized pipes, and an inadequate number of catch basins resulting in flooding. Flooding also results in more grease/oil, pesticides, fertilizers, etc. being introduced into the storm system and discharging into local waters.

Project Description

The proposed project includes improvements to existing detention and retention facilities, improvements to existing stormwater drainage piping systems, and construction of new stormwater drainage piping systems.

Anticipated Recipient	:	BOONTON TOWN			
Project No.	:	340265-01	Eligible Project Cost:	\$	360,245
FY04 Rank	:	355			
County	:	MORRIS	Total State Amount	:	\$ 360,245

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00835
TOTAL POINTS	50.00835

Project Name, Number

BOONTON TOWN
340265-01
STORMWATER/NPS MANAGEMENT

Priority List Rank

355

County

MORRIS

Existing Population

8,347

Service Area

Town of Boonton

Need for Project

The Town's existing storm sewer system is undersized resulting in flooding and the discharge of debris to the Rockaway River.

Project Description

The proposed project is to improve stormwater collection on Wotton, Oak, and Hillside streets. Stormwater from these areas would then be piped to the existing system on Hillside. Improvements would include inlets, subdrains, stormwater piping, curbing, and roadway reconstruction.

Anticipated Recipient : HADDON HEIGHTS BOROUGH

Project No. : 340877-01Eligible Project Cost: \$ 1,364,098

FY04 Rank : 356

County : CAMDENTotal State Amount : \$ 1,364,098

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00820
TOTAL POINTS	50.00820

Project Name, Number

HADDON HEIGHTS BOROUGH
340877-01
I/I CORRECTION

Priority List Rank

356

County

CAMDEN

Existing Population

8,200

Service Area

Haddon Heights Borough

Need for Project

The existing collection system in the Borough of Haddon Heights is antiquated and subject to possible excessive infiltration/inflow (I/I).

Project Description

The project consists of the rehabilitation of the sewer system.

Anticipated Recipient : BOGOTA BOROUGH

Project No. : 340914-01

Eligible Project Cost: \$ 194,773

FY04 Rank : 357

County : BERGEN

Total State Amount : \$ 194,773

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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	0.00802
TOTAL POINTS	50.00802

Project Name, Number

BOGOTA BOROUGH
340914-01
SEWER REHABILITATION

Priority List Rank

357

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. : 340861-01Eligible Project Cost: \$ 337,786

FY04 Rank : 358

County : ESSEXTotal State Amount : \$ 337,786

I. APPROVED WATERSHED PLAN

Possible Points

Points Scored

200

0

II. PROJECT DISCHARGE TYPE

Possible Points

Points Scored

CSO Abatement

250

0

I/I Correction-Overflow

250

0

Treatment Plant Improvements

150

0

Sludge Disposal/Treatment

100

0

Corrective Systems

50

0

I/I Correction

50

50

Stormwater/NPS Management

50-100

0

Subtotal

50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Possible Points

Points Scored

Water Use

Potable Water Supply

200

0

Shellfish

125

0

Recreation(Primary Contact)

125

0

Freshwater Fisheries(Trout/NonTrout)

75/25

0

Public Nuisance(On Site Systems Only)

50

0

Agriculture Water Use

25

0

Industrial Water Use

25

0

Subtotal

0

B. Existing Water Quality

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

0.00787

TOTAL POINTS

50.00787

Project Name, Number

GLEN RIDGE BOROUGH
340861-01
I/I CORRECTION

Priority List Rank

358

County

ESSEX

Existing Population

7,870

Service Area

Borough of Glen Ridge

Need for Project

A sewer system evaluation survey recently performed by Elson T. Killam Associates for the Passaic Valley Sewerage Commissioners' service area found excessive infiltration/inflow (I/I) in this municipality's sewer system.

Project Description

An I/I correction program consisting of grouting slip lining, and minor rehabilitation of structurally damaged pipes and manholes will be undertaken to remove the identified excessive I/I.

Anticipated Recipient	:	SOUTH AMBOY CITY			
Project No.	:	340326-06	Eligible Project Cost:	\$	244,515
FY04 Rank	:	359			
County	:	MIDDLESEX	Total State Amount	:	\$ 244,515

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00784
TOTAL POINTS	50.00784

Project Name, Number

SOUTH AMBOY CITY
340326-06
I/I CORRECTION

Priority List Rank

359

County

MIDDLESEX

Existing Population

7,840

Service Area

City of South Amboy

Need for Project

The sewer systems in the City of South Amboy, constructed prior to the use of secondary treatment methods, did not set strict limits on the volume of infiltration and inflow within sanitary sewers since treatment costs were not greatly affected by these extraneous flows. However, in recent years, the construction costs of conveyance facilities, coupled with rising treatment costs associated with secondary treatment methods, have resulted in efforts to eliminate infiltration and inflow in areas where it is proven to be cost-effective.

Project Description

The proposed project is to provide I/I correction for South Amboy's existing sewer system.

Anticipated Recipient : HAMILTON TOWNSHIP MUA

Project No. : 340903-02

Eligible Project Cost: \$ 2,774,147

FY04 Rank : 360

County : ATLANTIC

Total State Amount : \$ 2,774,147

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00770

TOTAL POINTS50.00770

Project Name, Number

HAMILTON TOWNSHIP MUA
340903-02
COLLECTION SYSTEM

Priority List Rank

360

County

ATLANTIC

Existing Population

7,700

Service Area

The service area is bounded by the Atlantic City Expressway to the North, the Egg Harbor Township boundary to the East, West Jersey Avenue to the South and the Hamilton Mall area to the West.

Need for Project

The project is necessary to provide sewer service to the areas of the Township which are not presently sewered in order to prevent future contamination of the ground water quality.

Project Description

The proposed project consists of the construction of a collection system within Hamilton Township. The flow will be conveyed through two pump stations and gravity sewers of PVC design ranging from 8-inch to 24-inch. The estimated design flow is 1.2 MGD. The wastewater will be treated at the Atlantic County Utilities Authority (ACUA) City Island Treatment Plant.

Anticipated Recipient : KEYPORT BOROUGH

Project No. : 340267-01Eligible Project Cost: \$ 360,245

FY04 Rank : 361

County : MONMOUTHTotal State Amount : \$ 360,245

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00759

TOTAL POINTS50.00759

Project Name, Number

KEYPORT BOROUGH
340267-01
STORMWATER/NPS MANAGEMENT

Priority List Rank

361

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. : 340374-01Eligible Project Cost: \$ 444,422

FY04 Rank : 362

County : BERGENTotal State Amount : \$ 444,422

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission0.00000

Population0.00756

TOTAL POINTS50.00756

Project Name, Number

CRESSKILL BOROUGH

340374-01

STORMWATER/NPS MANAGEMENT

County

BERGEN

Existing Population

7,560

Service Area

Borough of Cresskill (Magnolia Avenue Area)

Need for Project

The Magnolia Avenue area does not drain properly during wet weather events.

Project Description

The proposed project includes the installation of a new drainage system, including the removal and replacement of existing pavement, curbs and other amenities.

Priority List Rank

362

Anticipated Recipient	:	MONTVALE BOROUGH			
Project No.	:	340846-01	Eligible Project Cost:	\$	104,753
FY04 Rank	:	363			
County	:	BERGEN	Total State Amount	:	\$ 104,753

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00753
TOTAL POINTS	50.00753

Project Name, Number

MONTVALE BOROUGH
340846-01
I/I CORRECTION

Priority List Rank

363

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

FY04 Rank : 364

County : BURLINGTON

Total State Amount : \$ 3,997,392

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00700
TOTAL POINTS	50.00700

Project Name, Number

MEDFORD TOWNSHIP
340346-01
SEWER REHABILITATION

Priority List Rank

364

County

BURLINGTON

Existing Population

7,000

Service Area

Portions of the following sewer subsystems in the Township: Village South, Birchwood South and Birchwood North

Need for Project

An Infiltration/Inflow Analysis was performed in 1990 which indicated the major areas of I/I problems. These areas have excessive I/I which reduces the capacity of the Sewage Treatment Plant. The line in the Village South area is a major trunk line in a low lying area that is often flooded and has major infiltration problems. Sewage Treatment Plant improvements need to be carried out to improve plant operations and plant efficiency.

Project Description

The proposed project includes the replacement of approximately 30000 LF of 8", 10", 12" and 18" sanitary sewer, manholes, laterals and related appurtenances. The project will be segmented and the first segment will involve rehabilitation of Himmelein Road sewer and Christopher Mill Road force main. Also, proposed in this segment is the STP improvements which involve installation of grit removal system and sludge thickener cover.

Anticipated Recipient	:	PAULSBORO BOROUGH			
Project No.	:	340164-01	Eligible Project Cost:	\$	967,451
FY04 Rank	:	365			
County	:	GLOUCESTER	Total State Amount	:	\$ 967,451

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00658
TOTAL POINTS	50.00658

Project Name, Number

PAULSBORO BOROUGH
340164-01
STORMWATER MANAGEMENT

Priority List Rank

365

County

GLOUCESTER

Existing Population

6,577

Service Area

Paulsboro Borough

Need for Project

The existing substandard stormwater systems are subject to failure during storm events causing flooding. The stormwater and sanitary flows co-mingle during flooding and are discharged to Mantua Creek.

Project Description

The proposed project includes construction of a new storm sewer system with uniform slopes between manholes and inlets to maintain an unobstructed flow, minimize trapping of debris, eliminate flooding, and improve water quality. This will include construction of new inlets to replace existing undersized inlets for more efficient flow and improved ease of maintenance.

Anticipated Recipient	:	DUNELLEN BOROUGH			
Project No.	:	340916-01	Eligible Project Cost:	\$	1,396,910
FY04 Rank	:	366			
County	:	MIDDLESEX	Total State Amount	:	\$ 1,396,910

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00652
TOTAL POINTS	50.00652

Project Name, Number

DUNELLEN BOROUGH
340916-01
SEWER REHABILITATION

Priority List Rank

366

County

MIDDLESEX

Existing Population

6,520

Service Area

Borough of Dunellen

Need for Project

The majority of the sanitary sewer system of Dunellen was installed around 1915. The system consists of vitrified clay pipe, which has been cracking and failing. Over the past four years, the Borough has had to replace or reline several thousand feet of trunk line at a cost of almost \$1 million.

Project Description

The proposed project consists of relining or replacing all the trunk lines in the Borough, upgrading and repair of Borough's pump station, upgrading and sealing manholes, and televising and clean remaining system.

Anticipated Recipient : HOPEWELL TOWNSHIP

Project No. : 340282-02

Eligible Project Cost: \$ 3,475,917

FY04 Rank : 367

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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	0.00615
TOTAL POINTS	50.00615

Project Name, Number

HOPEWELL TOWNSHIP
340282-02
COLLECTION SYSTEM

Priority List Rank

367

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. : 340278-01Eligible Project Cost: \$ 2,317,315

FY04 Rank : 368

County : MONMOUTHTotal State Amount : \$ 2,317,315

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00600
TOTAL POINTS	50.00600

Project Name, Number

UNION BEACH BOROUGH
340278-01
SEWER REHABILITATION

Priority List Rank

368

County

MONMOUTH

Existing Population

6,000

Service Area

Borough of Union Beach

Need for Project

The Borough's sanitary sewer system is constantly inundated by groundwater and surface flooding due to its proximity to the shore. The Borough's sanitary sewer study indicates that many sections of sewer pipe and manholes must be rehabilitated to reduce extraneous flows, which are costly to treat.

Project Description

The proposed project involves rehabilitation by grouting, lining, repair and/or replacement of troubled sewer lines which are identified in the Borough's I/I study.

Anticipated Recipient : LOPATCONG TOWNSHIP

Project No. : 340264-02

Eligible Project Cost: \$ 2,718,518

FY04 Rank : 369

County : WARREN

Total State Amount : \$ 2,718,518

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00577

TOTAL POINTS50.00577

Project Name, Number

LOPATCONG TOWNSHIP
340264-02
SEWER REHABILITATION

Priority List Rank

369

County

WARREN

Existing Population

5,765

Service Area

Lopatcong Township

Need for Project

The southern portion of the Township's sewage system drains to two pump stations. The sewage is then pumped to the Township of Phillipsburg sewage system for treatment. These two pump stations are over 20 years old and require extensive maintenance to keep them operable. The Township is planning to either upgrade these facilities or possibly construct an interceptor sewer to replace them. Also several sanitary sewers throughout the Township are in need of replacement. This project will address these known problem areas and provide the Township with a reliable system.

Project Description

The proposed project includes the construction of gravity sewers and a force main in conjunction with the upgrade or replacement of the Baltimore Street Pump Station. The likely plan is to eliminate the Baltimore Street PS and intercept its flow with a gravity sewer that will lead to the Morris Heights PS. The Morris Heights PS will either be expanded or eliminated and replaced by an interceptor that will connect to the Phillipsburg system. Additionally, several pipes in the collection system will be replaced to improve problem areas.

Anticipated Recipient : BERLIN BOROUGH

Project No. : 340308-01Eligible Project Cost: \$ 708,917

FY04 Rank : 370

County : CAMDENTotal State Amount : \$ 708,917

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00567
TOTAL POINTS	50.00567

Project Name, Number

BERLIN BOROUGH
340308-01
STORMWATER MANAGEMENT

Priority List Rank

370

County

CAMDEN

Existing Population

5,672

Service Area

Borough of Berlin

Need for Project

The Borough needs equipment to reduce the amount of debris entering its stormwater management system. The Borough also hopes to reduce non-point source pollution from run off from salt facilities and a deteriorated stream bank.

Project Description

The proposed project includes the purchase of a street sweeper and construction of a salt storage bin. The project also includes construction of a water quality basin, installation of a stormwater pipe and restoration of a stream bank.

Anticipated Recipient : N ARLINGTON - LYNDHURST JT MTG (NARL)

Project No. : 340426-06

Eligible Project Cost: \$ 218,940

FY04 Rank : 371

County : BERGEN

Total State Amount : \$ 218,940

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00559
TOTAL POINTS	50.00559

Project Name, Number

N ARLINGTON - LYNDHURST JT MTG (NARL)
340426-06
SEWER REHABILITATION

Priority List Rank

371

County

BERGEN

Existing Population

5,590

Service Area

Portions of the Borough of North Arlington

Need for Project

The Joint Meeting has conducted an Infiltration/Inflow (I/I) analysis and concluded that excessive I/I exists in the sewer system. A sewer system evaluation survey has evaluated flow conditions and identified the sewer segments which are cost-effective to rehabilitate. Further sewer system evaluation work will propose an I/I correction program to reduce the excessive I/I flows.

Project Description

This proposed project will consist of an I/I correction program to remove a portion of the excessive I/I flows. This may include grouting of sewer joints, sealing manholes, repairs or replacement of defective manhole covers, and other major rehabilitation measures such as removal and replacement of defective sewer pipes and relining of sewer pipes.

Anticipated Recipient	:	N ARLINGTON-LYNDHURST JT MTG (LYND)			
Project No.	:	340426-05	Eligible Project Cost:	\$	4,688,749
FY04 Rank	:	371			
County	:	BERGEN	Total State Amount	:	\$ 4,688,749

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00559
TOTAL POINTS	50.00559

Project Name, Number

N ARLINGTON-LYNDHURST JT MTG (LYND)
340426-05
I/I CORRECTION

Priority List Rank

371

County

BERGEN

Existing Population

5,590

Service Area

Borough of Lyndhurst

Need for Project

The Joint Meeting has conducted an Infiltration/Inflow (I/I) analysis and concluded that excessive I/I exists in the sewer system. A sewer system evaluation survey has evaluated flow conditions and identified the sewer segments which are cost-effective to rehabilitate. Further sewer system evaluation work will propose an I/I correction program to reduce the excessive I/I flows.

Project Description

This proposed project will consist of an I/I correction program to remove a portion of the excessive I/I flows. This may include grouting of sewer joints, sealing manholes, repairs or replacement of defective manhole covers, and other minor rehabilitation measures.

Anticipated Recipient : ROCHELLE PARK TOWNSHIP

Project No. : 340310-01

Eligible Project Cost: \$ 2,255,626

FY04 Rank : 371

County : BERGEN

Total State Amount : \$ 2,255,626

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00559

TOTAL POINTS50.00559

Project Name, Number

ROCHELLE PARK TOWNSHIP
340310-01
SEWER REHABILITATION

Priority List Rank

371

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. : 340479-02Eligible Project Cost: \$ 1,531,368

FY04 Rank : 374

County : OCEANTotal State Amount : \$ 1,531,368

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00552

TOTAL POINTS50.00552

Project Name, Number

POINT PLEASANT BEACH BOROUGH
340479-02
I/I CORRECTION

Priority List Rank

374

County

OCEAN

Existing Population

5,520

Service Area

Borough of Point Pleasant Beach

Need for Project

The Borough's sewer system is experiencing high infiltration and inflow attributable to the high ground water table and deteriorated pipes.

Project Description

The Borough owns and operates 17 miles of gravity sewers with diameters ranging from 6" to 24". The sewage is conveyed to the OCUA's Northern STP for treatment and disposal. 50% of the Borough's sewers are over 40 years old and 90% over 25 years old. A major portion of the sewer system requires I/I correction.

Anticipated Recipient : CARLSTADT SEWERAGE AUTHORITY

Project No. : 340705-04

Eligible Project Cost: \$ 3,340,073

FY04 Rank : 375

County : BERGEN

Total State Amount : \$ 3,340,073

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00551
TOTAL POINTS	50.00551

Project Name, Number

CARLSTADT SEWERAGE AUTHORITY
340705-04
SEWER REHABILITATION, PUMP STATION

Priority List Rank

375

County

BERGEN

Existing Population

5,510

Service Area

Borough of Carlstadt

Need for Project

The existing pump station located at Jony Drive was built in 1969 and has exceeded its useful life. In addition, development of the Meadowlands Mills project requires additional sewer capacity in the project area. The Barell Avenue Pump Station requires a complete refurbishment of the existing equipment due to a substantial flow increase from the Meadowlands Mills project.

Project Description

The proposed project involves the construction of a new pump station located adjacent to the existing pump station on Jony Drive. The new pump station is planned to handle an average flow of 2.2 MGD with a peak flow of 6.4 MGD. The existing 18 inch force main was designed to handle this peak flow. The sewage is conveyed to Bergen County Utilities Authority for treatment and disposal. Also included in the project is the replacement of the existing pumps and equipment and other modifications as necessary to meet present day safety requirements in the Barell Avenue Pump Station.

Anticipated Recipient : BERLIN TOWNSHIP

Project No. : 340790-03

Eligible Project Cost: \$ 1,317,721

FY04 Rank : 376

County : CAMDEN

Total State Amount : \$ 1,317,721

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00547

TOTAL POINTS50.00547

Project Name, Number

BERLIN TOWNSHIP
340790-03
STORMWATER MANAGEMENT

Priority List Rank

376

County

CAMDEN

Existing Population

5,466

Service Area

Township of Berlin

Need for Project

Inadequate facilities to convey and manage stormwater have caused problems such as ponding in certain areas of the Township during storm events. The Township also stores its road maintenance salt and sand in an open uncovered area with the potential for runoff to convey salt and sand to the nearby wetland.

Project Description

The proposed project involves construction of storm drainage systems including storm pipes inlets and basins to address the areas impacted adversely by stormwater build up. The proposed project also includes construction of a salt dome.

Anticipated Recipient : SOMERDALE BOROUGH

Project No. : 340338-03Eligible Project Cost: \$ 1,331,729

FY04 Rank : 377

County : CAMDENTotal State Amount : \$ 1,331,729

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00544
TOTAL POINTS	50.00544

Project Name, Number

SOMERDALE BOROUGH

340338-03

STORMWATER/NPS MANAGEMENT

Priority List Rank

377

County

CAMDEN

Existing Population

5,440

Service Area

Borough of Somerdale

Need for Project

Extreme stormwater runoff in the Borough cannot be handled by existing ditches resulting in soil erosion and loss of trees. Soil erosion contributes to silt deposits in Otter Brook and degrades local wetlands and streams.

Project Description

The proposed project involves creating a stormwater detention basin by modifying an existing culvert to restrict flow. Improvements to existing ditches will also be made.

Anticipated Recipient : SPRING LAKES HEIGHTS, BOROUGH OF

Project No. : 340840-01Eligible Project Cost: \$ 163,328

FY04 Rank : 378

County : MONMOUTHTotal State Amount : \$ 163,328

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission0.00000

Population0.00537

TOTAL POINTS50.00537

Project Name, Number

SPRING LAKES HEIGHTS, BOROUGH OF
340840-01
I/I CORRECTION

Priority List Rank

378

County

MONMOUTH

Existing Population

5,370

Service Area

Borough of Spring Lake Heights

Need for Project

Excessive infiltration/inflow has been discovered in the Borough's sewer system and is causing unnecessarily high processing charges for sewage treatment. Further studies will be performed to further define the sources of the excessive I/I.

Project Description

The scope of future work is unknown at the present time but may entail the repair of leaking joints and catch basins.

Anticipated Recipient : EAST GREENWICH TOWNSHIP

Project No. : 340368-01Eligible Project Cost: \$ 660,187

FY04 Rank : 379

County : GLOUCESTERTotal State Amount : \$ 660,187

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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 Commission0.00000

Population0.00526

TOTAL POINTS50.00526

Project Name, Number

EAST GREENWICH TOWNSHIP
340368-01
COLLECTION SYSTEM

Priority List Rank

379

County

GLOUCESTER

Existing Population

5,260

Service Area

Kings Highway, Cohawkin Road, County House Road

Need for Project

The purpose of the project is to eliminate individual on-site septic systems.

Project Description

The proposed project involves the construction of a sanitary sewer collection system along various streets covering approximately 6,050 linear feet with 8-inch diameter PVC sewer main.

Anticipated Recipient	:	MORRIS PLAINS BOROUGH			
Project No.	:	340330-01	Eligible Project Cost:	\$	479,390
FY04 Rank	:	380			
County	:	MORRIS	Total State Amount	:	\$ 479,390

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00524
TOTAL POINTS	50.00524

Project Name, Number

MORRIS PLAINS BOROUGH
340330-01
SEWER REHABILITATION

Priority List Rank

380

County

MORRIS

Existing Population

5,236

Service Area

Borough of Morris Plains

Need for Project

The Borough's pump station is 27 years old and in need of an upgrade to reduce the possibility of a malfunction and a stream discharge.

Project Description

The proposed project includes the replacement of the Boroughs pump station.

Anticipated Recipient	:	NEPTUNE CITY BOROUGH			
Project No.	:	340106-02	Eligible Project Cost:	\$	430,399
FY04 Rank	:	381			
County	:	MONMOUTH	Total State Amount	:	\$ 430,399

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00522
TOTAL POINTS	50.00522

Project Name, Number

NEPTUNE CITY BOROUGH
340106-02
SEWER REHABILITATION

Priority List Rank

381

County

MONMOUTH

Existing Population

5,218

Service Area

Borough of Neptune City

Need for Project

The existing pump station is aging, in need of repair, and undersized to handle current flows.

Project Description

The proposed project is for the replacement the existing pump station.

Anticipated Recipient	:	HIGHLANDS BOROUGH			
Project No.	:	340901-01	Eligible Project Cost:	\$	877,696
FY04 Rank	:	382			
County	:	MONMOUTH	Total State Amount	:	\$ 877,696

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00519
TOTAL POINTS	50.00519

Project Name, Number

HIGHLANDS BOROUGH
340901-01
I/I CORRECTION

Priority List Rank

382

County

MONMOUTH

Existing Population

5,190

Service Area

Highlands Borough

Need for Project

Sewer rehabilitation is necessary to correct excessive I/I. The current flow is equal to the amount designated for the year 2000. The completion of the work in the I/I report will reduce the infiltration and the additional charges for pumping and treatment.

Project Description

I/I correction utilizing standard sewer rehabilitation methods. A minor portion of the work in the I/I report is complete, and thus is ineligible for federal participation.

Anticipated Recipient : EDGEWATER BOROUGH

Project No. : 340446-07Eligible Project Cost: \$ 2,718,518

FY04 Rank : 383

County : BERGENTotal State Amount : \$ 2,718,518

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission0.00000

Population0.00500

TOTAL POINTS50.00500

Project Name, Number

EDGEWATER BOROUGH
340446-07
STORMWATER MANAGEMENT

Priority List Rank

383

County

BERGEN

Existing Population

5,001

Service Area

Edgewater Borough

Need for Project

The Borough needs to reduce flooding and reduce solids transportation. The project would reduce the sediment load to prevent creation of sediment islands and minimize the scour effect on stream banks.

Project Description

The proposed project includes bank stabilization and water quality improvements. The project consists of deepening the stream and stabilizing sections of the stream bank to prevent further soil erosion.

Anticipated Recipient : PENNS GROVE SA

Project No. : 340502-05

Eligible Project Cost: \$ 556,107

FY04 Rank : 384

County : SALEM

Total State Amount : \$ 556,107

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00489
TOTAL POINTS	50.00489

Project Name, Number

PENNS GROVE SA
340502-05
SEWER REHABILITATION

Priority List Rank

384

County

SALEM

Existing Population

4,886

Service Area

Penns Grove Borough

Need for Project

This project is necessary to eliminate blocked sewer lines and excessive infiltration/inflow (I/I) within the service area.

Project Description

The proposed project will replace sanitary sewer mains and manholes that have lost their structural integrity and/or contain severe sags. Other mains will be sliplined or replaced.

Anticipated Recipient	:	HIGHLANDS BOROUGH			
Project No.	:	340901-04	Eligible Project Cost:	\$	781,697
FY04 Rank	:	385			
County	:	MONMOUTH	Total State Amount	:	\$ 781,697

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00486
TOTAL POINTS	50.00486

Project Name, Number

HIGHLANDS BOROUGH
340901-04
STORMWATER MANAGEMENT

Priority List Rank

385

County

MONMOUTH

Existing Population

4,855

Service Area

Highlands Borough

Need for Project

The Borough has a known nonpoint source pollution problem which needs to be corrected. The downtown area of the Borough frequently floods during periods of rain or high tides and Jones Creek cuts through the middle of this area. The floods damage property and collect debris and contaminants which are passed through the system to Raritan Bay.

Project Description

The proposed project involves the installation of a stormwater pump station.

Anticipated Recipient : MAGNOLIA BOROUGH

Project No. : 340285-01Eligible Project Cost: \$ 1,259,960

FY04 Rank : 385

County : CAMDENTotal State Amount : \$ 1,259,960

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00486
TOTAL POINTS	50.00486

Project Name, Number

MAGNOLIA BOROUGH
340285-01
SEWER REHABILITATION

Priority List Rank

385

County

CAMDEN

Existing Population

4,861

Service Area

Eastern section of Magnolia Borough adjacent to White Horse Pike

Need for Project

The Borough of Magnolia currently experiences frequent sanitary sewer failure and resultant back up in the eastern section of the Borough. The pump station is in need of upgrade due to aged infrastructure and associated maintenance problems.

Project Description

The proposed project includes the lining or replacing of sanitary sewers in the eastern section of the Borough and the upgrade of one pump station.

Anticipated Recipient	:	HIGHLANDS BOROUGH			
Project No.	:	340901-02	Eligible Project Cost:	\$	147,540
FY04 Rank	:	387			
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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00485
TOTAL POINTS	50.00485

Project Name, Number

HIGHLANDS BOROUGH
340901-02
I/I CORRECTION

Priority List Rank

387

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

FY04 Rank : 387

County : ESSEX

Total State Amount : \$ 123,712

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00485

TOTAL POINTS50.00485

Project Name, Number

ROSELAND BOROUGH
340361-01
I/I CORRECTION

Priority List Rank

387

County

ESSEX

Existing Population

4,850

Service Area

Borough of Roseland

Need for Project

The excessive inflow and infiltration condition results in surcharging of the collection system. In addition, the excess flow is being directed to the Caldwell STP and these additional volumes result in higher treatment costs to the Borough of Roseland.

Project Description

The Borough has conducted preliminary field investigations and determined that several residential neighborhoods are experiencing significant inflow/infiltration problems. These impacted areas represent approximately twenty (20) percent of the utility users. The Borough will embark upon final studies to determine the exact location and magnitude of the problems. The rehabilitation work will include air testing and chemical grouting of approximately 8,000 linear feet of sanitary sewer.

Anticipated Recipient : ROSELAND BOROUGH

Project No. : 340361-02Eligible Project Cost: \$ 1,396,910

FY04 Rank : 387

County : ESSEXTotal State Amount : \$ 1,396,910

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00485
TOTAL POINTS	50.00485

Project Name, Number

ROSELAND BOROUGH
340361-02
STORMWATER MANAGEMENT

Priority List Rank

387

County

ESSEX

Existing Population

4,850

Service Area

Borough of Roseland

Need for Project

The Borough has determined that stormwater management improvements are necessary to correct drainage problems in the area of Birch Drive and Martha Drive.

Project Description

The Borough is currently studying options to correct the stormwater management concerns in the Birch Drive and Martha Drive areas of the municipality. The proposed project would involve the implementation of the measures needed to correct the drainage and runoff problems.

Anticipated Recipient	:	HIGHLANDS BOROUGH			
Project No.	:	340901-03	Eligible Project Cost:	\$	1,205,942
FY04 Rank	:	387			
County	:	MONMOUTH	Total State Amount	:	\$ 1,205,942

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00485
TOTAL POINTS	50.00485

Project Name, Number

HIGHLANDS BOROUGH
340901-03
STORMWATER/NPS MANAGEMENT

Priority List Rank

387

County

MONMOUTH

Existing Population

4,849

Service Area

Highlands Borough

Need for Project

The Borough has a known nonpoint source pollution problem which needs to be corrected. Several times a year beach closures occur which are primarily due to the debris and contaminants which collect in the storm sewer system. In addition, the North Street sanitary and storm sewer system contributes high levels of fecal coliform to Sandy Hook Bay.

Project Description

The proposed project involves (1) the rehabilitation of the North Street storm sewer and replacement of the old sanitary sewer system, as well as roadway repair, (2) the elimination of flooding in problem areas 3, 4, and 16 by installing properly sized storm sewers and check valves at the outfalls and (3) the purchase of a vacuum sweeper, leaf collector and Jet-Vac.

Anticipated Recipient : HARRISON TOWNSHIP

Project No. : 340362-01Eligible Project Cost: \$ 3,125,171

FY04 Rank : 391

County : GLOUCESTERTotal State Amount : \$ 3,125,171

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission0.00000

Population0.00472

TOTAL POINTS50.00472

Project Name, Number

HARRISON TOWNSHIP
340362-01
SYSTEM REHABILITATION

Priority List Rank

391

County

GLOUCESTER

Existing Population

4,720

Service Area

Harrison Township

Need for Project

The sanitary sewer system is approximately 25 to 30 years old and was constructed of terra cotta pipe. A majority of these sewer mains are located in low lying areas adjacent to wetlands or streams. In addition, the 11 pump stations are also 25 to 30 years old and are in need of rehabilitation to bring them up to current operational standards. Several of the pump stations do not have back-up emergency generators or other alternate power source.

Project Description

The Township will repair and/or replace those sections of the sewer system which experience problems. Also included is the necessary work to upgrade the existing pump stations to current standards.

Anticipated Recipient	:	MOUNT ARLINGTON BOROUGH			
Project No.	:	340541-04	Eligible Project Cost:	\$	134,261
FY04 Rank	:	392			
County	:	MORRIS	Total State Amount	:	\$ 134,261

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00466
TOTAL POINTS	50.00466

Project Name, Number

MOUNT ARLINGTON BOROUGH
340541-04
STORMWATER MANAGEMENT

Priority List Rank

392

County

MORRIS

Existing Population

4,663

Service Area

Borough of Mount Arlington

Need for Project

The Borough needs to collect and pre-treat nonpoint source pollution from road runoff that drains into Lake Hopatcong.

Project Description

The proposed project involves the construction of a storm drainage system, including storm pipes, inlets and headwalls.

Anticipated Recipient	:	WESTVILLE BOROUGH			
Project No.	:	340289-01	Eligible Project Cost:	\$	708,917
FY04 Rank	:	393			
County	:	GLOUCESTER	Total State Amount	:	\$ 708,917

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00457
TOTAL POINTS	50.00457

Project Name, Number

WESTVILLE BOROUGH
340289-01
I/I CORRECTION

Priority List Rank

393

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. : 340326-07Eligible Project Cost: \$ 4,688,749

FY04 Rank : 394

County : MIDDLESEXTotal State Amount : \$ 4,688,749

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00443
TOTAL POINTS	50.00443

Project Name, Number

SAYREVILLE BOROUGH
340326-07
I/I CORRECTION

Priority List Rank

394

County

MIDDLESEX

Existing Population

4,430

Service Area

Sayreville Borough

Need for Project

The southern and western portions of the Morgan Section of the Borough of Sayreville are presently served by a series of six municipal pump stations and one privately owned pump station which convey the wastewater flow to the Middlesex County Utilities Authority's secondary treatment facility. The gravity collection system downstream of the discharge of a major basin pumping station is subject to surcharge to the point of overflow during dry weather, peak flow periods. Anticipated growth in the area will additionally stress the already overloaded conveyance facilities.

Project Description

The proposed project calls for the construction of a gravity interceptor, regional pump station and force main, and the upgrading of four existing sub-regional pump stations. The wastewater flow will ultimately discharge directly to the Middlesex County Utilities Authority gravity sewer which runs parallel to the New York and Long Branch railroad.

Anticipated Recipient : FLEMINGTON BOROUGH

Project No. : 340440-04Eligible Project Cost: \$ 1,645,877

FY04 Rank : 395

County : HUNTERDONTotal State Amount : \$ 1,645,877

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00420
TOTAL POINTS	50.00420

Project Name, Number

FLEMINGTON BOROUGH
340440-04
I/I CORRECTION

Priority List Rank

395

County

HUNTERDON

Existing Population

4,200

Service Area

Borough of Flemington

Need for Project

The Borough's sanitary sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow in the collection system and at the treatment plant site during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system and sewage treatment plant. The project involves an infiltration/inflow correction program including relining of pipes and removal of stormwater connections.

Anticipated Recipient	:	MEDFORD LAKES BOROUGH			
Project No.	:	340319-01	Eligible Project Cost:	\$	289,789
FY04 Rank	:	396			
County	:	BURLINGTON	Total State Amount	:	\$ 289,789

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00417
TOTAL POINTS	50.00417

Project Name, Number

MEDFORD LAKES BOROUGH
340319-01
SEWER REHABILITATION

Priority List Rank

396

County

BURLINGTON

Existing Population

4,173

Service Area

Borough of Medford Lakes

Need for Project

The Borough's sanitary sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow in the collection system during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the sewer system.

Anticipated Recipient : DELAWARE TOWNSHIP MUA

Project No. : 340917-02Eligible Project Cost: \$ 430,399

FY04 Rank : 397

County : HUNTERDONTotal State Amount : \$ 430,399

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00398

TOTAL POINTS50.00398

Project Name, Number

DELAWARE TOWNSHIP MUA
340917-02
I/I CORRECTION

Priority List Rank

397

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.	:	340842-02	Eligible Project Cost:	\$	162,326
FY04 Rank	:	398			
County	:	HUNTERDON	Total State Amount	:	\$ 162,326

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00378
TOTAL POINTS	50.00378

Project Name, Number

HIGH BRIDGE BOROUGH
340842-02
STORMWATER/NPS MANAGEMENT

Priority List Rank

398

County

HUNTERDON

Existing Population

3,776

Service Area

Borough of High Bridge

Need for Project

The Borough of High Bridge proposes to build a salt barn to replace two deteriorated buildings where runoff threatens a tributary of the South Branch of the Raritan River. Covered-inside storage will eliminate the possibility of contaminating the stream, wells, and ground water with salt run-off.

Project Description

The proposed project includes construction of a salt barn with 631 tons capacity.

Anticipated Recipient	:	HIGH BRIDGE BOROUGH			
Project No.	:	340842-01	Eligible Project Cost:	\$	243,967
FY04 Rank	:	399			
County	:	HUNTERDON	Total State Amount	:	\$ 243,967

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00377
TOTAL POINTS	50.00377

Project Name, Number

HIGH BRIDGE BOROUGH
340842-01
I/I CORRECTION

Priority List Rank

399

County

HUNTERDON

Existing Population

3,770

Service Area

Borough of High Bridge

Need for Project

The Borough of High Bridge suspects excessive Infiltration/Inflow quantities to be present in their municipal sewerage system.

Project Description

Pending study by the Borough, the excessive I/I is proposed to be removed by grouting, manhole replacement and other minor rehabilitation methods.

Anticipated Recipient : STANHOPE BOROUGH

Project No. : 340504-02

Eligible Project Cost: \$ 415,019

FY04 Rank : 400

County : SUSSEX

Total State Amount : \$ 415,019

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.00370

TOTAL POINTS50.00370

Project Name, Number

STANHOPE BOROUGH
340504-02
I/I CORRECTION

Priority List Rank

400

County

SUSSEX

Existing Population

3,700

Service Area

Stanhope Borough

Need for Project

A study was performed on the existing sanitary sewer system and it was determined that the possibility of excess infiltration/inflow does exist.

Project Description

A continuation of this study has been submitted to NJDEP and will be evaluated shortly. If the study confirms that infiltration/inflow does exist, then I/I correction of the system will be implemented.

Anticipated Recipient : DELANCO TOWNSHIP SA

Project No. : 340956-02

Eligible Project Cost: \$ 1,854,849

FY04 Rank : 401

County : BURLINGTON

Total State Amount : \$ 1,854,849

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00324
TOTAL POINTS	50.00324

Project Name, Number

DELANCO TOWNSHIP SA
340956-02
SEWER REHABILITATION

Priority List Rank

401

County

BURLINGTON

Existing Population

3,237

Service Area

Delanco Township

Need for Project

The Borough's sanitary sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow in the collection system and at the treatment plant site during wet weather periods. The Hickory Street Pump Station and the existing trunk sewer are not adequate to handle peak flows causing back-ups and overflows.

Project Description

The project includes replacement or relining of 8000 feet sewer lines, construction of 10 new manholes, sealing 110 existing manholes, and inspection of another 5100 feet of sewer line. The Hickory Street Pump Station will be rehabilitated and upgraded, and a new force main constructed to by-pass the existing trunk sewer.

Anticipated Recipient : DELANCO TOWNSHIP SA

Project No. : 340956-03

Eligible Project Cost: \$ 1,915,067

FY04 Rank : 401

County : BURLINGTON

Total State Amount : \$ 1,915,067

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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 Commission0.00000

Population0.00324

TOTAL POINTS50.00324

Project Name, Number

DELANCO TOWNSHIP SA
340956-03
COLLECTION SYSTEM

Priority List Rank

401

County

BURLINGTON

Existing Population

3,237

Service Area

Delanco Township

Need for Project

The proposed project will replace existing on-site sewage disposal systems, some of which reportedly are failing, do not meet current standards, or do not meet the needs of the homeowners.

Project Description

The proposed project construction of a sewer collection system and a pump station.

Anticipated Recipient : WOODBINE MUA

Project No. : 340370-01

Eligible Project Cost: \$ 12,630,925

FY04 Rank : 403

Total State Amount : \$ 12,630,925

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00300

TOTAL POINTS50.00300

Project Name, Number

WOODBINE MUA
340370-01
STP UPGRADE, EXPANSION

Priority List Rank

403

County

CAPE MAY

Existing Population

3,000

Service Area

Woodbine Borough

Need for Project

The existing residences are served by individual on-site septic systems which are suspected to contribute to groundwater pollution. The State Department of Human Services owns and operates the only treatment facility in the Borough and it is located at and serves only the Woodbine Development Center.

Project Description

The proposed project involves the acquisition of the Woodbine Development Center's STP and the upgrade and expansion of the treatment facility from 0.16 MGD to 0.5 MGD. The upgrade will employ the sequential batch reactor process and denitrification. In addition, the project includes pump stations, force mains and approximately 60,000 linear feet of gravity sewers to collect and transport wastewater to the upgraded STP.

Anticipated Recipient : WOODBURY HEIGHTS BOROUGH

Project No. : 340257-02

Eligible Project Cost: \$ 1,841,186

FY04 Rank : 404

County : GLOUCESTER

Total State Amount : \$ 1,841,186

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00299
TOTAL POINTS	50.00299

Project Name, Number

WOODBURY HEIGHTS BOROUGH
340257-02
SEWER REHABILITATION

Priority List Rank

404

County

GLOUCESTER

Existing Population

2,988

Service Area

Borough of Woodbury Heights

Need for Project

The Borough's sanitary sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow in the collection system during wet weather periods.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the sewer system.

Anticipated Recipient : SEA ISLE CITY

Project No. : 340659-01

Eligible Project Cost: \$ 667,397

FY04 Rank : 405

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.00295

TOTAL POINTS50.00295

Project Name, Number

SEA ISLE CITY
340659-01
I/I CORRECTION

Priority List Rank

405

County

CAPE MAY

Existing Population

2,950

Service Area

Sea Isle City

Need for Project

The Sea Isle City collection system is subject to possible excessive amounts of infiltration/inflow (I/I) as documented in a sewer system evaluation survey.

Project Description

The proposed rehabilitation tasks include: cleaning and inspection, repair and/or replacement of damaged or deteriorated sewer pipes and manholes.

Anticipated Recipient	:	LAWNSIDE BOROUGH			
Project No.	:	340263-01	Eligible Project Cost:	\$	193,346
FY04 Rank	:	406			
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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00284
TOTAL POINTS	50.00284

Project Name, Number

LAWNSIDE BOROUGH
340263-01
STORMWATER MANAGEMENT

Priority List Rank

406

County

CAMDEN

Existing Population

2,841

Service Area

Borough of Lawnside

Need for Project

The project is needed to rehabilitate an existing stormwater channel southeast of JFK Boulevard.

Project Description

The proposed project involves the rehabilitation of the stormwater channel to minimize erosion.

Anticipated Recipient	:	MOONACHIE BOROUGH			
Project No.	:	340970-02	Eligible Project Cost:	\$	332,158
FY04 Rank	:	407			
County	:	BERGEN	Total State Amount	:	\$ 332,158

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00279
TOTAL POINTS	50.00279

Project Name, Number

MOONACHIE BOROUGH
340970-02
I/I CORRECTION

Priority List Rank

407

County

BERGEN

Existing Population

2,790

Service Area

Borough of Moonachie

Need for Project

An Infiltration/Inflow study conducted by the Bergen County Utilities Authority identified Meter Area 146 (Moonachie Avenue Pumping Station) as requiring sewer rehabilitation.

Project Description

The proposed project includes the televised inspection and repair of sewers which are the source of extraneous flow.

Anticipated Recipient	:	LAVALETTE BOROUGH			
Project No.	:	340966-04	Eligible Project Cost:	\$	405,216
FY04 Rank	:	408			
County	:	OCEAN	Total State Amount	:	\$ 405,216

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00267
TOTAL POINTS	50.00267

Project Name, Number

LAVALETTE BOROUGH
340966-04
STORMWATER MANAGEMENT

Priority List Rank

408

County

OCEAN

Existing Population

2,665

Service Area

Borough of Lavalette

Need for Project

The existing storm sewer system is undersized in areas of the Borough resulting in localized street flooding and the discharge of debris and sediment into local waters. Other sections of the stormwater system have leaking joints and other problems and need to be repaired.

Project Description

The proposed project includes cleaning, TV inspection and grouting of stormpipe connections and installation of a new stormwater drainage pipe

Anticipated Recipient : WOODLYNNE BOROUGH

Project No. : 340849-01Eligible Project Cost: \$ 4,264,056

FY04 Rank : 409

County : CAMDENTotal State Amount : \$ 4,264,056

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00258
TOTAL POINTS	50.00258

Project Name, Number

WOODLYNNE BOROUGH
340849-01
I/I CORRECTION

Priority List Rank

409

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 : LIBERTY TOWNSHIP

Project No. : 340165-01Eligible Project Cost: \$ 148,979

FY04 Rank : 410

County : WARRENTotal State Amount : \$ 148,979

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00249
TOTAL POINTS	50.00249

Project Name, Number

LIBERTY TOWNSHIP
340165-01
STORMWATER/NPS MANAGEMENT

Priority List Rank

410

County

WARREN

Existing Population

2,493

Service Area

Liberty Township

Need for Project

Liberty Township is in need of a street sweeper. The purchase of this equipment will help the Township reduce the amount of debris that accumulates in the sewer system and, in turn, reduce solids/floatables from entering the waters of the Pequest Watershed.

Project Description

The proposed project involves the purchase of one street sweeper.

Anticipated Recipient : ALPHA BOROUGH

Project No. : 340324-01Eligible Project Cost: \$ 639,645

FY04 Rank : 411

County : WARRENTotal State Amount : \$ 639,645

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00248
TOTAL POINTS	50.00248

Project Name, Number

ALPHA BOROUGH
340324-01
SEWER REHABILITATION

Priority List Rank

411

County

WARREN

Existing Population

2,482

Service Area

Borough of Alpha

Need for Project

The Borough has been experiencing pipe collapses plus other problems due to undersized, tuberculated pipes. The Borough's pump station needs to be rehabilitated and upgraded to handle increased flows.

Project Description

The proposed project includes the replacement of gravity sewers and installation of new flow monitoring equipment. Pump station improvements include wet well rehabilitation, new pumps and controllers, chemical feed equipment, and emergency generator.

Anticipated Recipient	:	AVON-BY-THE-SEA BOROUGH			
Project No.	:	340335-01	Eligible Project Cost:	\$	3,973,856
FY04 Rank	:	412			
County	:	MONMOUTH	Total State Amount	:	\$ 3,973,856

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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>				
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00235
TOTAL POINTS	50.00235

Project Name, Number

AVON-BY-THE-SEA BOROUGH
340335-01
SEWER REHABILITATION

Priority List Rank

412

County

MONMOUTH

Existing Population

2,350

Service Area

Avon-By-The-Sea

Need for Project

An economic study of flow level with sewer improvements versus Township of Neptune Sewerage Authority current charges for flow, indicates that flow levels may be in excess of contractual amounts. The excessive flow results in dilute flow into the treatment plant. This contributes to unwarranted costs and possible penalties for excessive flow. The original sewer system was constructed prior to 1920.

Project Description

The proposed project would reduce infiltration of groundwater into the existing sewer system and includes sleeving/lining of the sanitary sewers, grouting all connections to the trunk sewers, repairing and replacing manholes and the replacement of the deteriorated sewer on Lincoln Lane.

Anticipated Recipient	:	AVON BY THE SEA BOROUGH			
Project No.	:	340335-02	Eligible Project Cost:	\$	360,245
FY04 Rank	:	412			
County	:	MONMOUTH	Total State Amount	:	\$ 360,245

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00235
TOTAL POINTS	50.00235

Project Name, Number

AVON BY THE SEA BOROUGH
340335-02
STORMWATER MANAGEMENT

Priority List Rank

412

County

MONMOUTH

Existing Population

2,350

Service Area

Avon-By-The-Sea

Need for Project

The purpose of the project is eliminate pollutants from entering tidal waters and Sylvan Lake through the stormwater system.

Project Description

The proposed project includes the construction of a catch basin system to reduce the pollutant load into the surface waters.

Anticipated Recipient	:	NORTH BERGEN MUA			
Project No.	:	340652-06	Eligible Project Cost:	\$	3,997,392
FY04 Rank	:	414			
County	:	HUDSON	Total State Amount	:	\$ 3,997,392

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00233
TOTAL POINTS	50.00233

Project Name, Number

NORTH BERGEN MUA
340652-06
STP EXPANSION

Priority List Rank

414

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. : 340966-03Eligible Project Cost: \$ 2,526,305

FY04 Rank : 415

County : OCEANTotal State Amount : \$ 2,526,305

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00230

TOTAL POINTS50.00230

Project Name, Number

LAVALETTE BOROUGH
340966-03
SEWER REHABILITATION

Priority List Rank

415

County

OCEAN

Existing Population

2,300

Service Area

Borough of Lavallette

Need for Project

The project is needed to effectively limit infiltration/inflow into the sanitary sewer system. This will alleviate adverse downstream impacts on infrastructure and will reduce wastewater treatment costs.

Project Description

The proposed project involves the Phase III Sanitary Sewer Rehabilitation activities which includes cleaning, videoing and lining sewers, the replacement of deteriorated sections of sewer, lateral testing and sealing, rehabilitation of manhole structures, etc.

Anticipated Recipient	:	LAVALETTE BOROUGH			
Project No.	:	340966-02	Eligible Project Cost:	\$	430,399
FY04 Rank	:	416			
County	:	OCEAN	Total State Amount	:	\$ 430,399

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00229
TOTAL POINTS	50.00229

Project Name, Number

LAVALETTE BOROUGH
340966-02
I/I CORRECTION

Priority List Rank

416

County

OCEAN

Existing Population

2,290

Service Area

Borough of Lavallette

Need for Project

The investigate the presence of any cross connections and repair same to eliminate contamination of bay waters from leaking or improperly installed sanitary sewage systems.

Project Description

Hydraulically clean storm sewer pipes and inspect to locate and determine all cross connections. Once cross connections have been located, affect repairs of same to eliminate contamination and install pinch type check valves.

Anticipated Recipient : WEYMOUTH TOWNSHIP MUA

Project No. : 340713-02

Eligible Project Cost: \$ 570,013

FY04 Rank : 417

County : ATLANTIC

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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.00226

TOTAL POINTS50.00226

Project Name, Number

WEYMOUTH TOWNSHIP MUA
340713-02
SEWER REHABILITATION

Priority List Rank

417

County

ATLANTIC

Existing Population

2,257

Service Area

Weymouth Township

Need for Project

The Township's sanitary sewer system is inundated by infiltration and tidal flooding causing discharges at the pump station and through manholes.

Project Description

The proposed project involves replacement and upgrade of the pump station, replacement of all sewer laterals, and replacement of manhole covers.

Anticipated Recipient : PEAPACK & GLADSTONE BOROUGH

Project No. : 340822-01Eligible Project Cost: \$ 125,409

FY04 Rank : 418

County : SOMERSETTotal State Amount : \$ 125,409

<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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>	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 Commission0.00000

Population0.00212

TOTAL POINTS50.00212

Project Name, Number

PEAPACK & GLADSTONE BOROUGH
340822-01
I/I CORRECTION

Priority List Rank

418

County

SOMERSET

Existing Population

2,120

Service Area

Entire Borough of Peapack-Gladstone

Need for Project

The existing sewer system has excessive I/I. Rehabilitation is necessary to remove excessive I/I, and to extend the useful life of the sewer system.

Project Description

The Borough has completed a TV & grouting program to reduce infiltration. The scope of the SSES will be reviewed after these measures are evaluated. The survey should consider inflow problems identified in subsystems 3, 4 and 5, which are defined in the original analysis (201 facilities plan).

Anticipated Recipient : GREENWICH TOWNSHIP

Project No. : 340359-01

Eligible Project Cost: \$ 11,199,679

FY04 Rank : 419

Total State Amount : \$ 11,199,679

County : WARREN

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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	0.00190
TOTAL POINTS	50.00190

Project Name, Number

GREENWICH TOWNSHIP
340359-01
STP, COLLECTION SYSTEM

Priority List Rank

419

County

WARREN

Existing Population

1,900

Service Area

Southerly Sewer Service Area in Greenwich Township

Need for Project

This project will provide a necessary economic base for Greenwich Township and Warren County. The State of New Jersey will also benefit from the commercial development which will be created in the Industrial Zone of the Southerly Sewer District. It will specifically service the existing KOH-I-NOOR RAPIDOGRAPH, INC. facilities which presently have septic disposal only and the Cross Jersey Executive Park which will be constructed when the wastewater treatment plant becomes operational.

Project Description

The proposed project includes the construction of a wastewater treatment plant and collection system to serve the areas.

Anticipated Recipient	:	ALLENTOWN	BOROUGH		
Project No.	:	340567-04	Eligible Project Cost:	\$	570,013
FY04 Rank	:	420			
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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00188
TOTAL POINTS	50.00188

Project Name, Number

ALLENTOWN BOROUGH
340567-04
I/I CORRECTION

Priority List Rank

420

County

MONMOUTH

Existing Population

1,882

Service Area

Borough of Allentown

Need for Project

The Borough's sanitary sewer system is subject to excessive amounts of inflow and infiltration causing sewage to overflow in the collection system and at the treatment plant site during wet weather periods. Allentown's wastewater treatment plant needs upgrades and replacement of deteriorated, outdated equipment to improve removal efficacy and reduce the chance of surcharge or overflow.

Project Description

The purpose of the project is to reduce rainfall-induced surcharging of the collection system and sewage treatment plant. The project involves an infiltration/inflow correction program in conjunction with the replacement/rehabilitation of sections of the sewer system. Upgrade of the treatment plant would include electrical and control system replacement, installation of a comminutor, replacement of trickling filter media, chemical feed systems modifications, RBC reconstruction, and other miscellaneous improvements.

Anticipated Recipient : DEAL BOROUGH

Project No. : 340412-08Eligible Project Cost: \$ 1,259,960

FY04 Rank : 421

County : MONMOUTHTotal State Amount : \$ 1,259,960

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission0.00000

Population0.00185

TOTAL POINTS50.00185

Project Name, Number

DEAL BOROUGH
340412-08
I/I CORRECTION

Priority List Rank

421

County

MONMOUTH

Existing Population

1,850

Service Area

Borough of Deal

Need for Project

The Infiltration/Inflow (I/I) analysis of the collection system indicates that the city sewerage system has excessive I/I which can be removed cost-effectively.

Project Description

The proposed project will be for an Infiltration/Inflow correction program to eliminate excessive I/I from the sewerage system.

Anticipated Recipient	:	EAST NEWARK BOROUGH			
Project No.	:	340848-01	Eligible Project Cost:	\$	511,491
FY04 Rank	:	422			
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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

<u>B. Existing Water Quality</u>				Points Scored
Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00183
TOTAL POINTS	50.00183

Project Name, Number

EAST NEWARK BOROUGH
340848-01
I/I CORRECTION

Priority List Rank

422

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. : 340876-02Eligible Project Cost: \$ 1,191,434

FY04 Rank : 423

County : MORRISTotal 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
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<u>A. Water Use</u>	Possible Points	Points Scored
Water Use		
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	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	0.00151
TOTAL POINTS	50.00151

Project Name, Number

CHESTER BOROUGH
340876-02
STP, COLLECTION SYSTEM

Priority List Rank

423

County

MORRIS

Existing Population

1,510

Service Area

Borough of Chester

Need for Project

The only means of wastewater treatment/disposal in Borough is via septic systems. These systems are old and experiencing significant rate of failure resulting in pollution problems for the Borough and adjacent municipalities. Funding is necessary to provide treatment to eliminate these conditions.

Project Description

The Borough proposed the construction of a wastewater treatment facility (WWTF) to service the Borough. The project includes the required collection and conveyance system components to eliminate the failing septic-systems.

Anticipated Recipient	:	COMMERCIAL TOWNSHIP			
Project No.	:	340955-01	Eligible Project Cost:	\$	9,207,328
FY04 Rank	:	424			
County	:	CUMBERLAND	Total State Amount	:	\$ 9,207,328

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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	0.00150
TOTAL POINTS	50.00150

Project Name, Number

COMMERCIAL TOWNSHIP
340955-01
COLLECTION SYSTEM, STP

Priority List Rank

424

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. : 340590-02Eligible Project Cost: \$ 2,230,279

FY04 Rank : 425

County : OCEANTotal State Amount : \$ 2,230,279

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00134

TOTAL POINTS50.00134

Project Name, Number

BAY HEAD BOROUGH
340590-02
I/I CORRECTION

Priority List Rank

425

County

OCEAN

Existing Population

1,340

Service Area

Bay Head Borough

Need for Project

The Borough of Bay Head has an old sewerage collection system consisting of clay pipes and lead joints. Cracked pipes and weak joints lead to excessive infiltration/inflow to the existing sanitary sewers. During wet weather, the infiltration/inflow to the system peaks at 0.8 mgd. It is cost effective to perform I/I correction as compared to transporting and treating these extraneous flows at the Ocean County Utilities Authority Wastewater Treatment Facility.

Project Description

At present the project is in Phase II of SSES. This consists of preparatory cleaning and internal TV inspection of 15,281 linear feet and smoke testing of 29,005 linear feet of sewer line. Dye water flooding and dye tracing will be done at the conclusion of smoke testing. In addition, a pilot grouting program of the worst 10 lines will also be undertaken during this phase and the results so obtained will be used in the subsequent work in Phase 3, which will consist of the I/I correction of the remaining lines with excessive infiltration/inflow, grouting of 17 leaking manholes and utilizing manhole inserts to eliminate inflow in 47 manholes. The I/I correction program will remove extraneous flow from this sewer system.

Anticipated Recipient : PEMBERTON TOWNSHIP MUA

Project No. : 340649-04

Eligible Project Cost: \$ 1,232,571

FY04 Rank : 426

County : BURLINGTON

Total State Amount : \$ 1,232,571

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	50
I/I Correction	50	0
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00121

TOTAL POINTS50.00121

Project Name, Number

PEMBERTON TOWNSHIP MUA
340649-04
SEPTIC MANAGEMENT DISTRICT

Priority List Rank

426

County

BURLINGTON

Existing Population

1,210

Service Area

Pemberton Township

Need for Project

Pemberton is developing a program to correct failing septic systems to improve the community's groundwater and surface water quality and protect residents from exposure to septage.

Project Description

The proposed project includes the creation of a septic management district.

Anticipated Recipient : ROOSEVELT BOROUGH

Project No. : 340761-02Eligible Project Cost: \$ 1,522,661

FY04 Rank : 427

County : MONMOUTHTotal State Amount : \$ 1,522,661

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	50
Stormwater/NPS Management	50-100	0
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

<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 Commission0.00000

Population0.00085

TOTAL POINTS50.00085

Project Name, Number

ROOSEVELT BOROUGH
340761-02
I/I CORRECTION

Priority List Rank

427

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 : TETERBORO BOROUGH

Project No. : 340339-01Eligible Project Cost: \$ 1,219,513

FY04 Rank : 428

County : BERGENTotal State Amount : \$ 1,219,513

<u>I. APPROVED WATERSHED PLAN</u>	Possible Points	Points Scored
	200	0

<u>II. PROJECT DISCHARGE TYPE</u>	Possible Points	Points Scored
CSO Abatement	250	0
I/I Correction-Overflow	250	0
Treatment Plant Improvements	150	0
Sludge Disposal/Treatment	100	0
Corrective Systems	50	0
I/I Correction	50	0
Stormwater/NPS Management	50-100	50
	Subtotal	50

III. WATER USE/WATER QUALITY POINTS

A. Water Use

Water Use	Possible Points	Points Scored
Potable Water Supply	200	0
Shellfish	125	0
Recreation(Primary Contact)	125	0
Freshwater Fisheries(Trout/NonTrout)	75/25	0
Public Nuisance(On Site Systems Only)	50	0
Agriculture Water Use	25	0
Industrial Water Use	25	0
	Subtotal	0

B. Existing Water Quality

Parameter	Meets Standards	Marginally Meets Standards	Does Not Meet Standards	Points Scored
Dissolved Oxygen	0	50	100	0
Fecal Coliform	0	50	100	0
Nutrients	0	25	50	0
Toxics	0	25	50	0
			Subtotal	0

State Planning Commission	0.00000
Population	0.00002
TOTAL POINTS	50.00002

Project Name, Number

TETERBORO BOROUGH
340339-01
STORMWATER MANAGEMENT

Priority List Rank

428

County

BERGEN

Existing Population

18

Service Area

Teterboro Airport and West Riser Ditch Storm Drainage Systems

Need for Project

The existing pump station was built in 1950 to assist two smaller pump houses which date back to 1917. Currently all three pumps are in operation and the system is in need of repair.

Project Description

The proposed project is to extend the two existing 60-inch diameter storm trunk mains to a new pump house constructed with an emergency generator and a variable speed pumping system. Also included is the abandonment and demolition of the two 1917 pump houses and alterations associated with the riser ditch and bulkhead.